

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062360.D
 Acq On : 3 Jul 2020 2:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 7/6/2020 11:34:26 AM

Quant Time: Jul 03 04:48:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	153082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	292678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133127	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	129117	60.10	ug/l	0.00
Spiked Amount			Recovery	=	120.20%	
35) Dibromofluoromethane	7.55	113	96299	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
50) Toluene-d8	10.06	98	390280	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.37	95	136457	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	76633	44.288	ug/l	100
3) Chloromethane	2.03	50	109590	53.902	ug/l	97
4) Vinyl Chloride	2.16	62	118821	43.605	ug/l	98
5) Bromomethane	2.52	94	77410	43.955	ug/l	100
6) Chloroethane	2.66	64	81572	43.822	ug/l	98
7) Trichlorofluoromethane	2.98	101	143206	42.651	ug/l	100
8) Diethyl Ether	3.37	74	66078	56.359	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	88453	50.306	ug/l	95
10) Methyl Iodide	3.91	142	108762	54.924	ug/l	100
11) Tert butyl alcohol	4.74	59	99847	323.714	ug/l	99
12) 1,1-Dichloroethene	3.69	96	88116	50.130	ug/l	93
13) Acrolein	3.56	56	68435	226.619	ug/l	98
14) Allyl chloride	4.27	41	144614	60.428	ug/l	97
15) Acrylonitrile	4.93	53	263952	314.036	ug/l	99
16) Acetone	3.77	43	210955	313.883	ug/l	95
17) Carbon Disulfide	4.00	76	242788	48.225	ug/l	99
18) Methyl Acetate	4.27	43	116317	68.112	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	323950	57.676	ug/l	99
20) Methylene Chloride	4.50	84	110961	56.293	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	98684	49.282	ug/l	93
22) Diisopropyl ether	5.90	45	328850	60.351	ug/l	97
23) Vinyl Acetate	5.84	43	1372295	308.465	ug/l	97
24) 1,1-Dichloroethane	5.80	63	196878	56.109	ug/l	99
25) 2-Butanone	6.79	43	330046	314.318	ug/l	95
26) 2,2-Dichloropropane	6.78	77	126846	43.382	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	115588	51.298	ug/l	96
28) Bromochloromethane	7.15	49	86409	56.758	ug/l	89
29) Tetrahydrofuran	7.17	42	219545	319.187	ug/l	95
30) Chloroform	7.33	83	189910	53.196	ug/l	97
31) Cyclohexane	7.61	56	154357	52.007	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	156982	52.142	ug/l	97
36) 1,1-Dichloropropene	7.75	75	141484	48.093	ug/l	97
37) Ethyl Acetate	6.88	43	138367	56.801	ug/l	98
38) Carbon Tetrachloride	7.73	117	126015	45.435	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	151316	46.944	ug/l	95
40) Benzene	8.00	78	438490	48.902	ug/l	99
41) Methacrylonitrile	7.12	41	50026m	44.296	ug/l	
42) 1,2-Dichloroethane	8.09	62	154551	51.015	ug/l	99
43) Isopropyl Acetate	8.13	43	227703	57.340	ug/l #	91
44) Trichloroethene	8.80	130	98554	43.572	ug/l	94
45) 1,2-Dichloropropane	9.08	63	117892	53.294	ug/l	100
46) Dibromomethane	9.18	93	73543	49.034	ug/l	96
47) Bromodichloromethane	9.37	83	156124	51.554	ug/l	100
48) Methyl methacrylate	9.17	41	105941	59.500	ug/l	94
49) 1,4-Dioxane	9.17	88	45642	1155.920	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	706682	304.586	ug/l	97
52) Toluene	10.12	92	272289	49.769	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	170551	51.190	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	181970	51.301	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	110106	51.198	ug/l	97
56) Ethyl methacrylate	10.40	69	163555	56.986	ug/l	95
57) 1,3-Dichloropropane	10.68	76	194438	52.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	327966	267.212	ug/l	97
59) 2-Hexanone	10.72	43	522823	312.064	ug/l	96
60) Dibromochloromethane	10.87	129	114505	50.290	ug/l	98
61) 1,2-Dibromoethane	10.98	107	111117	50.284	ug/l	99
64) Tetrachloroethene	10.60	164	78315	41.726	ug/l	98
65) Chlorobenzene	11.40	112	287466	47.643	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	102595	49.172	ug/l	99
67) Ethyl Benzene	11.48	91	522061	51.231	ug/l	99
68) m/p-Xylenes	11.59	106	396586	100.619	ug/l	98
69) o-Xylene	11.92	106	188089	50.578	ug/l	96
70) Styrene	11.94	104	325894	52.547	ug/l	98
71) Bromoform	12.10	173	74156	49.989	ug/l #	97
73) Isopropylbenzene	12.22	105	505526	49.056	ug/l	99
74) N-amyl acetate	12.04	43	204855	53.735	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	172953	50.434	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	153973m	49.131	ug/l	
77) Bromobenzene	12.50	156	115480	45.137	ug/l	89
78) n-propylbenzene	12.56	91	597598	50.697	ug/l	98
79) 2-Chlorotoluene	12.65	91	353752	49.642	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	426744	51.083	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	53119	49.500	ug/l	94
82) 4-Chlorotoluene	12.75	91	363729	49.359	ug/l	98
83) tert-Butylbenzene	12.97	119	348267	48.714	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	421593	50.530	ug/l	99
85) sec-Butylbenzene	13.15	105	482218	51.045	ug/l	98
86) p-Isopropyltoluene	13.26	119	419266	50.657	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	211394	47.054	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	214033	46.218	ug/l	99
89) n-Butylbenzene	13.59	91	363261	52.792	ug/l	99
90) Hexachloroethane	13.85	117	80882	49.809	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	209953	48.193	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29226	53.201	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	94055	49.421	ug/l	99
94) Hexachlorobutadiene	14.98	225	38321	46.360	ug/l	99
95) Naphthalene	15.10	128	293598	46.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	95938	49.300	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

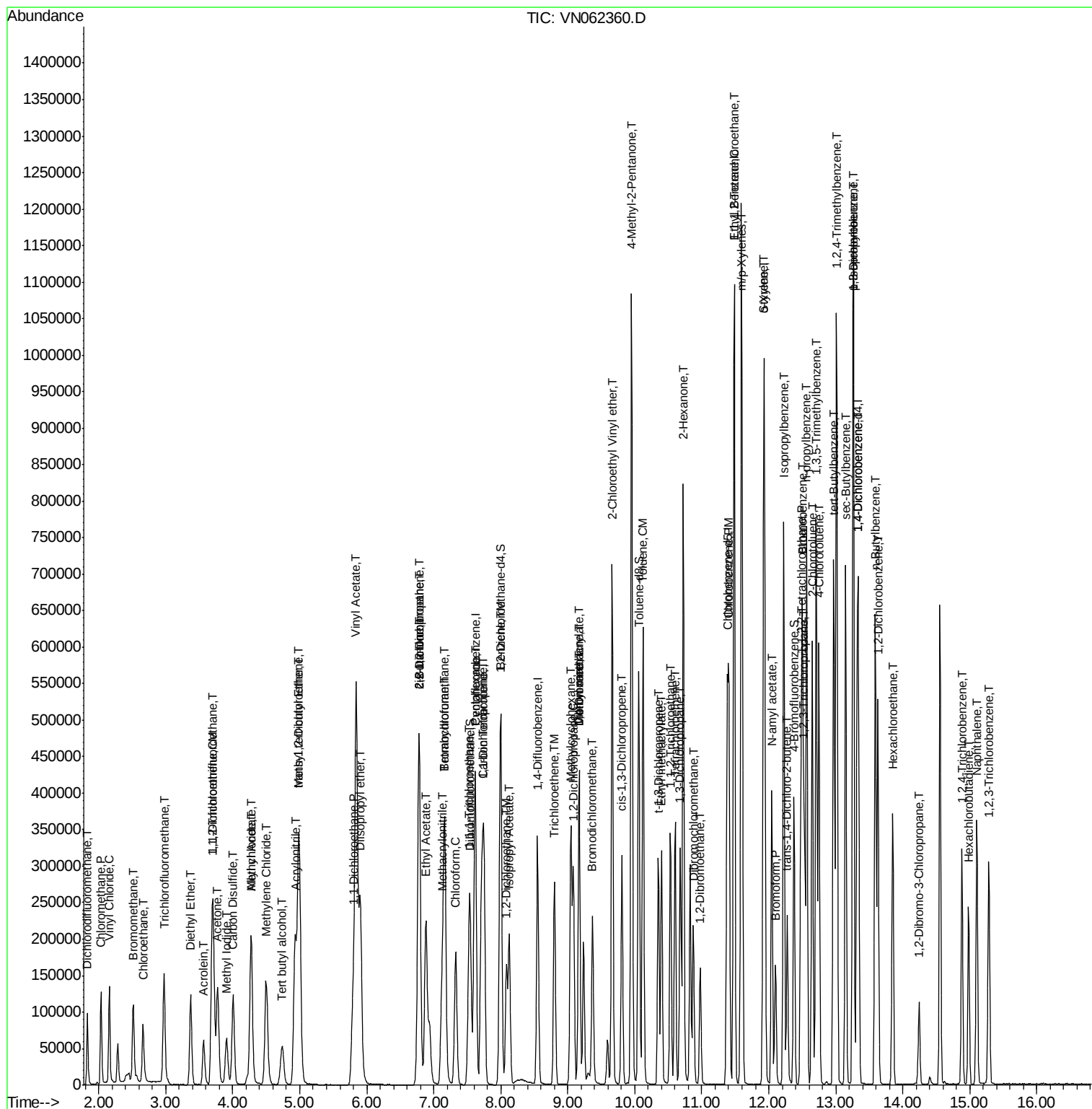
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Data File : VN062360.D
Acq On : 3 Jul 2020 2:09
Operator : JC/MD
Sample : VSTDCCC050
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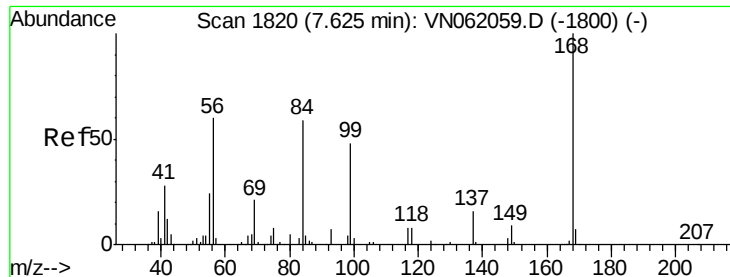
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 153082

Ion Ratio Lower Upper

168 100

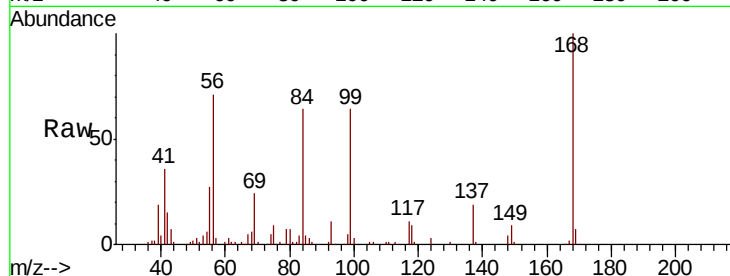
99 63.7 45.8 68.8

Manual Integrations

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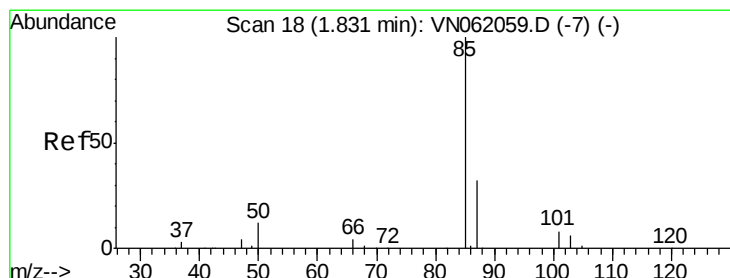
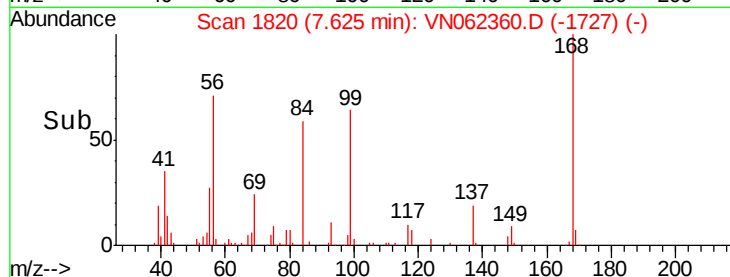
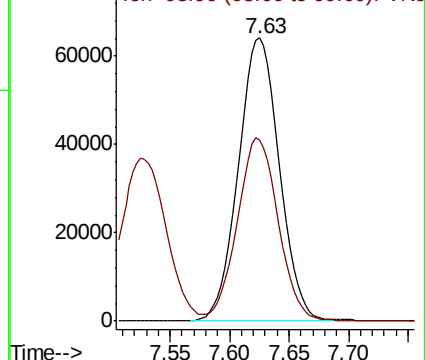
sam

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.288 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062360.D

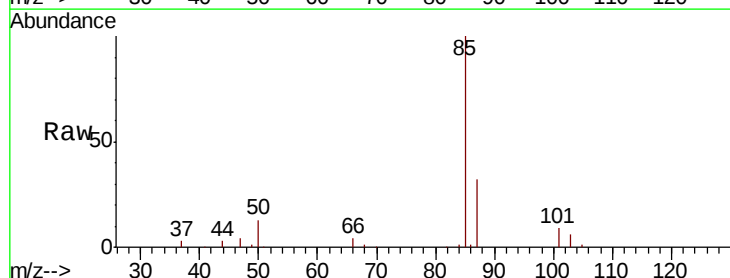
Acq: 3 Jul 2020 2:09

Tgt Ion: 85 Resp: 76633

Ion Ratio Lower Upper

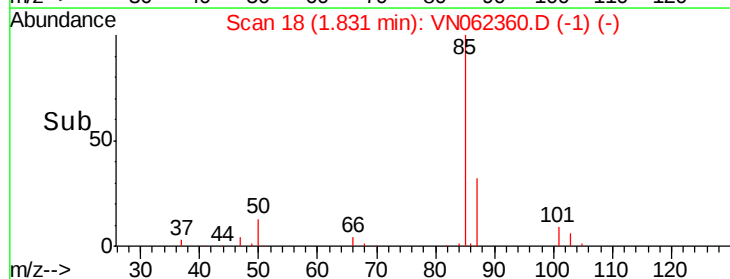
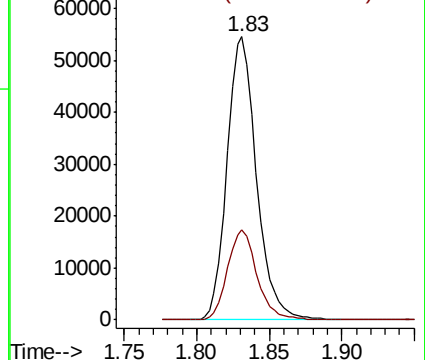
85 100

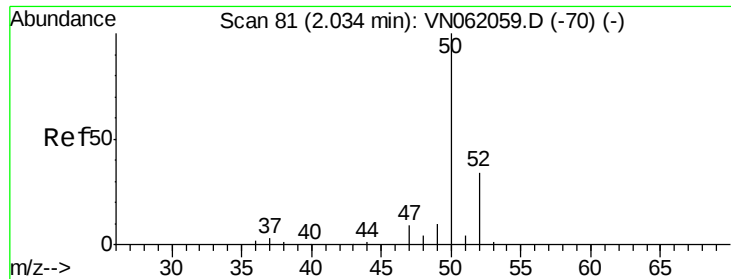
87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 53.902 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 109590

Ion Ratio Lower Upper

50 100

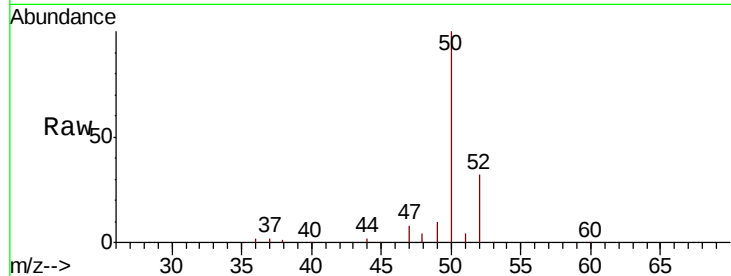
52 32.1 27.0 40.6

Manual Integrations

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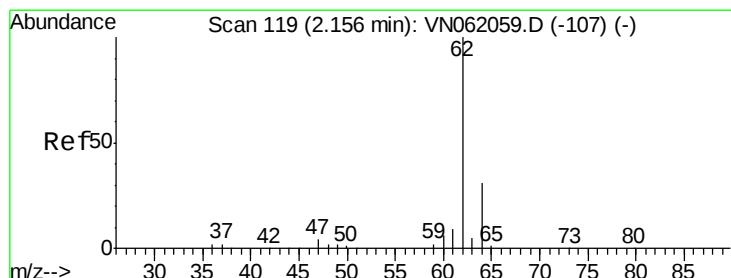
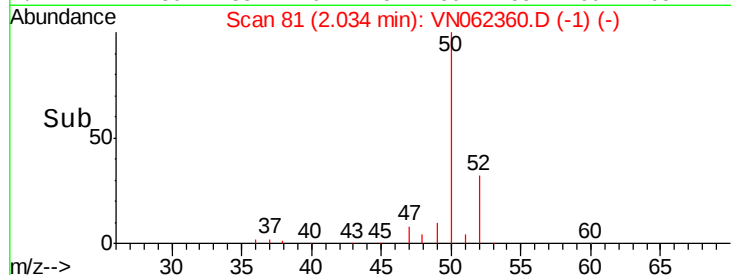
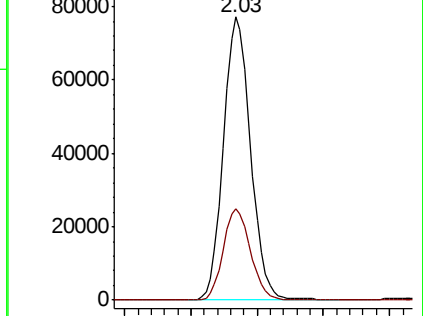
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Abundance Ion 49.90 (49.60 to 50.60): VN062360.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN062360.D (-1) (-)



#4

Vinyl Chloride

Concen: 43.605 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062360.D

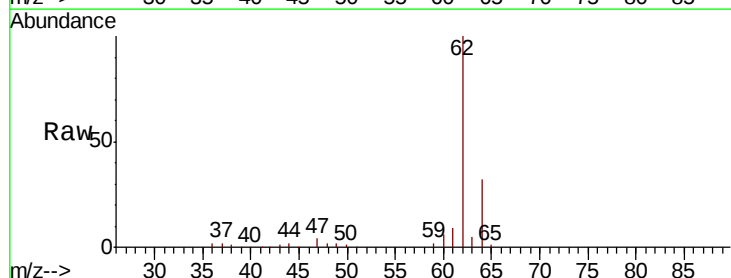
Acq: 3 Jul 2020 2:09

Tgt Ion: 62 Resp: 118821

Ion Ratio Lower Upper

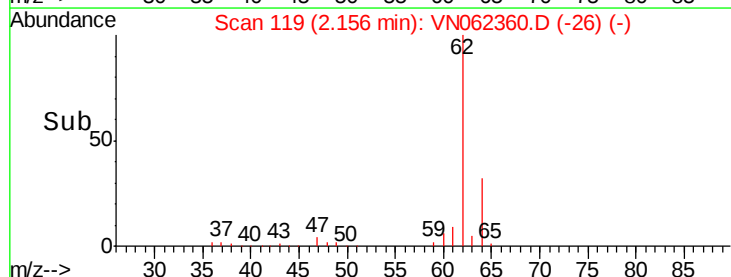
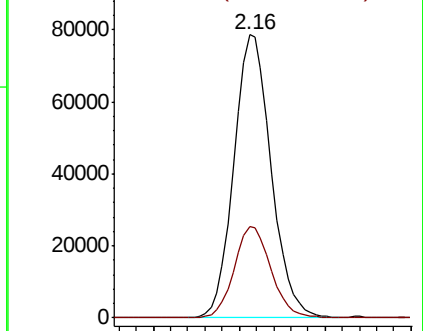
62 100

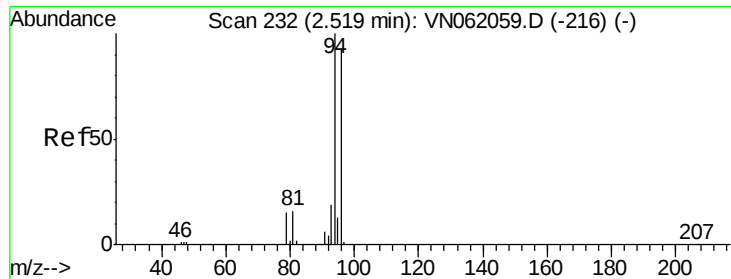
64 32.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN062360.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN062360.D (-26) (-)





#5

Bromomethane

Concen: 43.955 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

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Tot Ion: 94 Resp: 77410

Ion Ratio Lower Upper

94 100

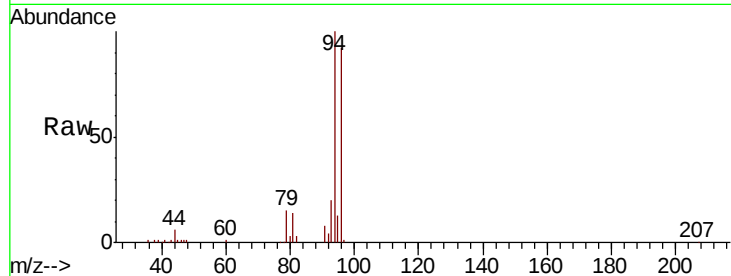
96 91.6 73.4 110.2

Manual Integrations

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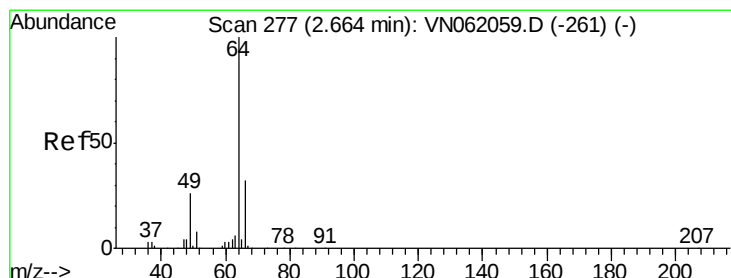
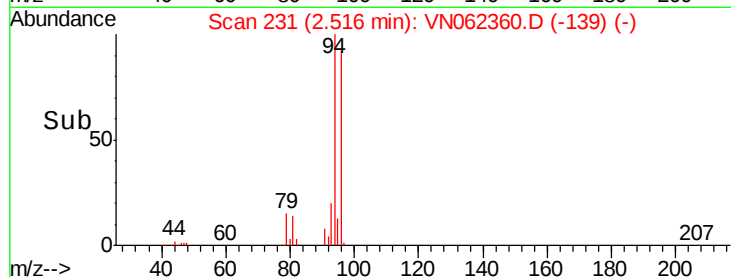
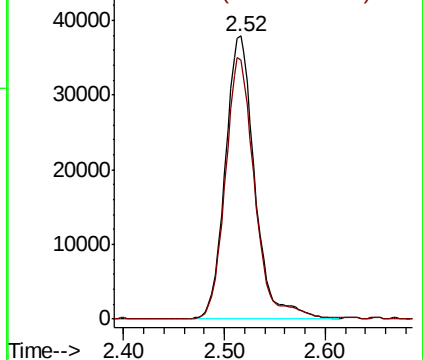
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 43.822 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062360.D

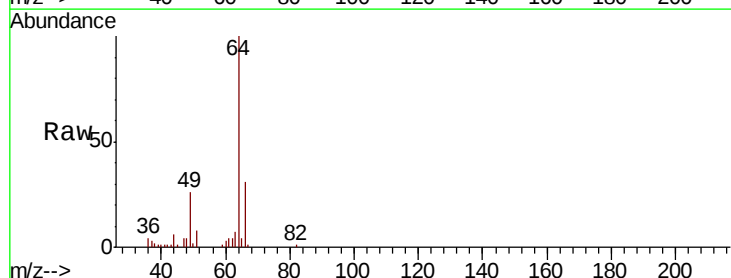
Acq: 3 Jul 2020 2:09

Tgt Ion: 64 Resp: 81572

Ion Ratio Lower Upper

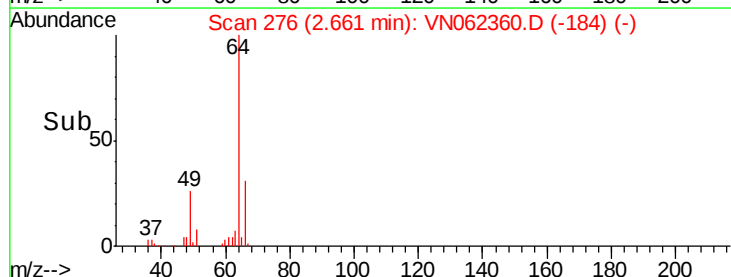
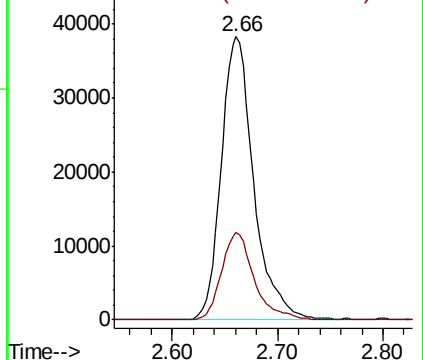
64 100

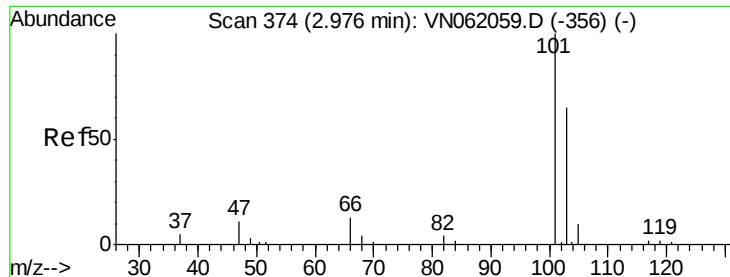
66 31.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

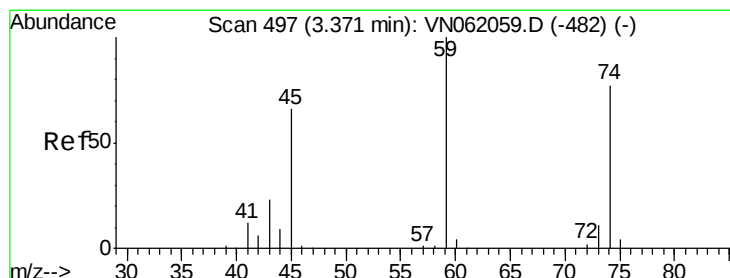
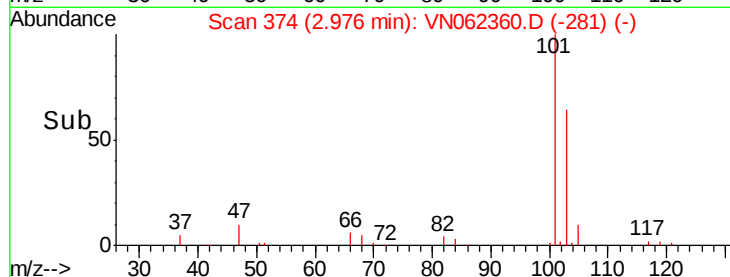
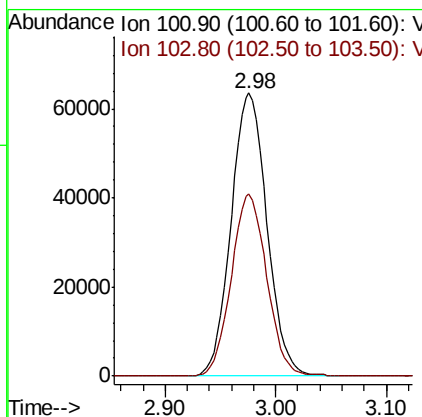
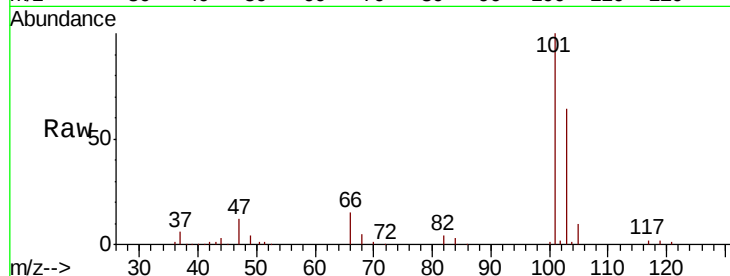
Trichlorofluoromethane
 Concen: 42.651 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062360.D
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Tot Ion:101 Resp: 143206
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.6

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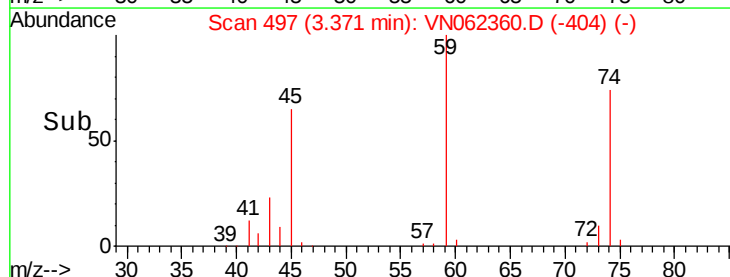
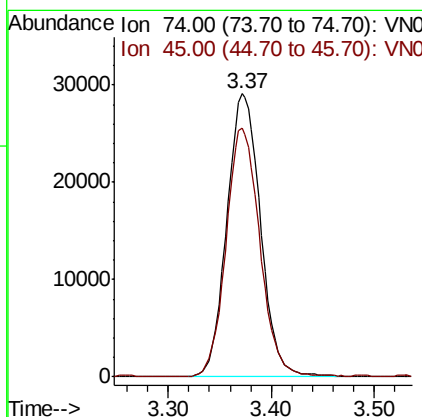
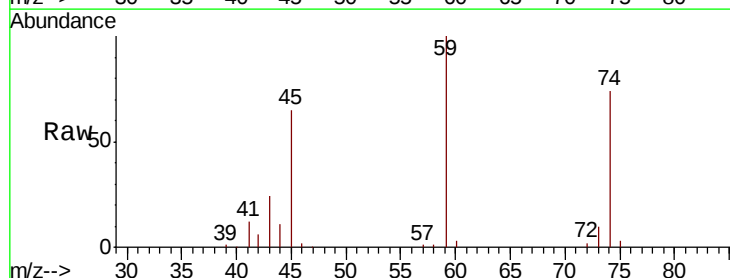
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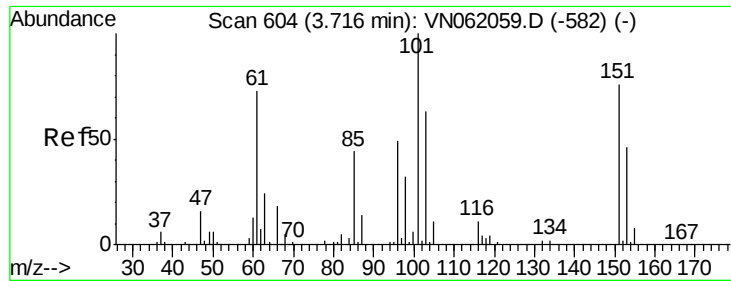


#8

Diethyl Ether
 Concen: 56.359 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion: 74 Resp: 66078
 Ion Ratio Lower Upper
 74 100
 45 88.5 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.306 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

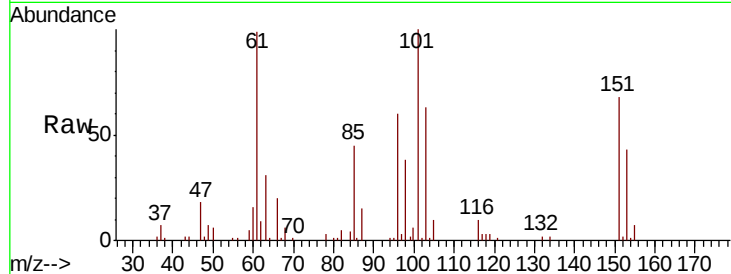
ClientSampleId :

VSTDCCC050EC

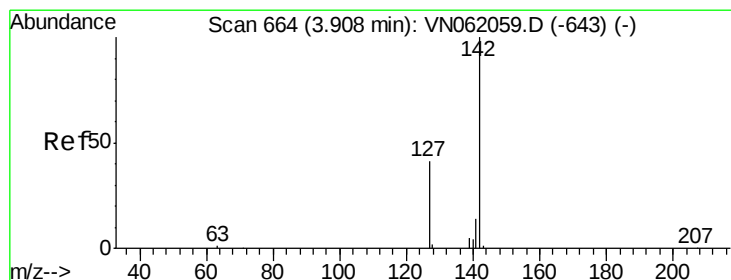
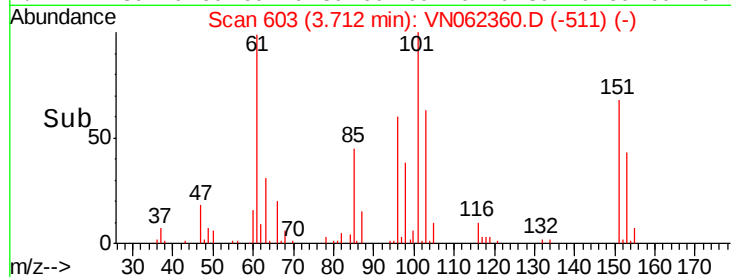
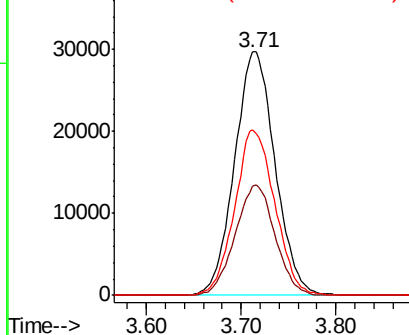
Tot Ion:	101	Resp:	88453
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.5	51.7
151	67.1	57.8	86.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.924 ug/l

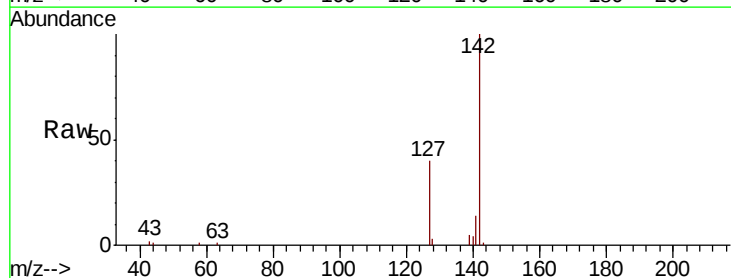
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

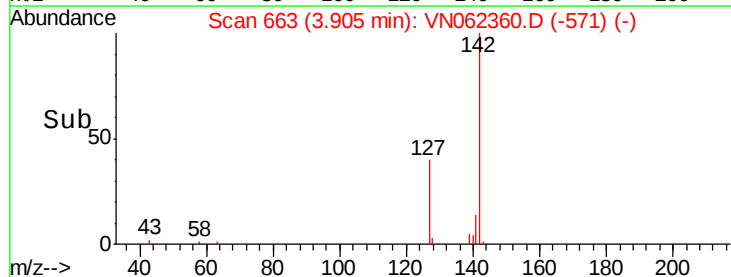
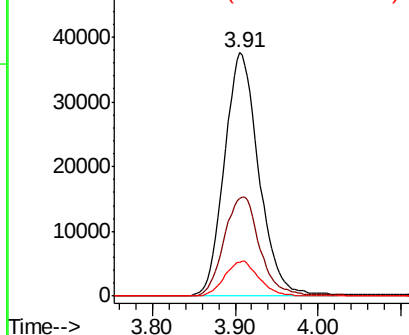
Lab File: VN062360.D

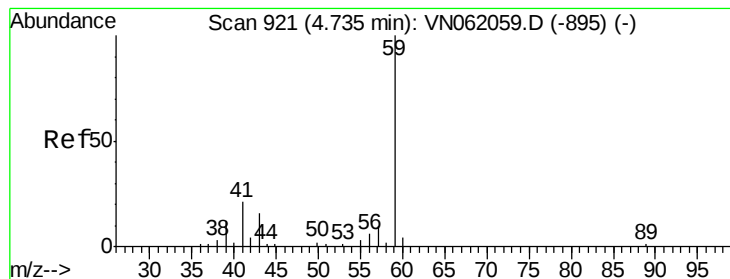
Acq: 3 Jul 2020 2:09

Tgt Ion:	142	Resp:	108762
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.6	50.4
141	14.2	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

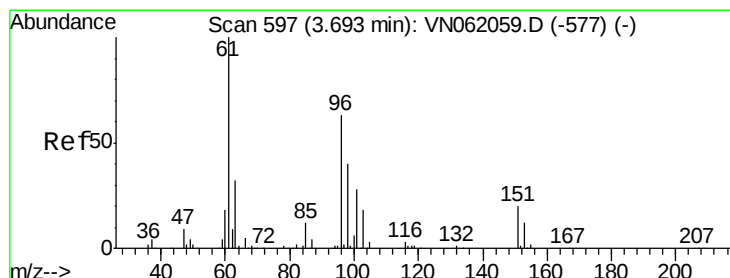
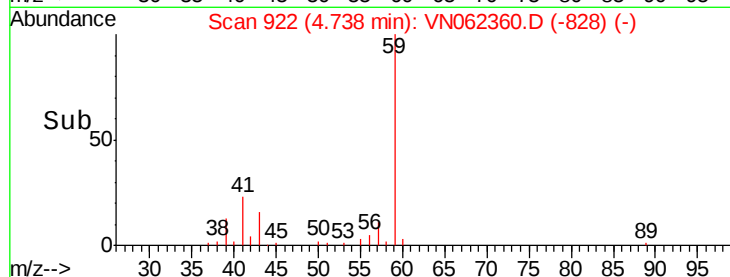
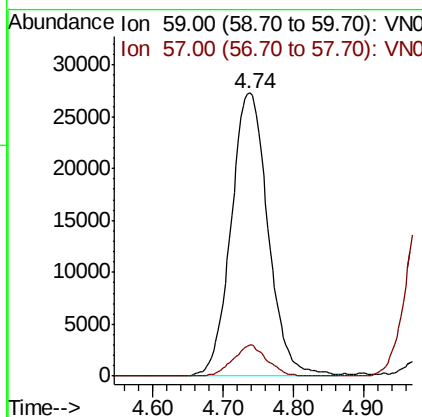
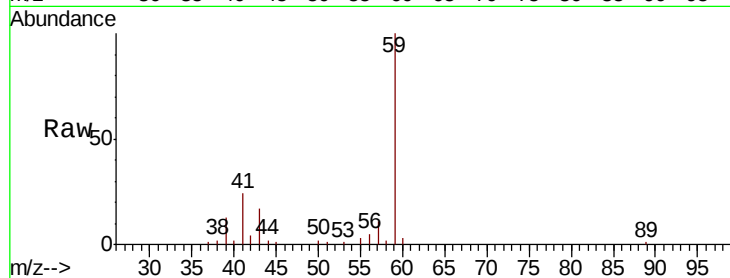
Tert butyl alcohol
 Concen: 323.714 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59.00 (58.70 to 59.70): VN0	Resp	99847
Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

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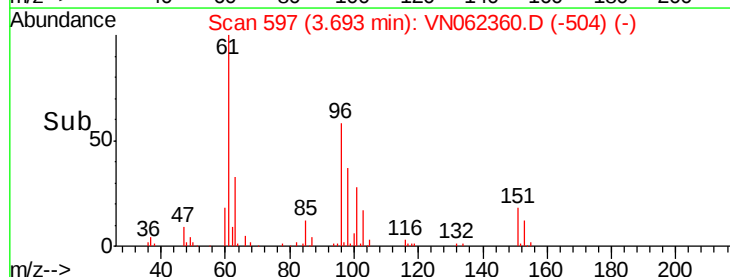
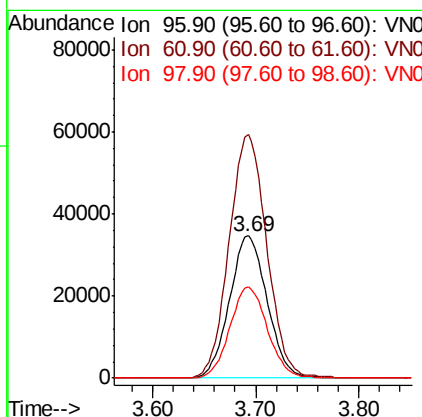
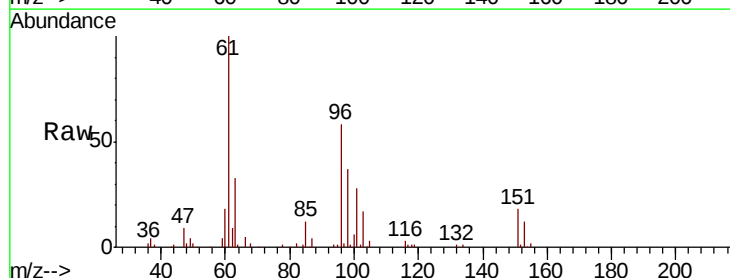
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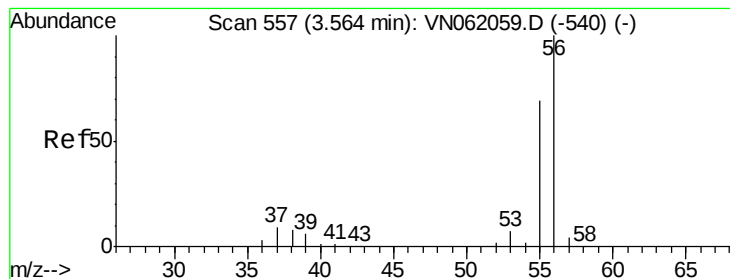


#12

1,1-Dichloroethene
 Concen: 50.130 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion	96	Resp	88116
Ion	Ratio	Lower	Upper
96	100		
61	171.0	126.7	190.1
98	63.8	51.0	76.4





#13

Acrolein

Concen: 226.619 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 68435

Ion Ratio Lower Upper

56 100

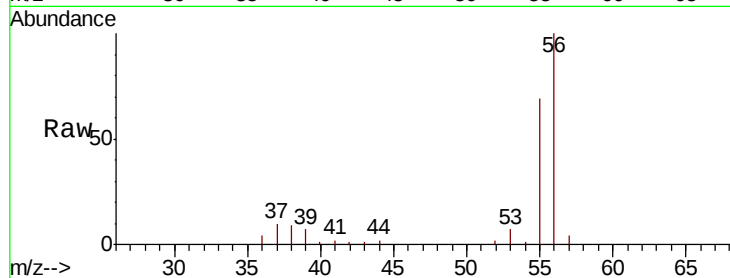
55 71.3 55.5 83.3

Manual Integrations

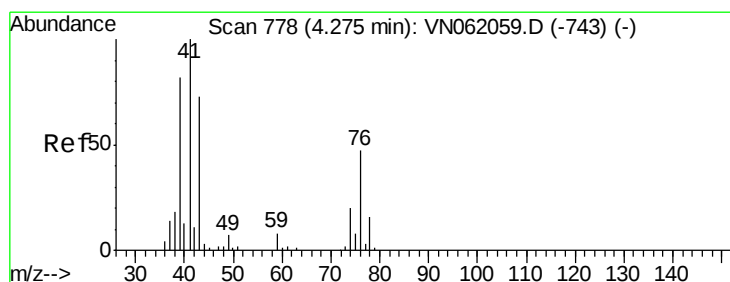
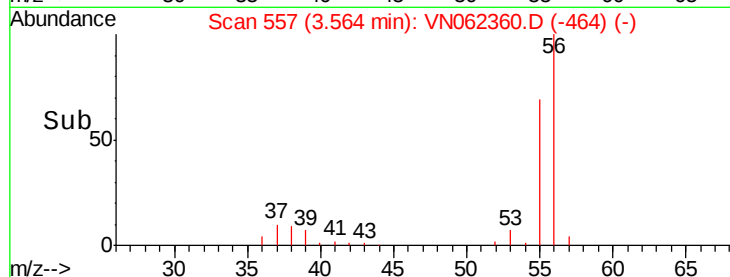
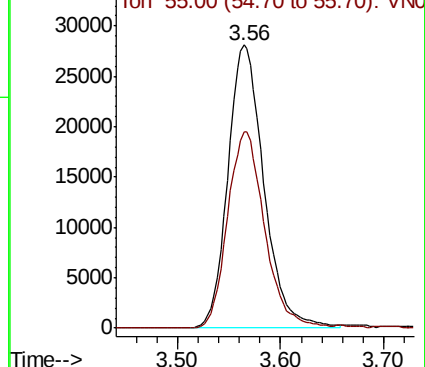
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Abundance Ion 56.00 (55.70 to 56.70): VN062360.D (-464) (-)



#14

Allyl chloride

Concen: 60.428 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

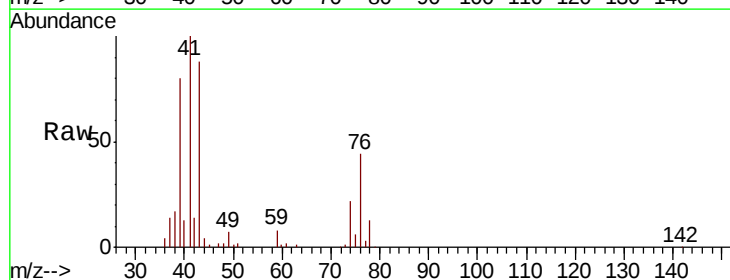
Tgt Ion: 41 Resp: 144614

Ion Ratio Lower Upper

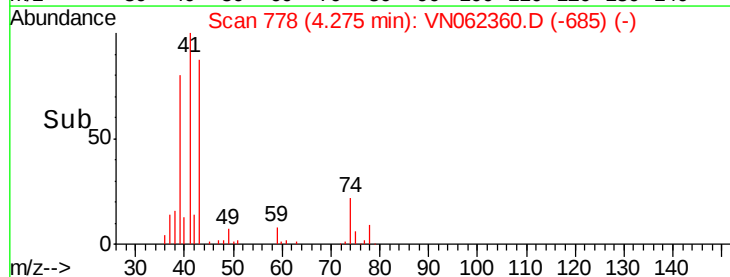
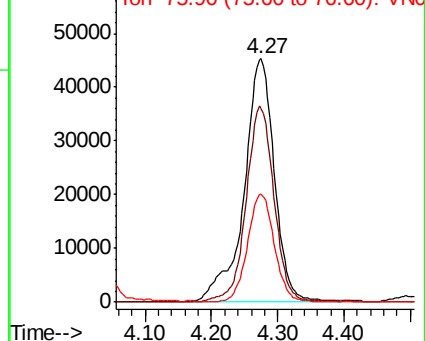
41 100

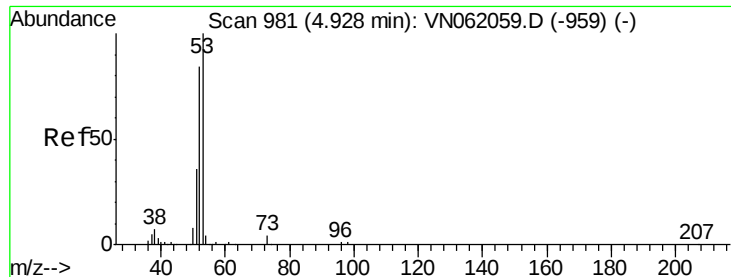
39 73.3 60.0 90.0

76 39.1 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062360.D (-685) (-)





#15

Acrylonitrile

Concen: 314.036 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

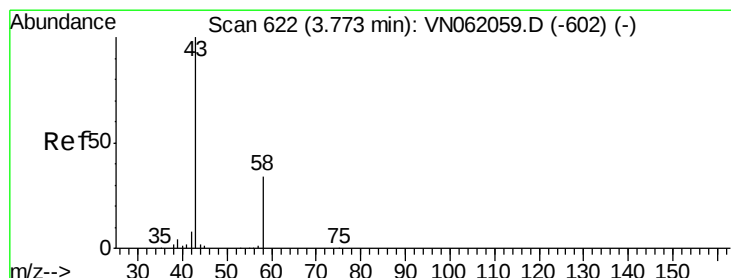
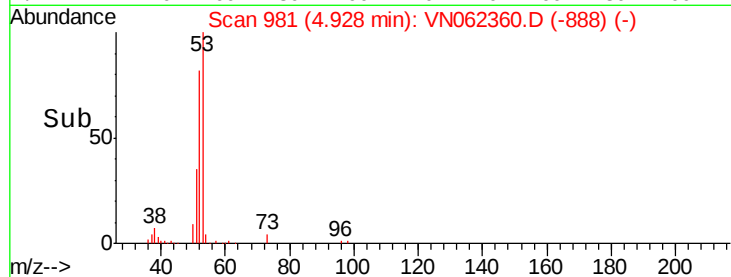
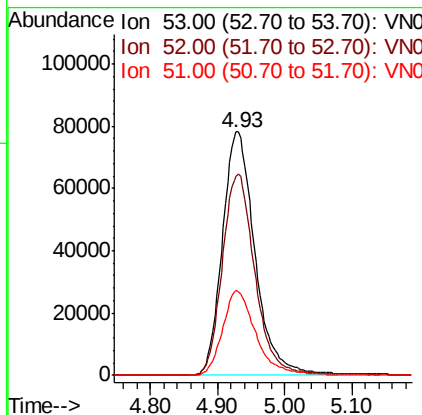
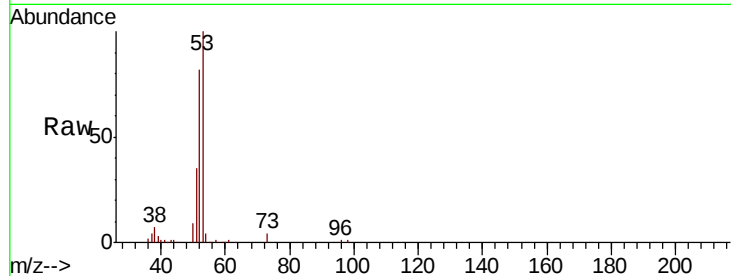
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	263952
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.2	99.4
51	35.4	28.9	43.3

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#16

Acetone

Concen: 313.883 ug/l

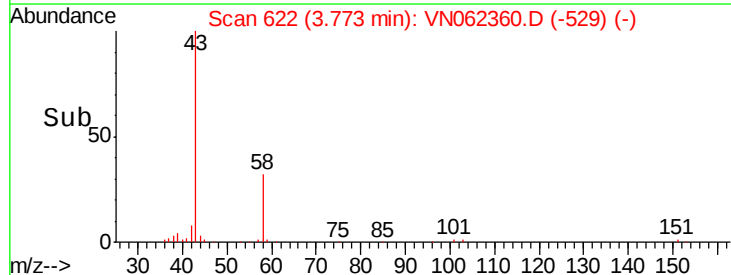
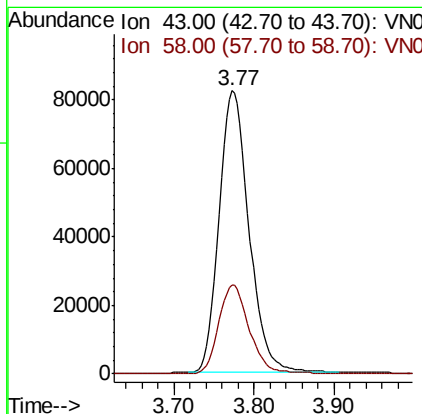
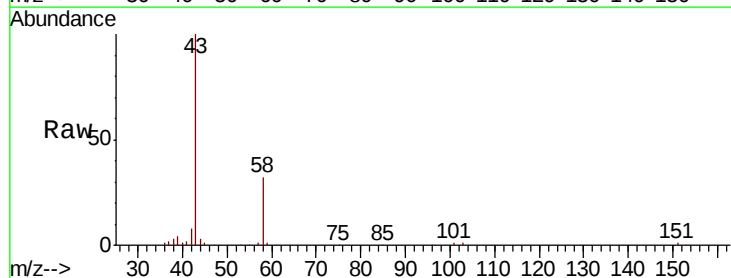
RT: 3.77 min Scan# 622

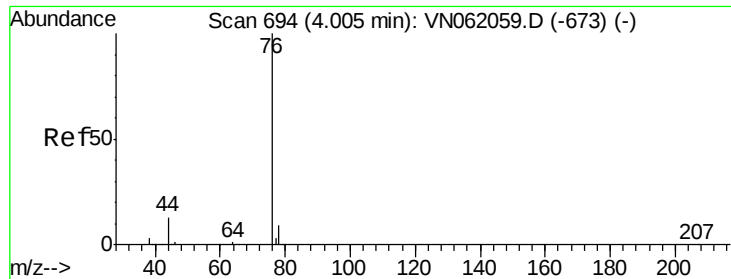
Delta R.T. 0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Tgt Ion:	43	Resp:	210955
Ion Ratio	Lower	Upper	
43	100		
58	31.5	27.5	41.3





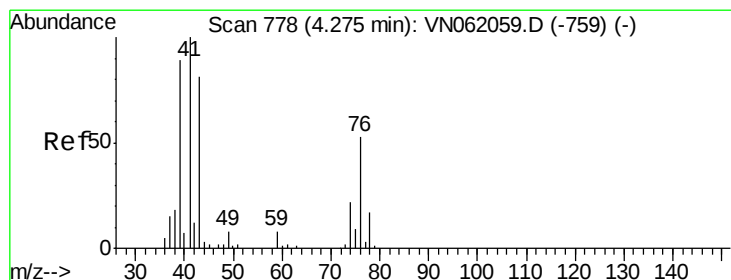
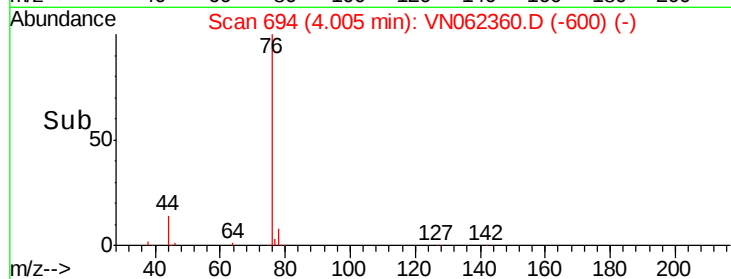
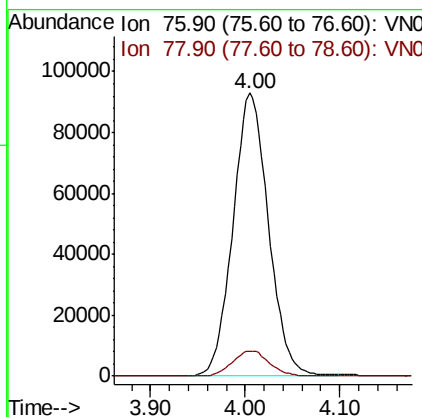
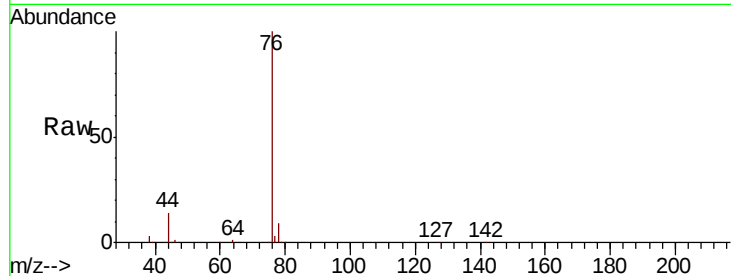
#17
Carbon Disulfide
Concen: 48.225 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

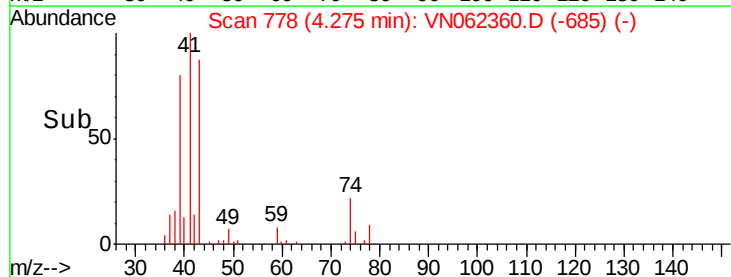
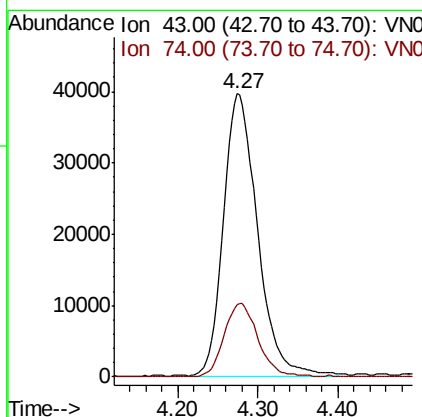
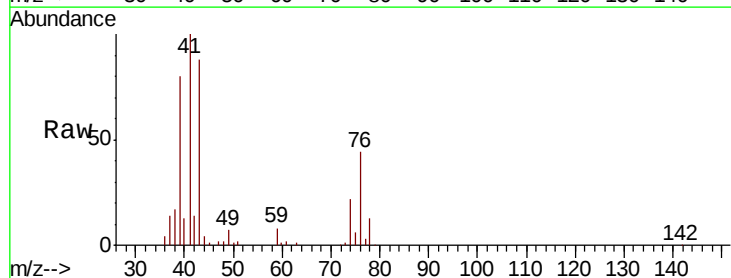
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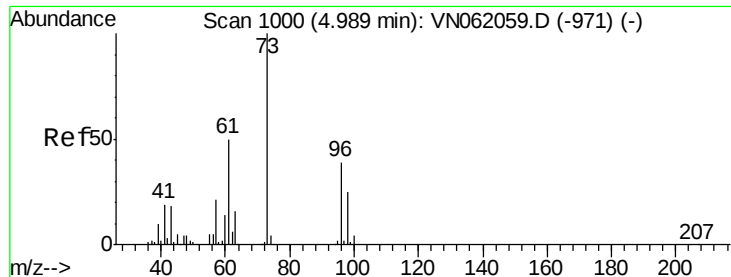
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#18
Methyl Acetate
Concen: 68.112 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	22.9	34.3





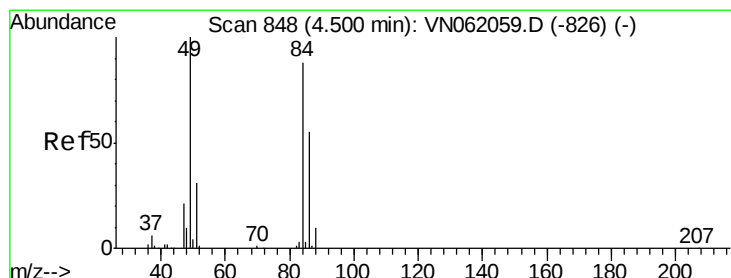
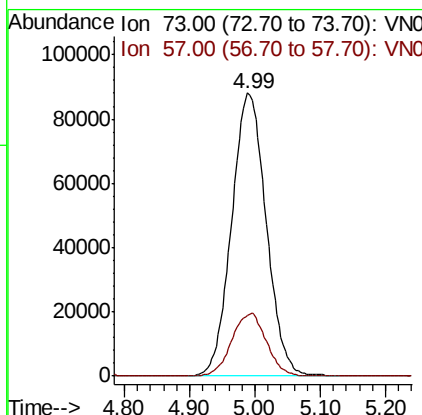
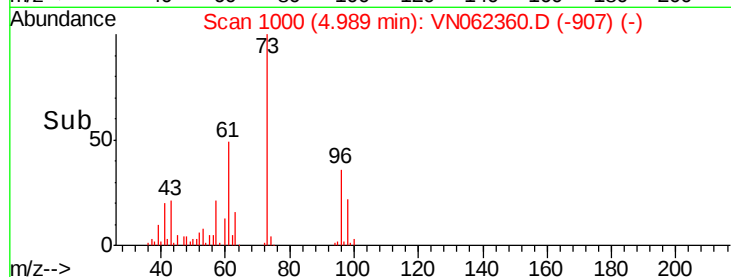
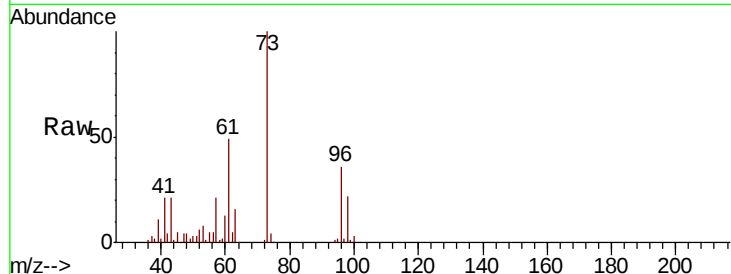
#19
Methvl tert-butvl Ether
Concen: 57.676 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 323950
Ion Ratio Lower Upper
73 100
57 21.2 16.6 24.8

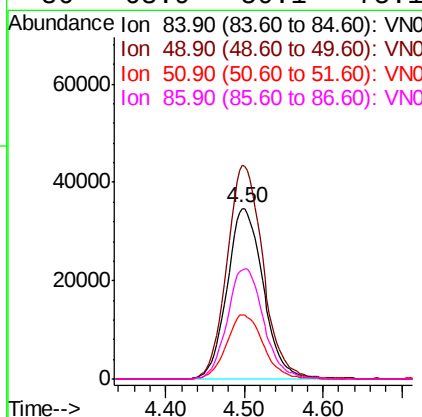
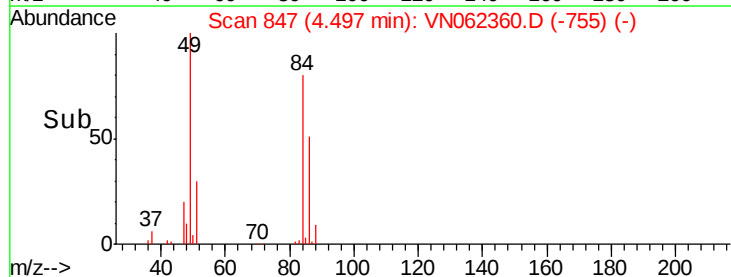
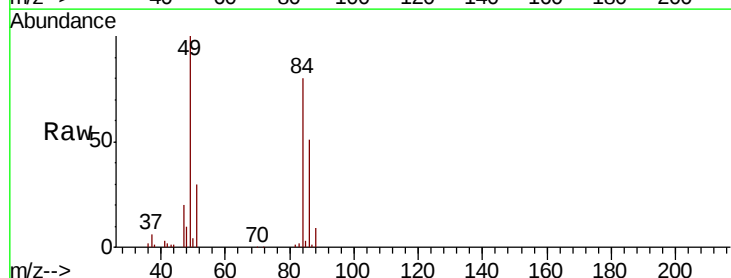
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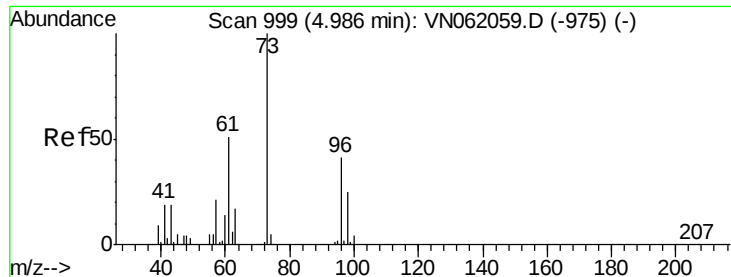
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#20
Methylene Chloride
Concen: 56.293 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion: 84 Resp: 110961
Ion Ratio Lower Upper
84 100
49 125.2 90.6 136.0
51 37.9 27.8 41.8
86 63.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 49.282 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampleId :

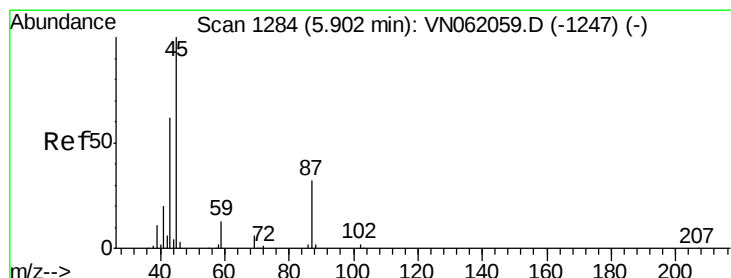
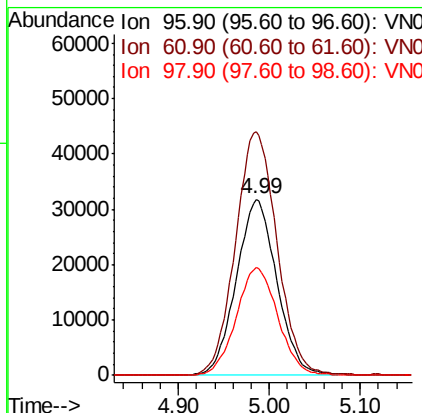
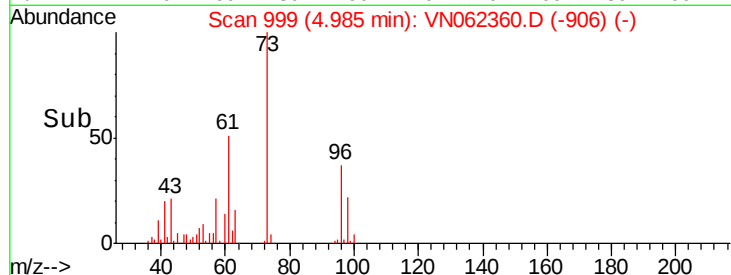
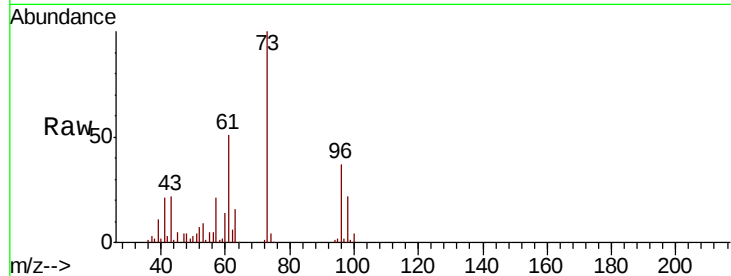
VSTDCCC050EC

Tot Ion:	96	Resp:	98684
Ion	Ratio	Lower	Upper
96	100		
61	138.2	101.4	152.2
98	61.0	49.3	73.9

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#22

Diisopropyl ether

Concen: 60.351 ug/l

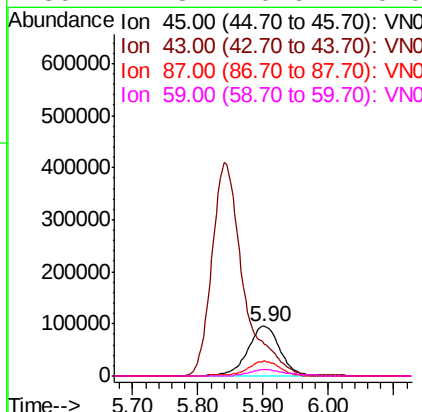
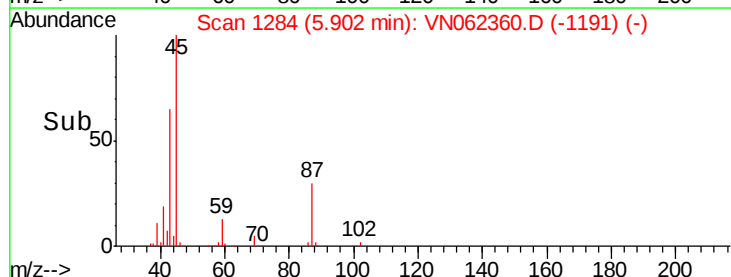
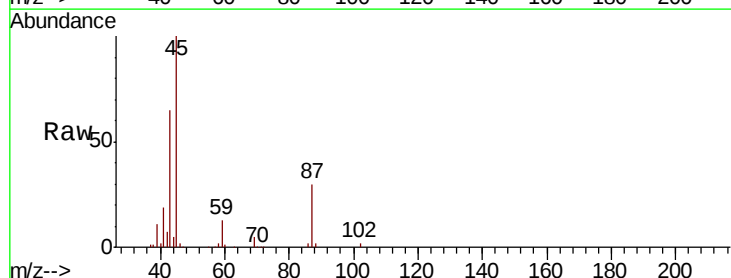
RT: 5.90 min Scan# 1284

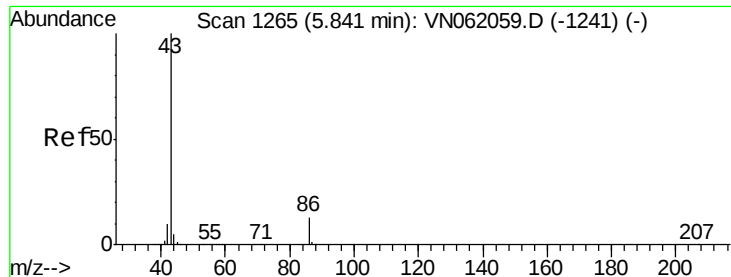
Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Tgt Ion:	45	Resp:	328850
Ion	Ratio	Lower	Upper
45	100		
43	63.6	49.7	74.5
87	29.8	25.9	38.9
59	12.3	10.6	16.0





#23

Vinyl Acetate

Concen: 308.465 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1372295

Ion Ratio Lower Upper

43 100

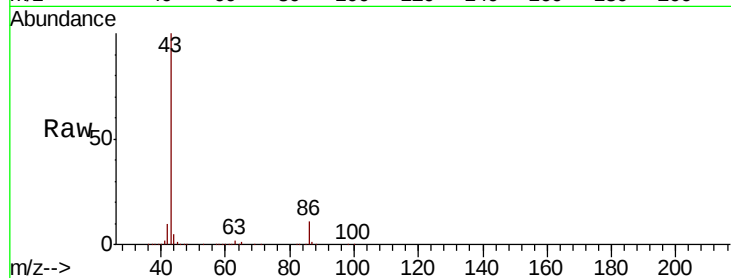
86 11.3 10.1 15.1

Manual Integrations

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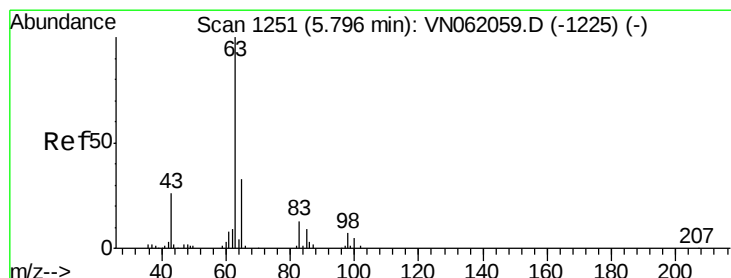
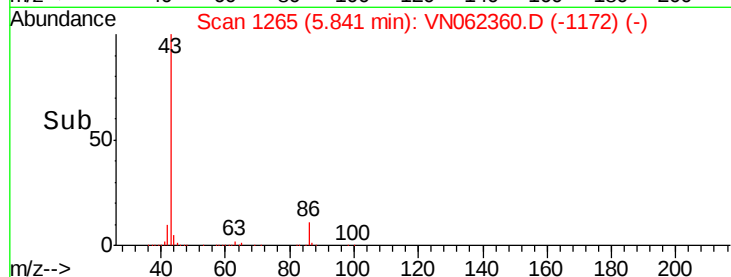
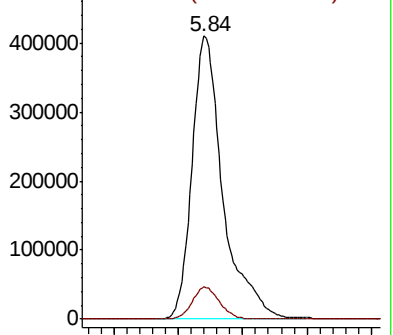
sam

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 56.109 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

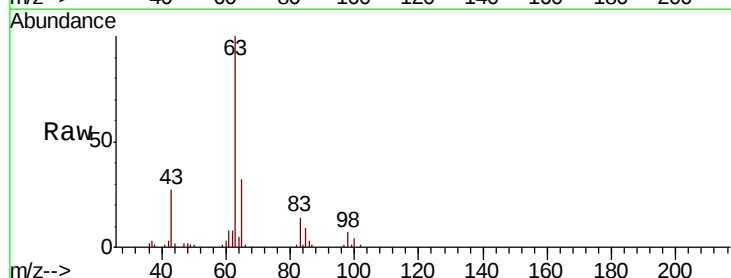
Tgt Ion: 63 Resp: 196878

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

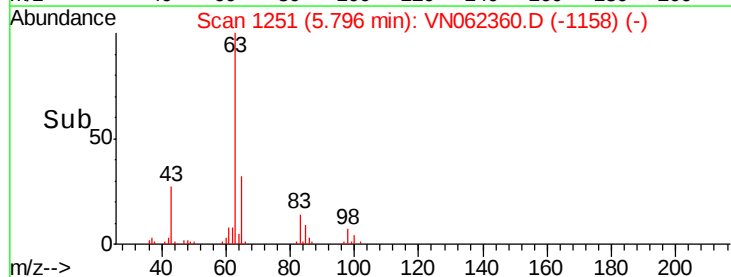
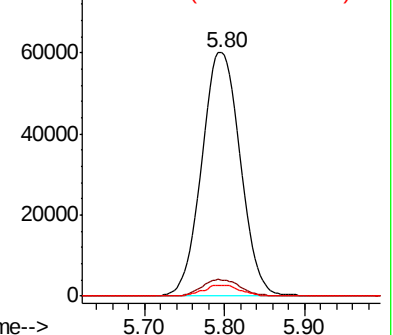
100 4.3 2.4 7.1

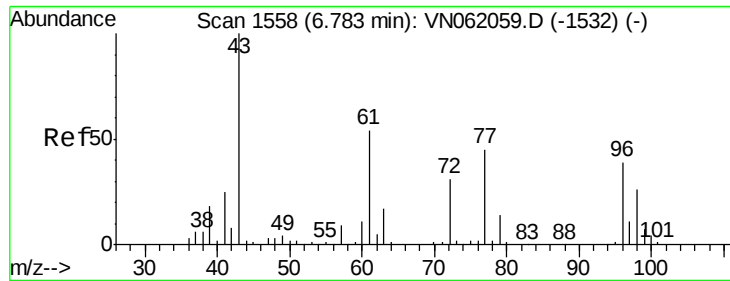


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 314.318 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 330046

Ion Ratio Lower Upper

43 100

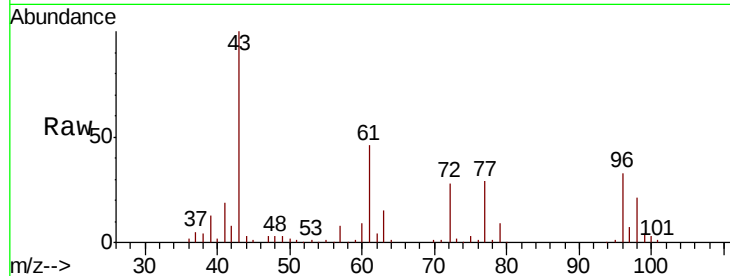
72 28.4 24.8 37.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN062360.D (-1465) (-)

Ion 72.00 (71.70 to 72.70): VN062360.D (-1465) (-)

6.79

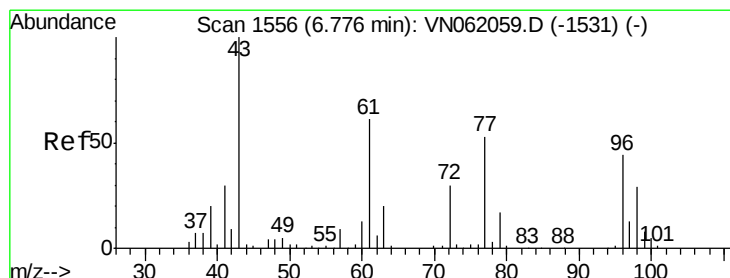
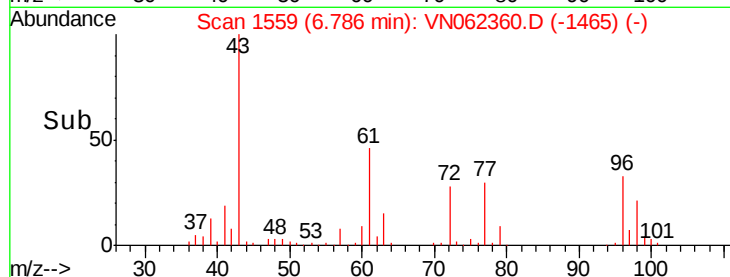
100000

50000

0

6.70 6.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.382 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062360.D

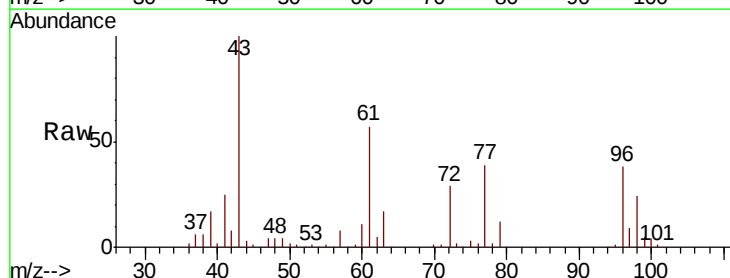
Acq: 3 Jul 2020 2:09

Tgt Ion: 77 Resp: 126846

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062360.D (-1463) (-)

Ion 96.90 (96.60 to 97.60): VN062360.D (-1463) (-)

6.78

40000

30000

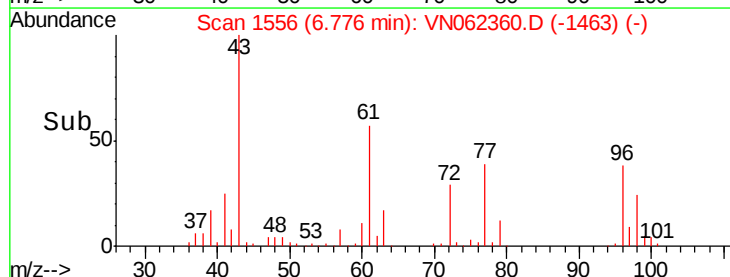
20000

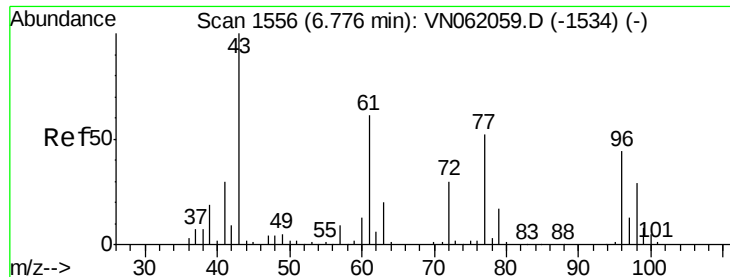
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.298 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

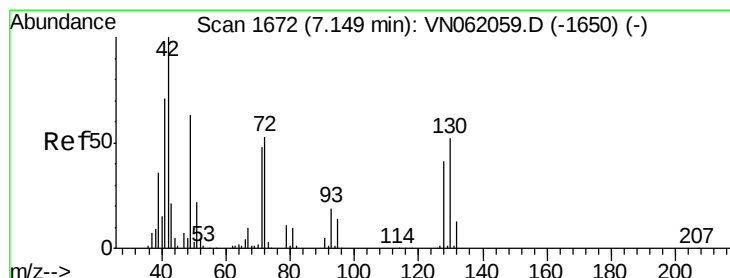
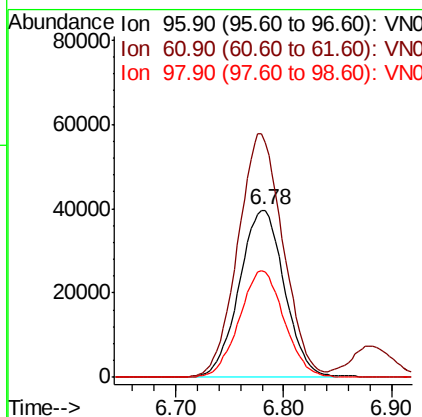
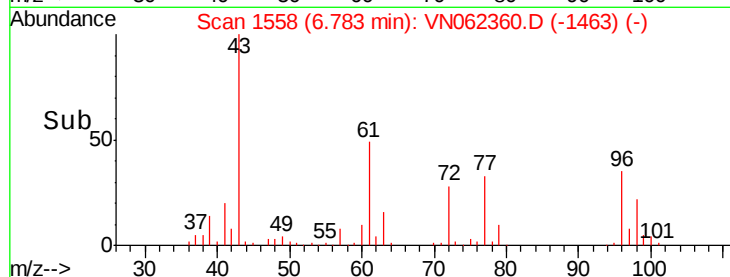
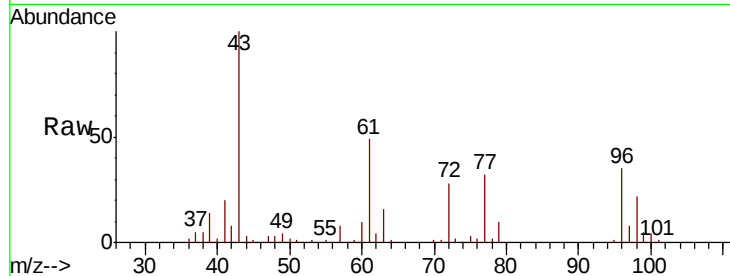
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	11588
Ion Ratio	Lower	Upper	
96	100		
61	145.4	0.0	280.4
98	63.3	0.0	129.4

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#28

Bromochloromethane

Concen: 56.758 ug/l

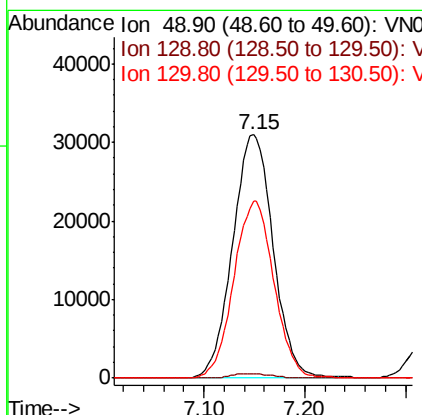
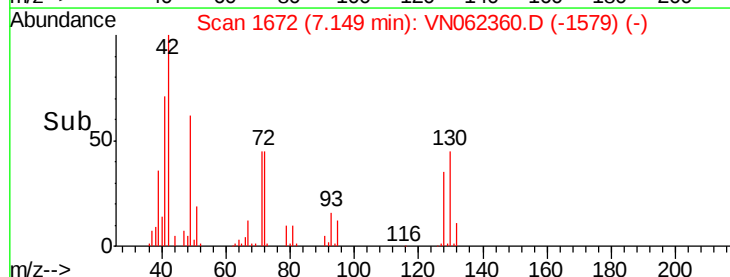
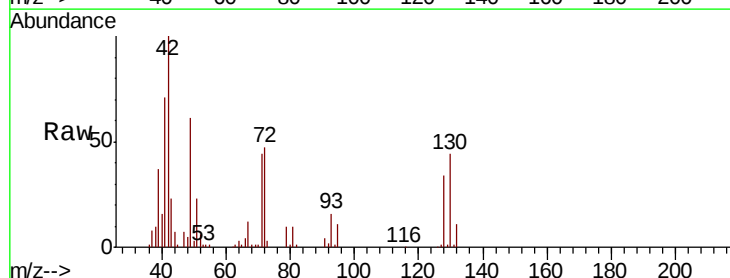
RT: 7.15 min Scan# 1672

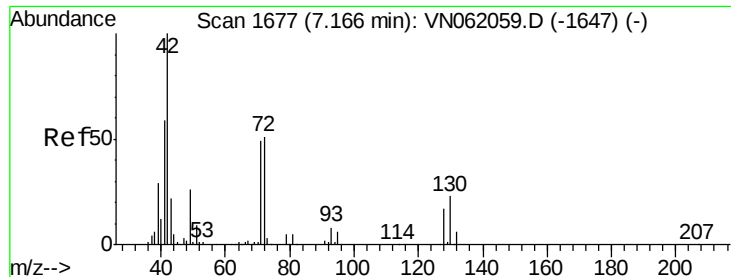
Delta R.T. 0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Tgt Ion:	49	Resp:	86409
Ion Ratio	Lower	Upper	
49	100		
129	0.9	0.0	4.4
130	71.9	65.5	98.3





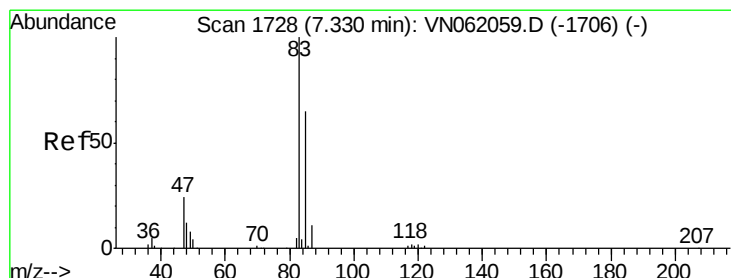
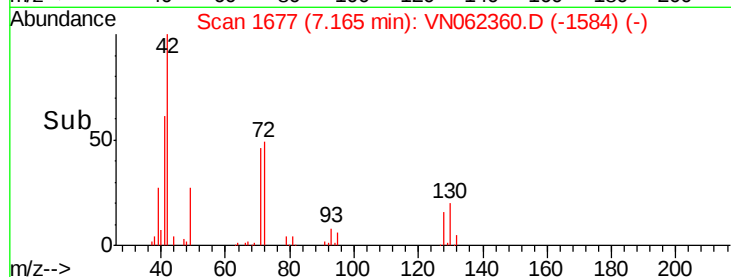
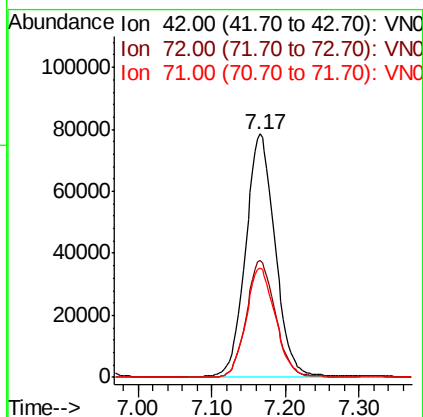
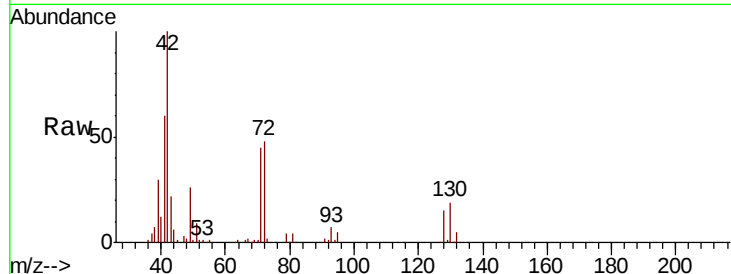
#29
Tetrahydrofuran
Concen: 319.187 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	41.1	61.7
71	44.6	38.2	57.4

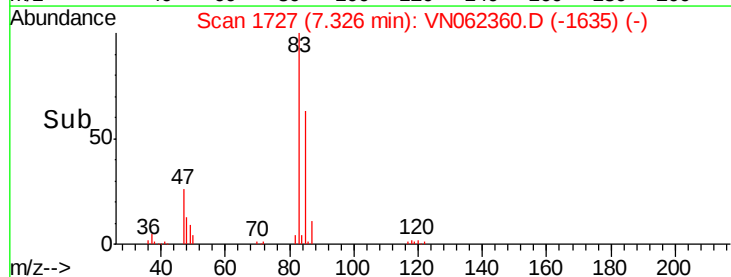
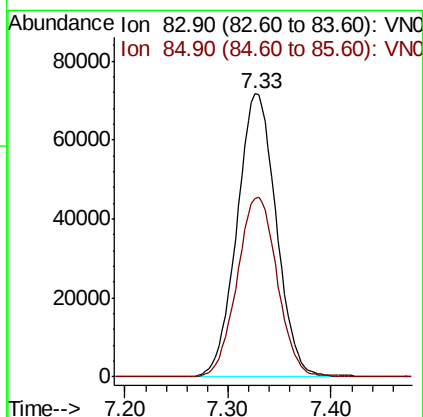
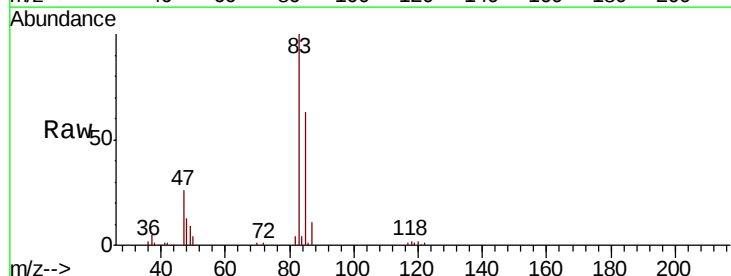
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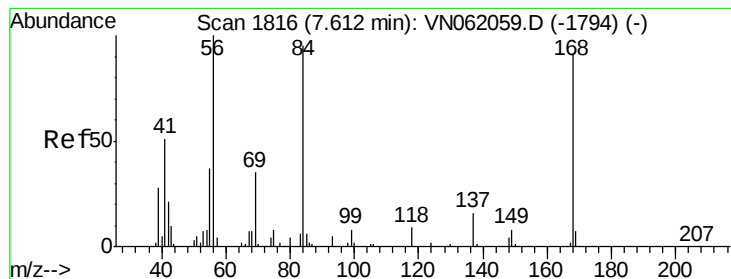
sam
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#30
Chloroform
Concen: 53.196 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.3	78.5





#31

Cyclohexane

Concen: 52.007 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 154357

Ion Ratio Lower Upper

56 100

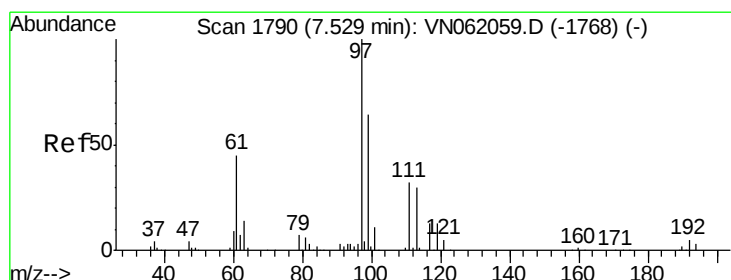
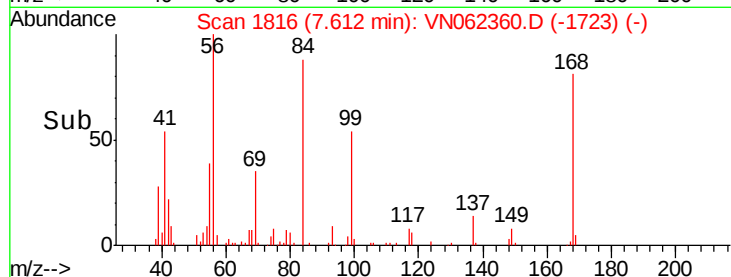
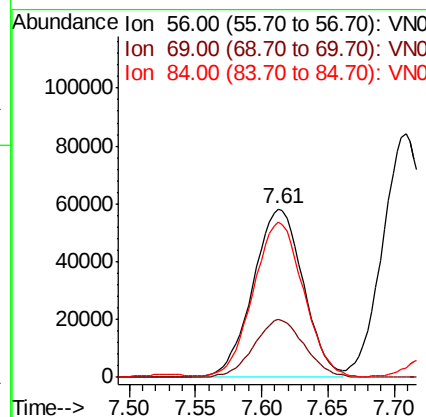
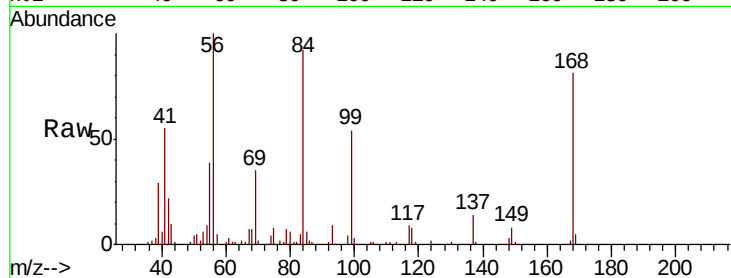
69 34.6 28.0 42.0

84 90.8 76.1 114.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.142 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

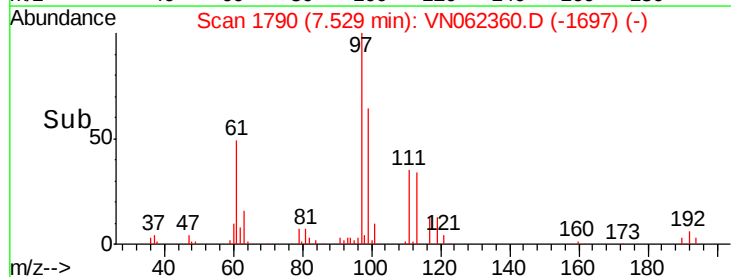
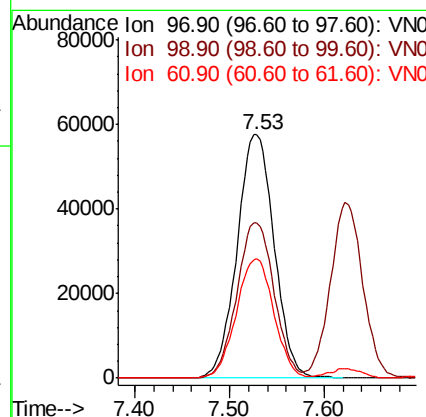
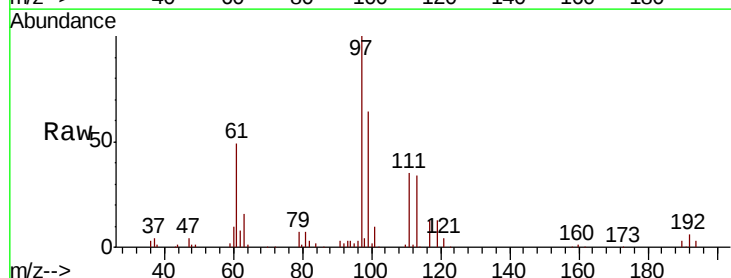
Tgt Ion: 97 Resp: 156982

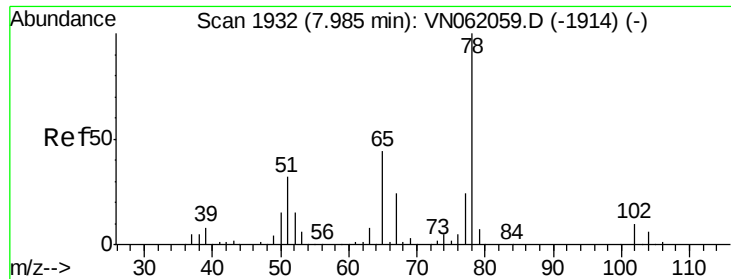
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 49.5 36.2 54.2





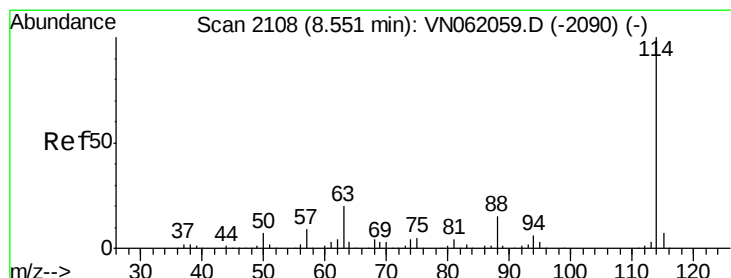
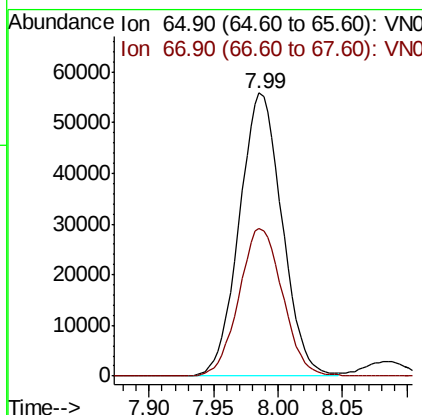
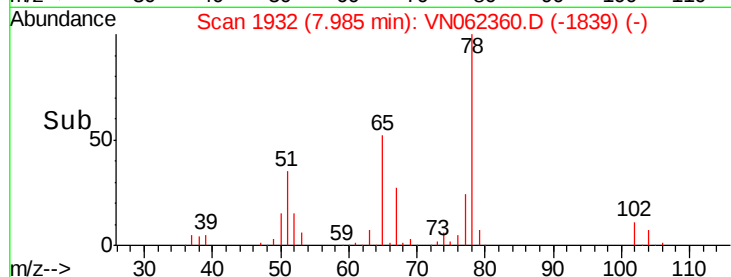
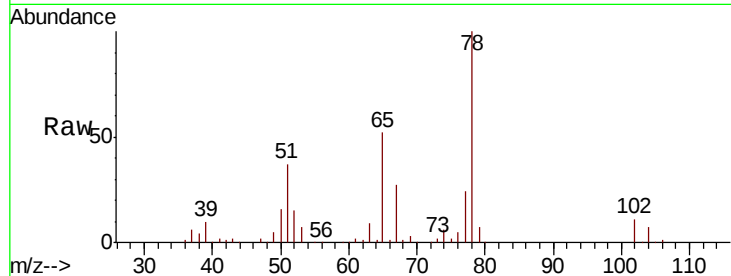
#33
 1,2-Dichloroethane-d4
 Concen: 60.103 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129117		
67	53.1	0.0	106.2	

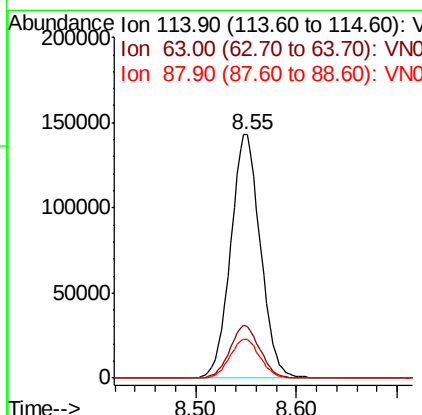
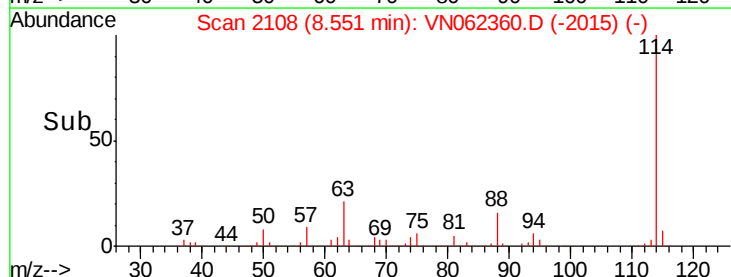
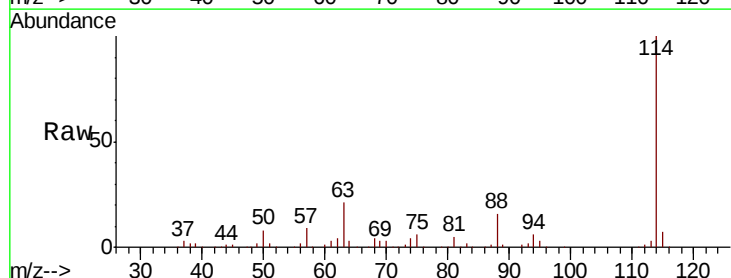
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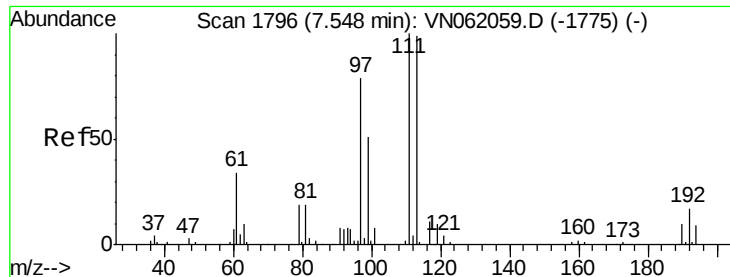
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	292678		
63	21.4	0.0	39.2	
88	16.1	0.0	30.8	





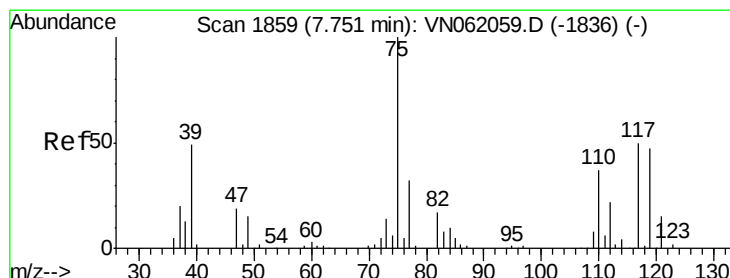
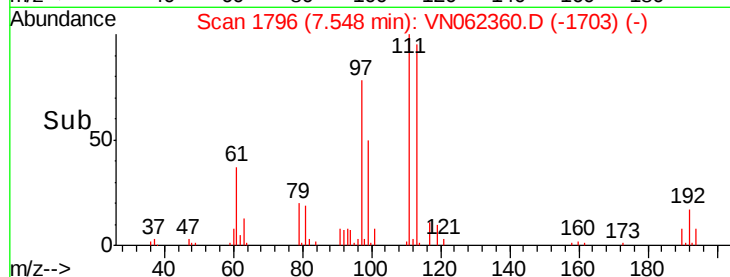
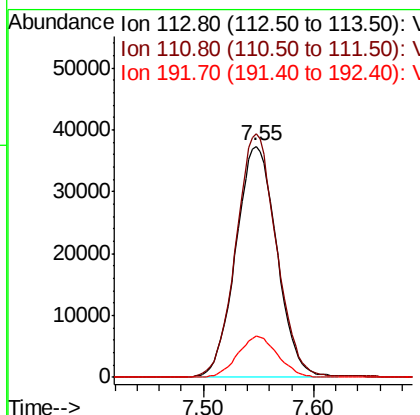
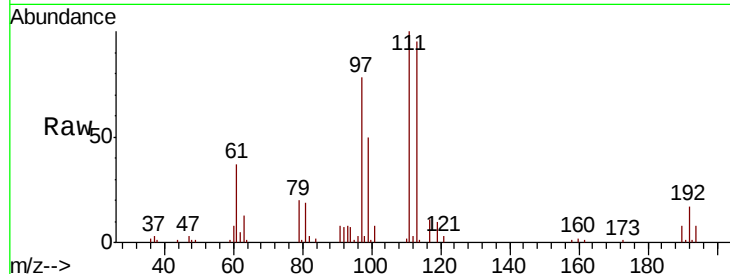
#35
 Dibromofluoromethane
 Concen: 51.286 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	96299		
111	103.9	82.2	123.4	
192	17.3	14.0	21.0	

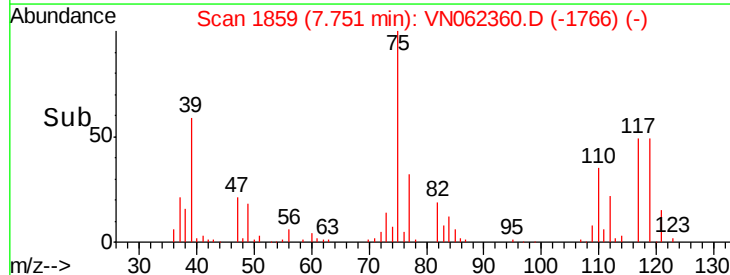
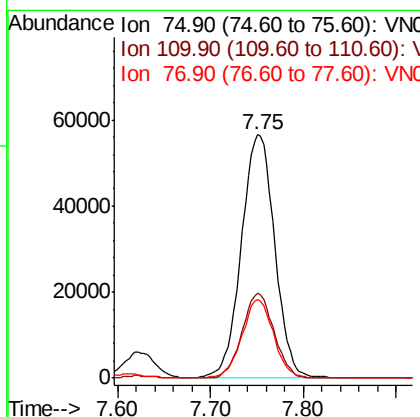
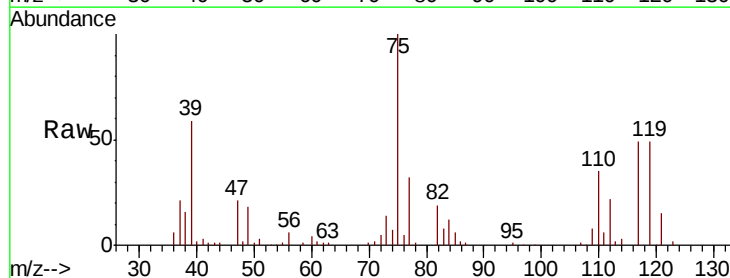
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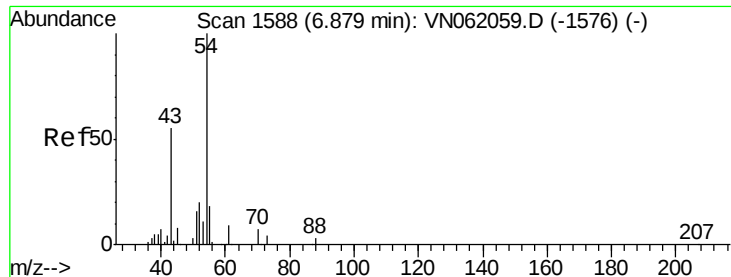
sam
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#36
 1,1-Dichloropropene
 Concen: 48.093 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	141484		
110	33.2	17.9	53.8	
77	30.7	24.9	37.3	





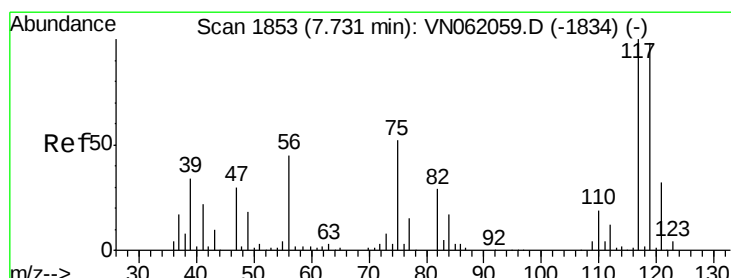
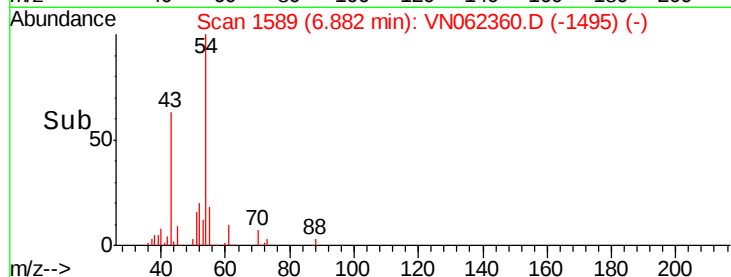
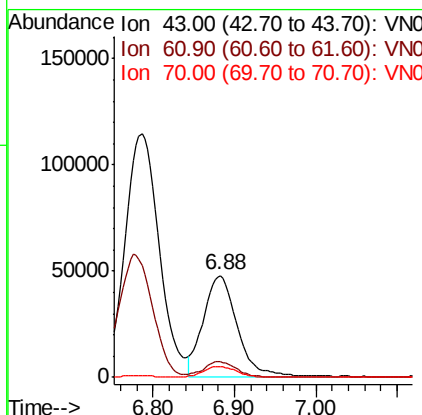
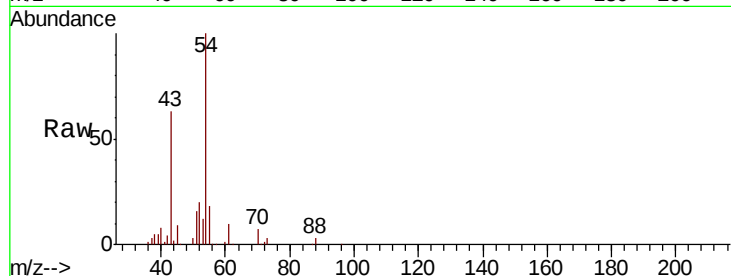
#37
Ethyl Acetate
Concen: 56.801 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.0	18.0
70	10.5	9.6	14.4

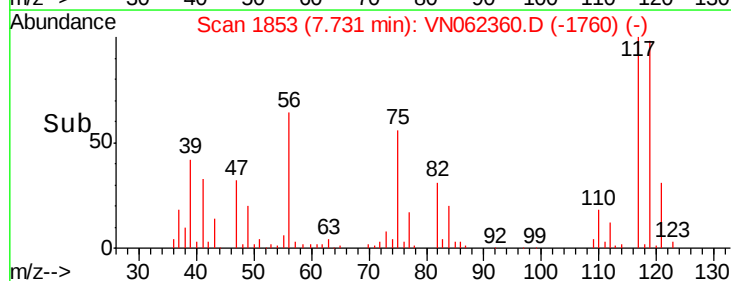
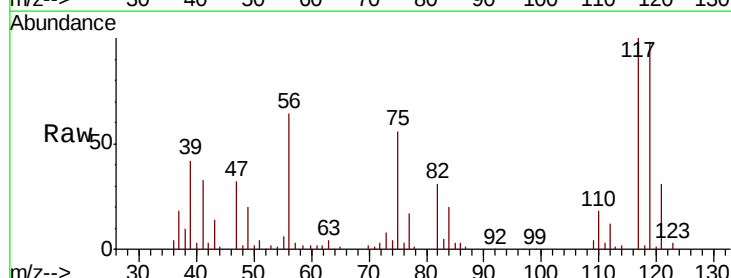
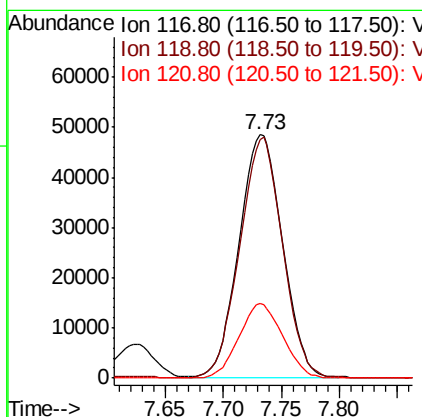
Manual Integrations
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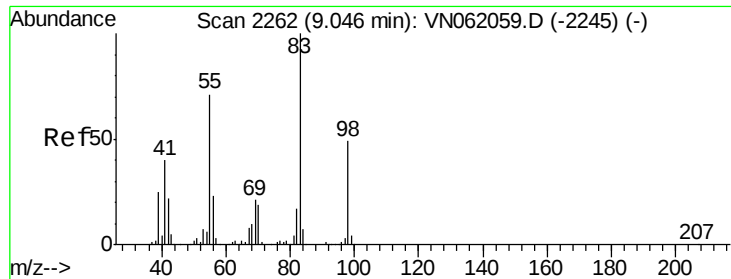
sam
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#38
Carbon Tetrachloride
Concen: 45.435 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.2	117.2
121	31.0	25.8	38.6





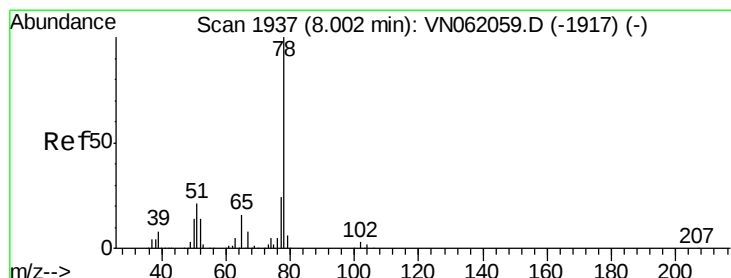
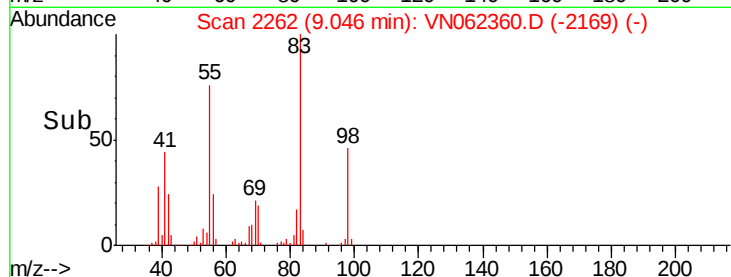
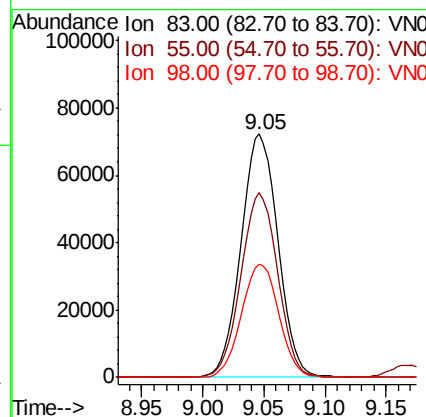
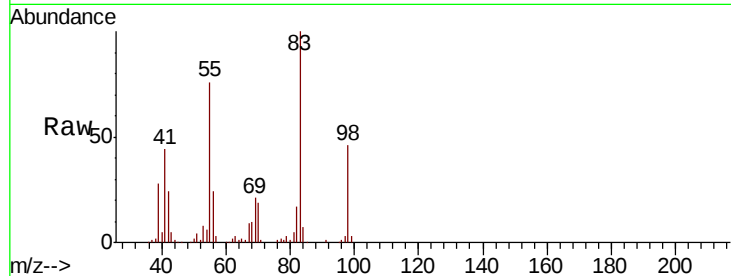
#39
Methvlcvclohexane
Concen: 46.944 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.6	57.0	85.6	
98	46.2	39.0	58.6	

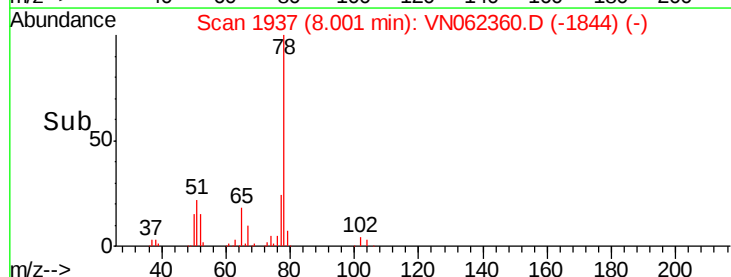
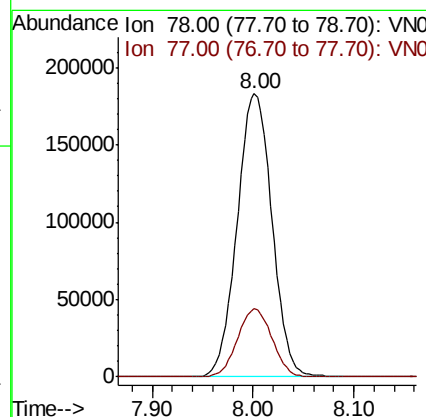
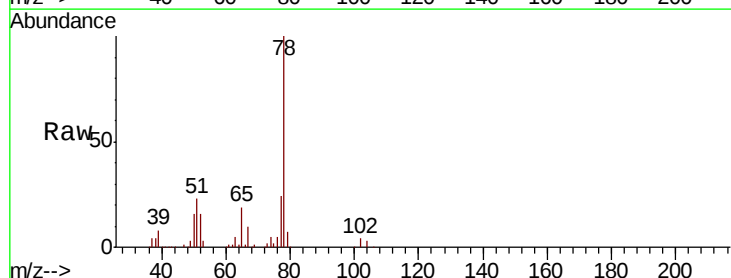
Manual Integrations
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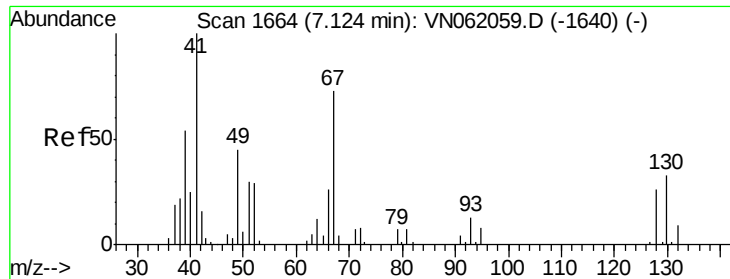
sam
7/6/2020 11:34:26 AM



#40
Benzene
Concen: 48.902 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.5	29.3	





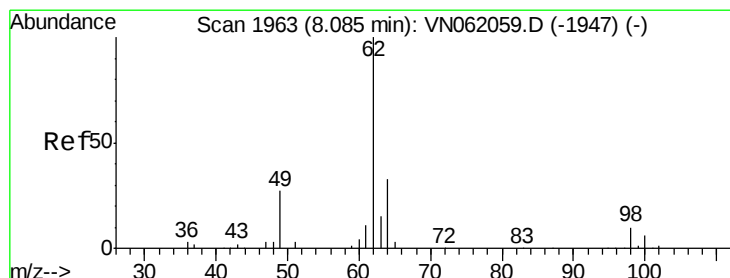
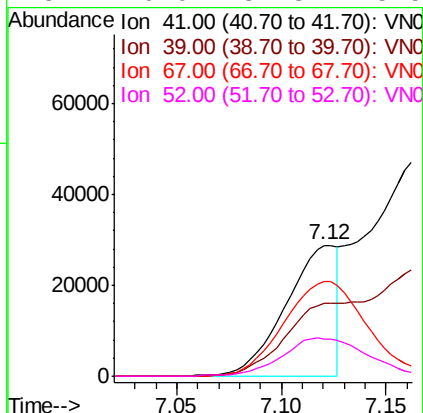
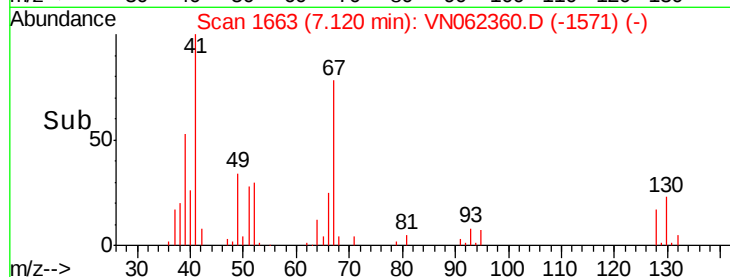
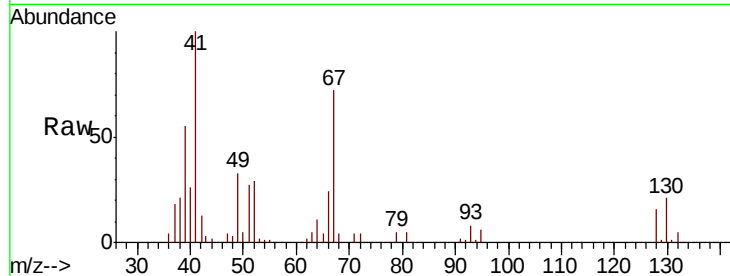
#41
Methacrylonitrile
Concen: 44.296 ug/l m
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 41 Resp: 50026
Ion Ratio Lower Upper
41 100
39 209.1 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#

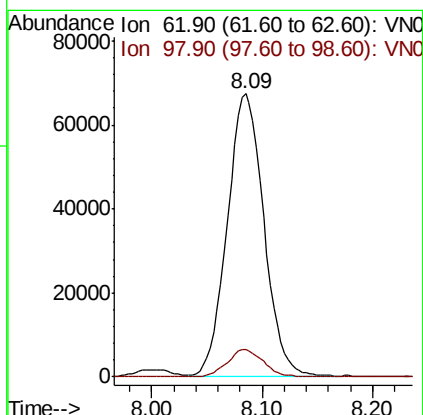
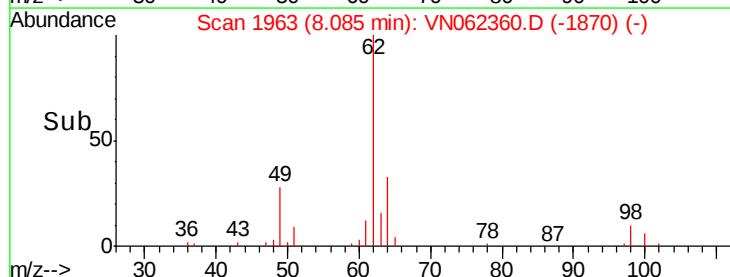
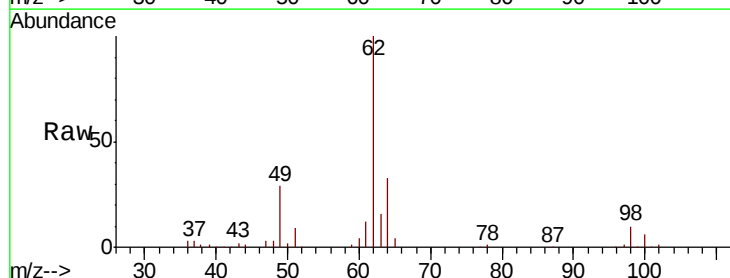
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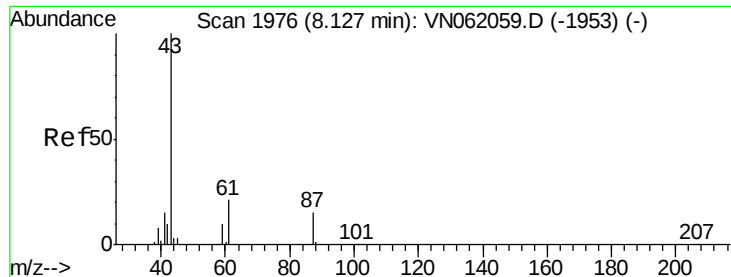
sam
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#42
1,2-Dichloroethane
Concen: 51.015 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion: 62 Resp: 154551
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





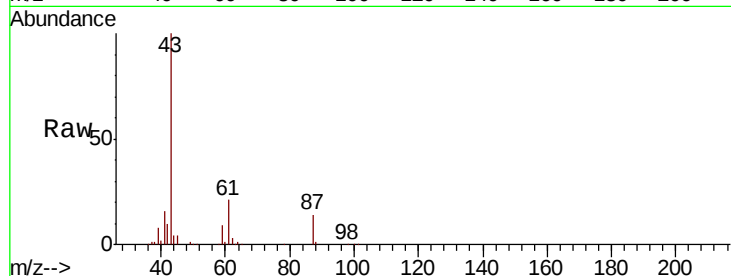
#43
Isopropyl Acetate
Concen: 57.340 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

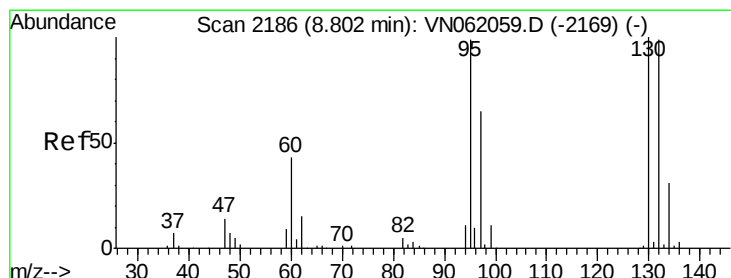
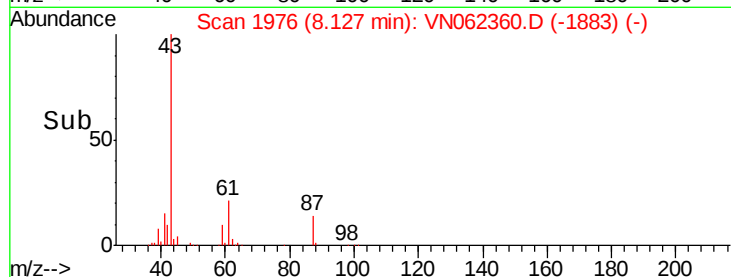
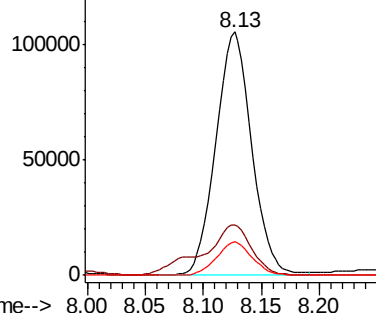
Tot Ion	Ratio	Lower	Upper
43	100		
61	27.7	17.2	25.8
87	13.5	12.1	18.1

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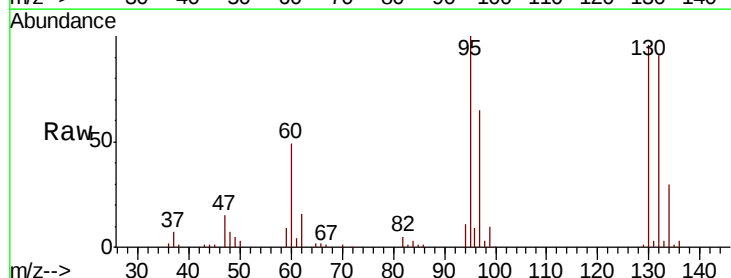


Abundance Ion 43.00 (42.70 to 43.70): VN062360.D (-1953) (-)
Ion 61.00 (60.70 to 61.70): VN062360.D (-1953) (-)
Ion 87.00 (86.70 to 87.70): VN062360.D (-1953) (-)

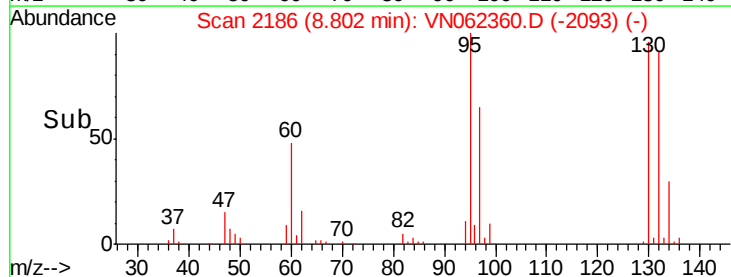
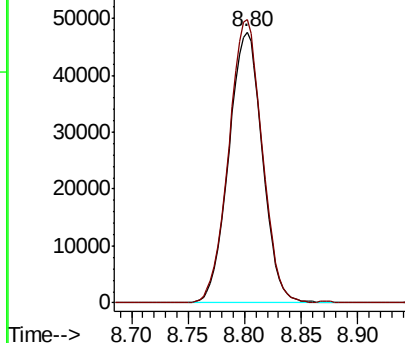


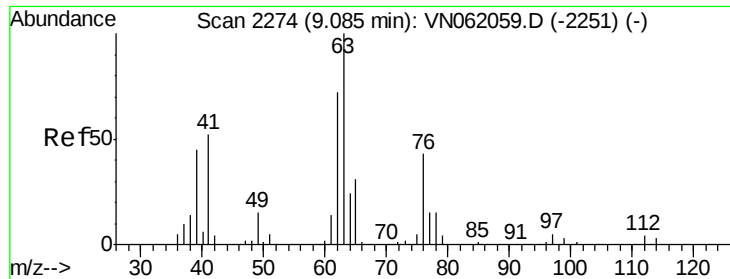
#44
Trichloroethene
Concen: 43.572 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062360.D (-2169) (-)
Ion 94.90 (94.60 to 95.60): VN062360.D (-2169) (-)





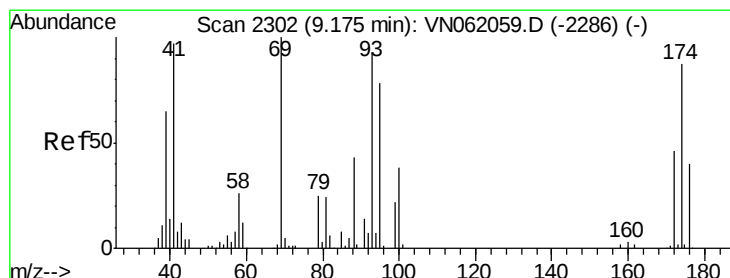
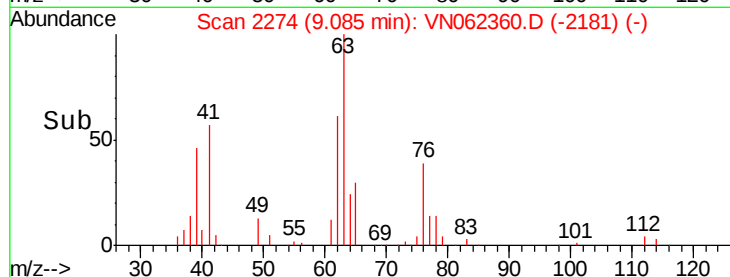
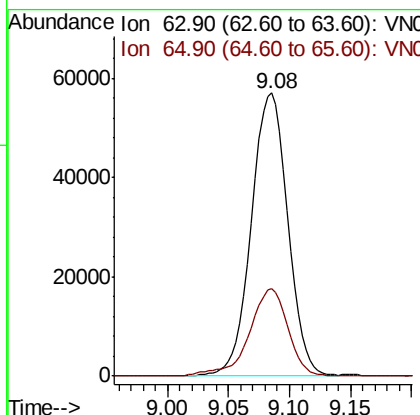
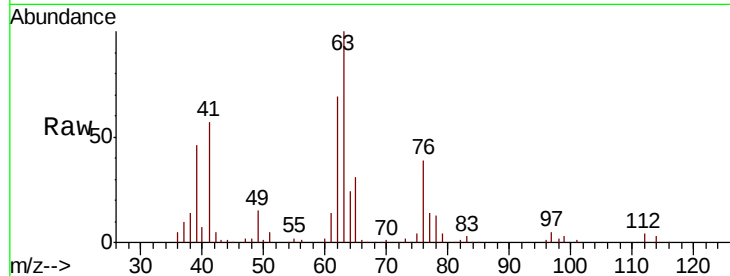
#45
 1,2-Dichloropropane
 Concen: 53.294 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 117892
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.4

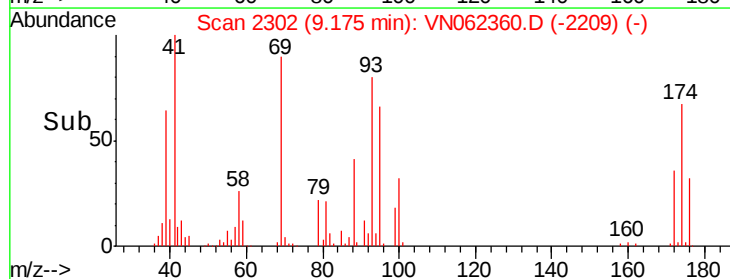
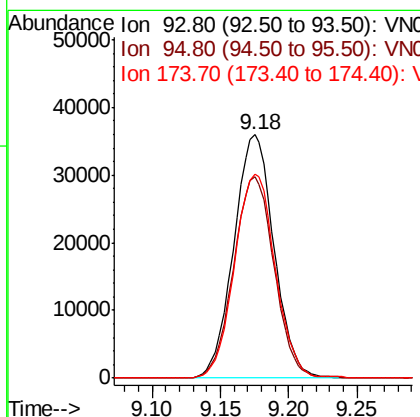
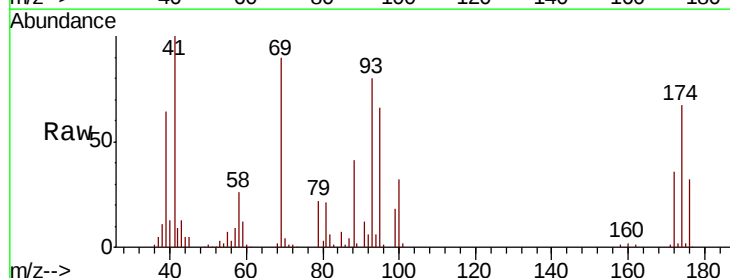
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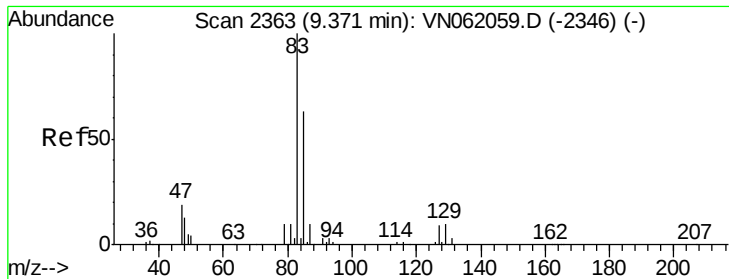
sam
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#46
 Dibromomethane
 Concen: 49.034 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion: 93 Resp: 73543
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.0 100.6
 174 85.1 74.4 111.6





#47

Bromodichloromethane

Concen: 51.554 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

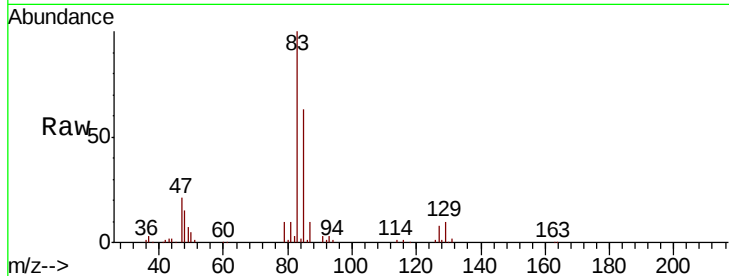
ClientSampled :

VSTDCCC050EC

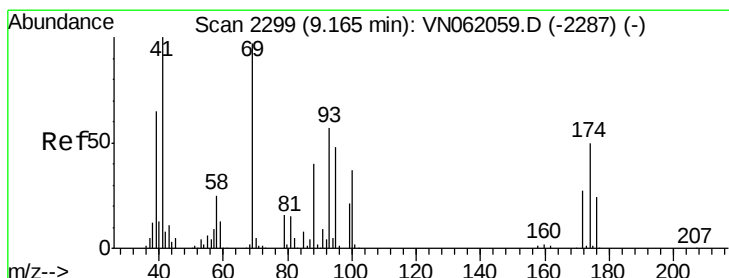
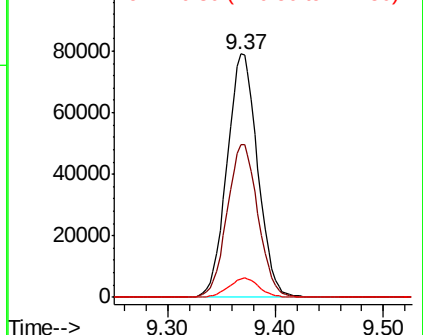
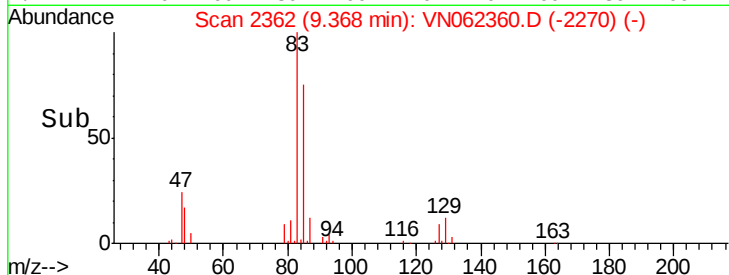
Tot Ion:	83	Resp:	156124
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.3	75.5
127	7.8	6.9	10.3

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Abundance Ion 82.90 (82.60 to 83.60): VN062360.D (-2270) (-)



#48

Methyl methacrylate

Concen: 59.500 ug/l

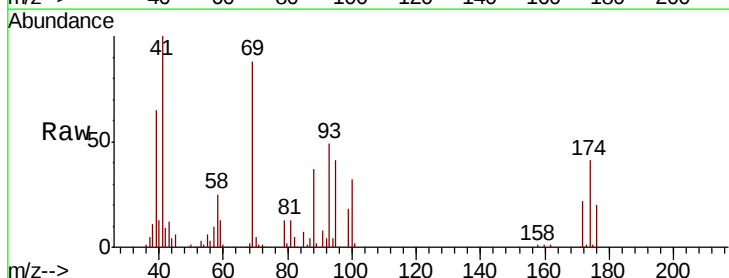
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

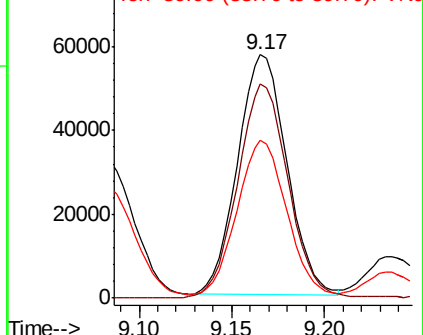
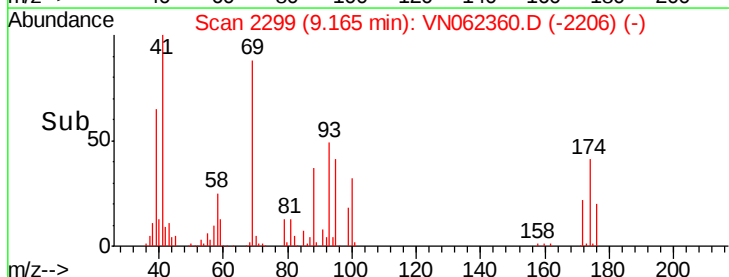
Lab File: VN062360.D

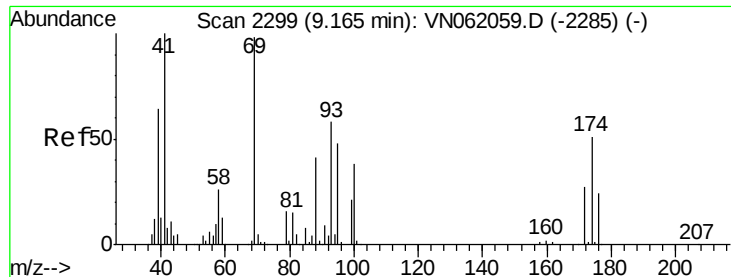
Acq: 3 Jul 2020 2:09

Tgt Ion:	41	Resp:	105941
Ion Ratio	Lower	Upper	
41	100		
69	91.4	80.7	121.1
39	66.8	54.5	81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062360.D (-2206) (-)





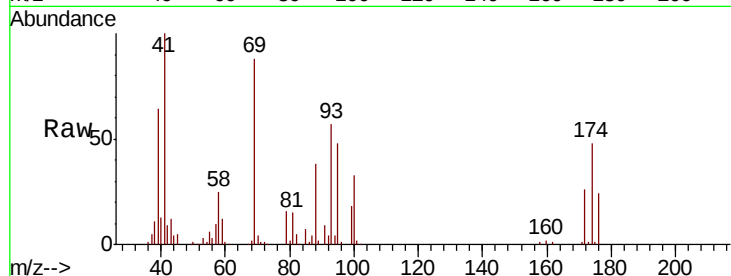
#49
1,4-Dioxane
Concen: 1155.920 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

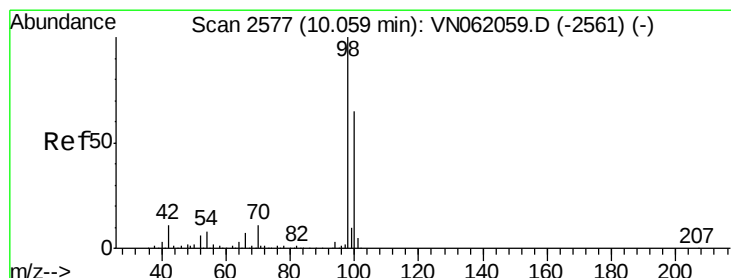
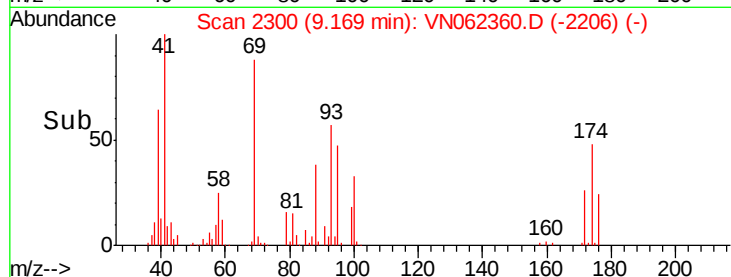
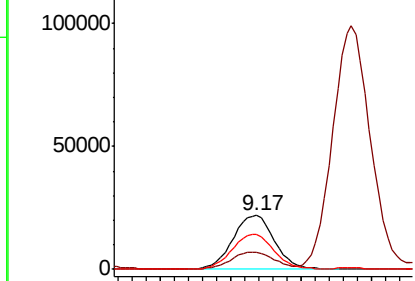
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	22.0	33.0
58	65.5	49.2	73.8

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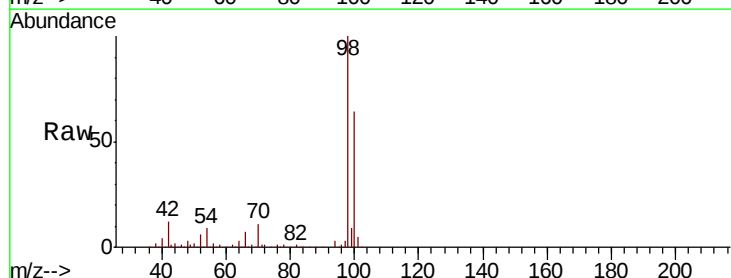


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

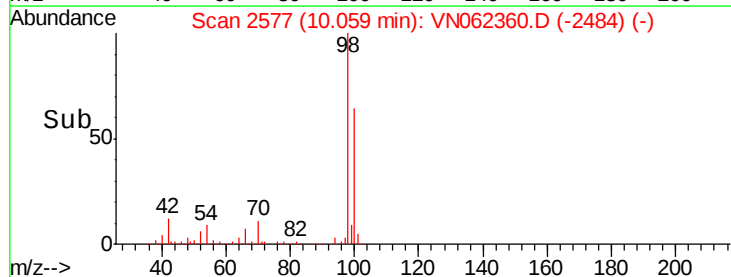
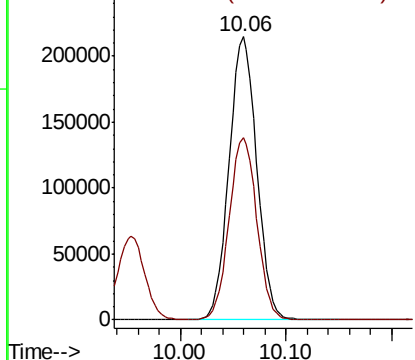


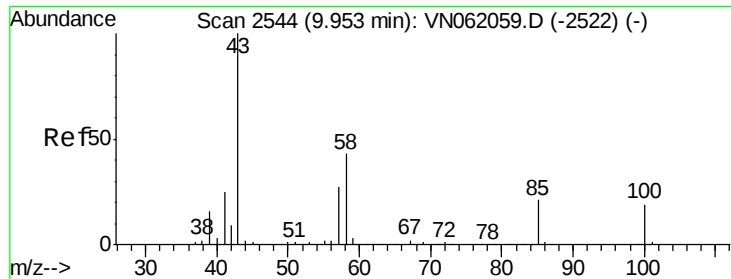
#50
Toluene-d8
Concen: 51.998 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 304.586 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 706682

Ion Ratio Lower Upper

43 100

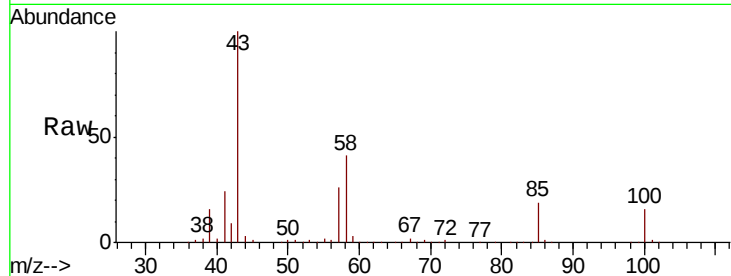
58 40.7 34.2 51.2

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Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

400000

300000

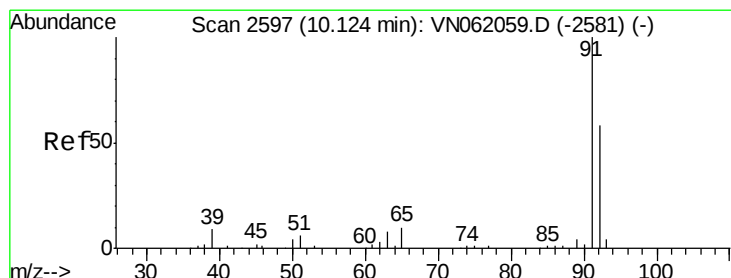
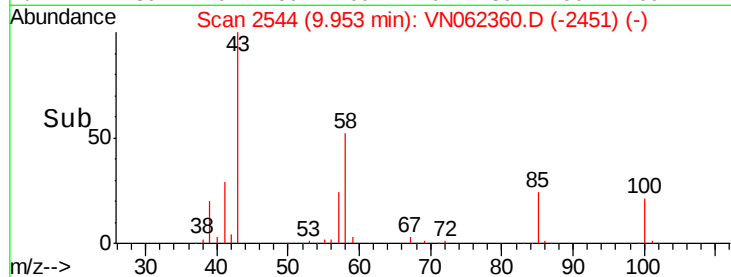
200000

100000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 49.769 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062360.D

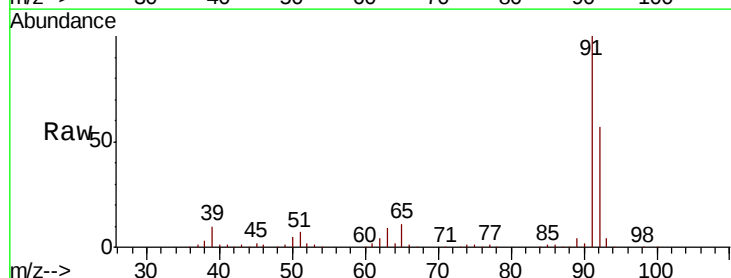
Acq: 3 Jul 2020 2:09

Tgt Ion: 92 Resp: 272289

Ion Ratio Lower Upper

92 100

91 174.0 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

300000

250000

200000

150000

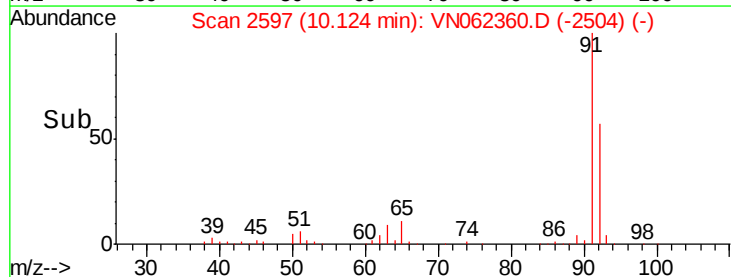
100000

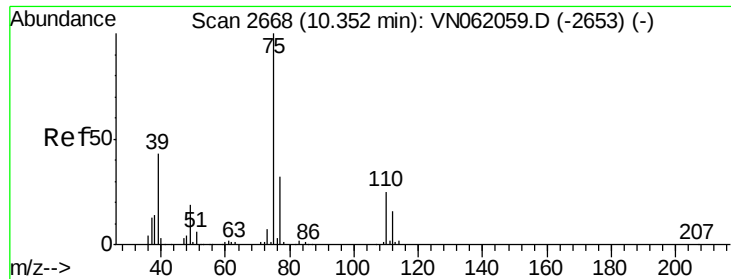
50000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.190 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 170551

Ion Ratio Lower Upper

75 100

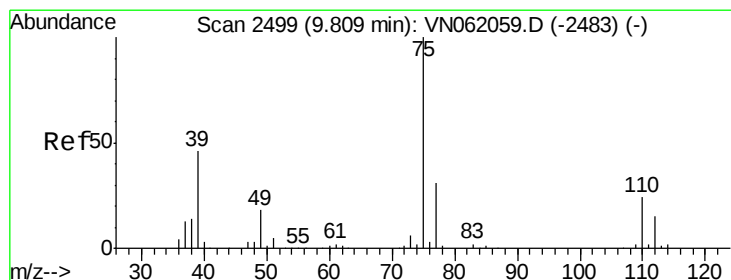
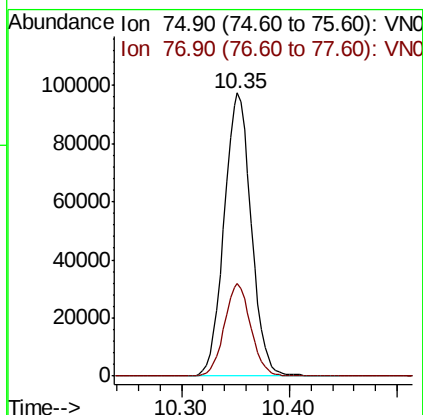
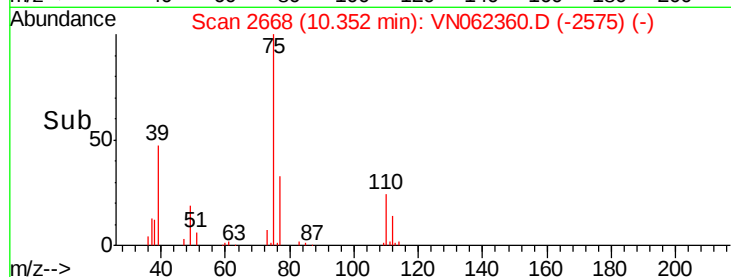
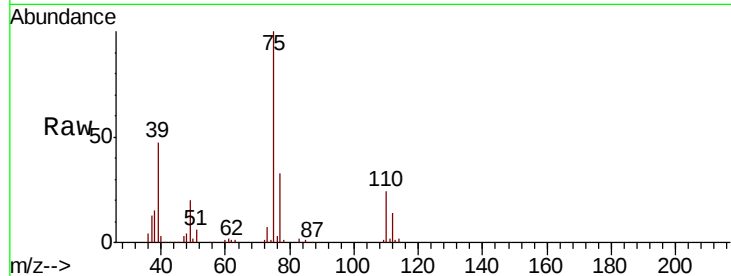
77 32.6 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 51.301 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

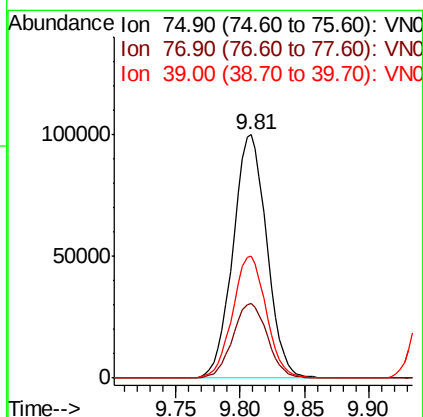
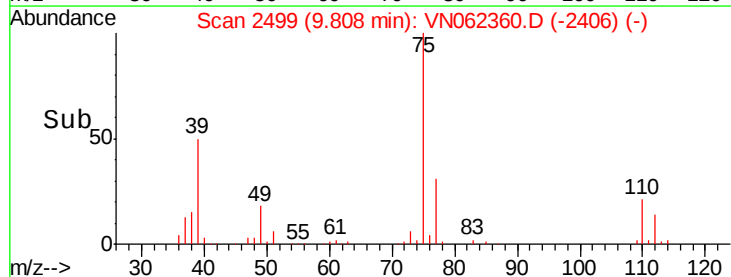
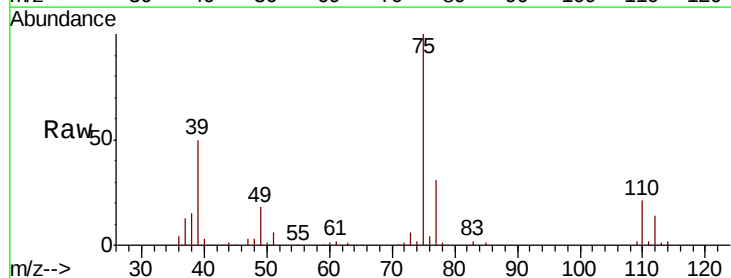
Tgt Ion: 75 Resp: 181970

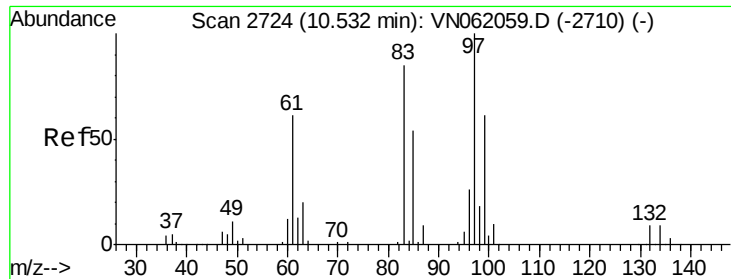
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.6

39 50.1 36.9 55.3





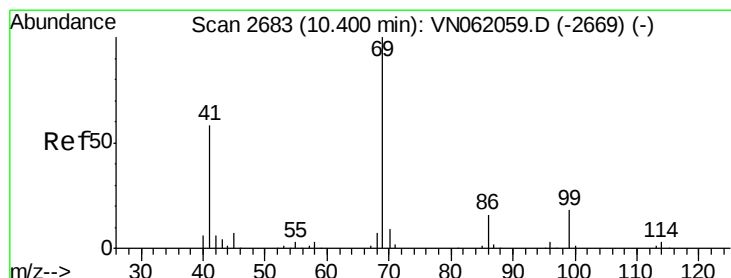
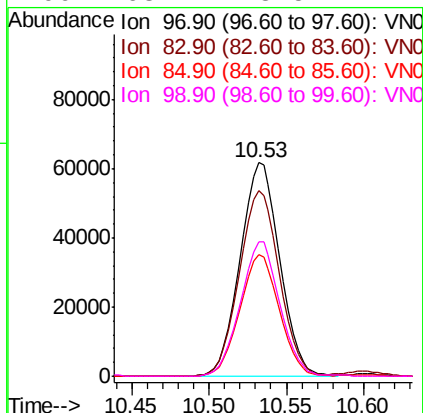
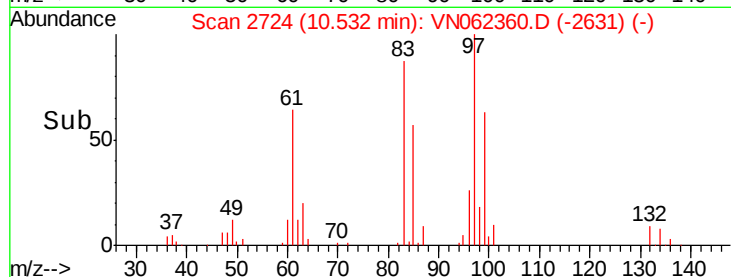
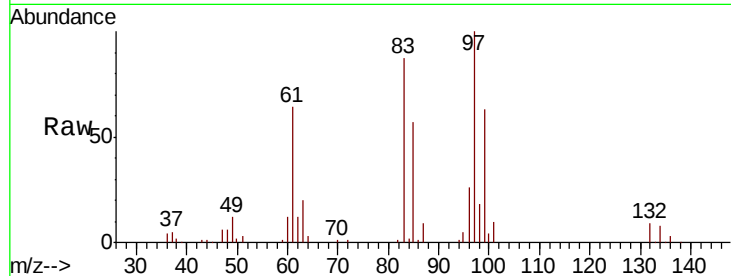
#55
 1,1,2-Trichloroethane
 Concen: 51.198 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	110106
Ion Ratio	Lower	Upper	
97	100		
83	86.7	68.2	102.2
85	56.9	43.2	64.8
99	63.2	48.5	72.7

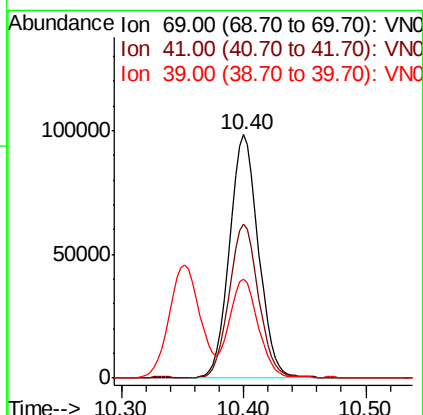
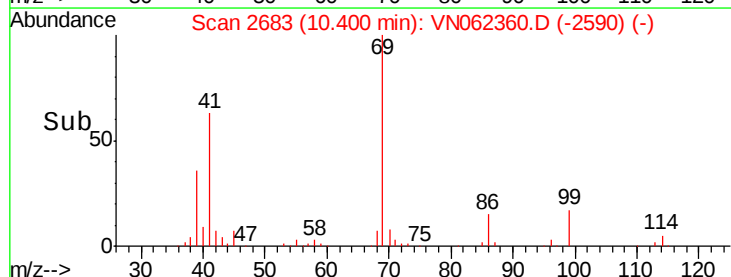
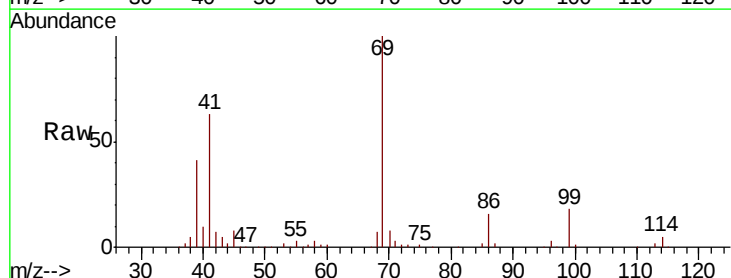
Manual Integrations
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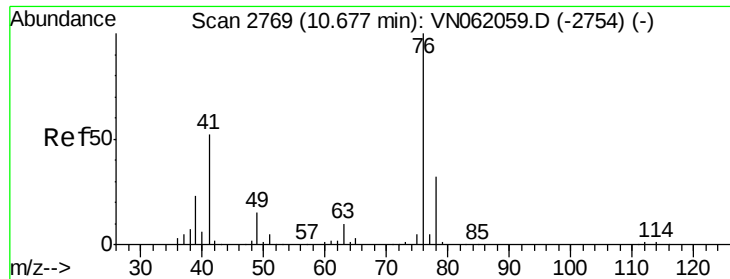
sam
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#56
 Ethyl methacrylate
 Concen: 56.986 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion:	69	Resp:	163555
Ion Ratio	Lower	Upper	
69	100		
41	63.6	46.6	70.0
39	40.2	31.0	46.4





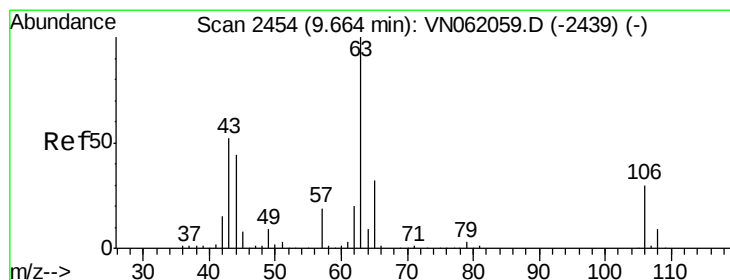
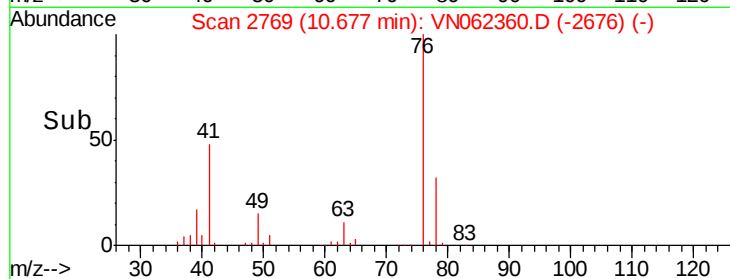
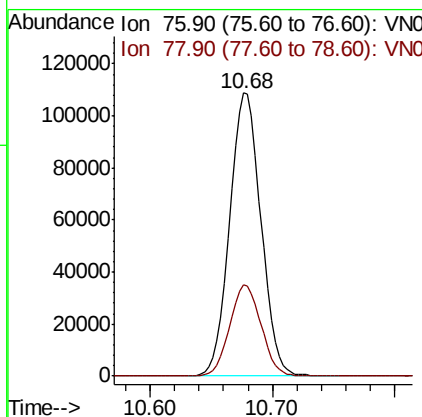
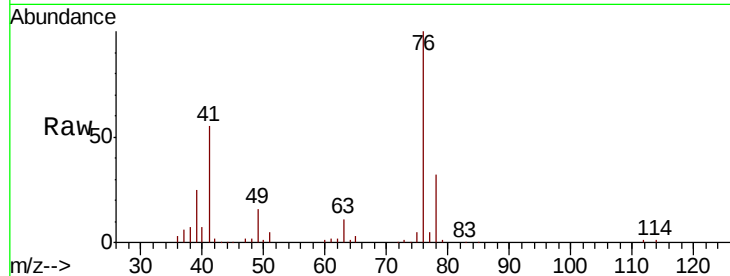
#57
 1,3-Dichloropropane
 Concen: 52.526 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 194438
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

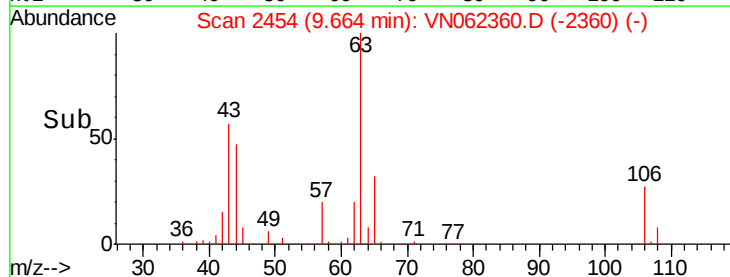
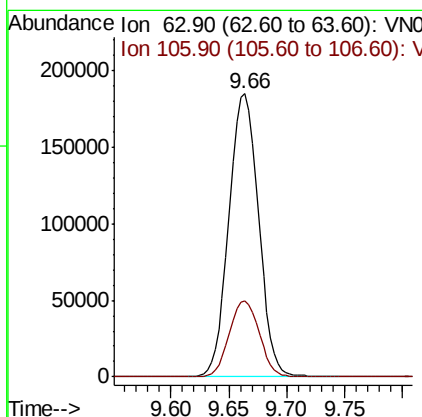
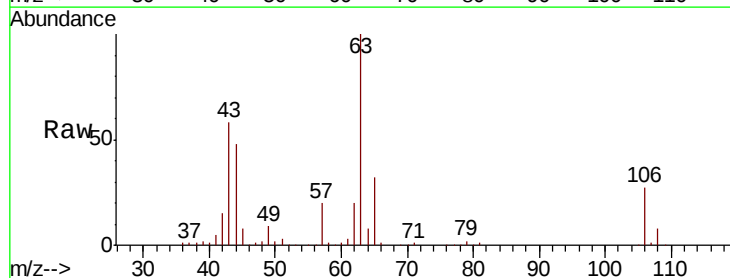
Manual Integrations
 APPROVED

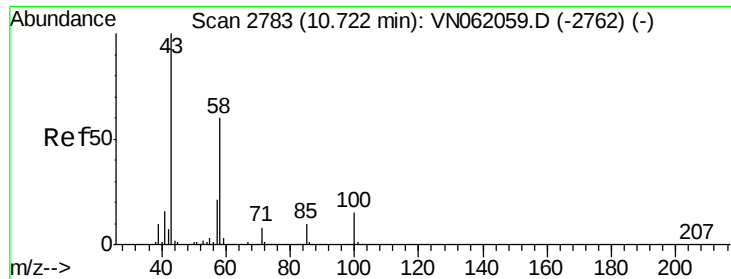
sam
 7/6/2020 11:34:26 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.212 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion: 63 Resp: 327966
 Ion Ratio Lower Upper
 63 100
 106 27.3 23.2 34.8





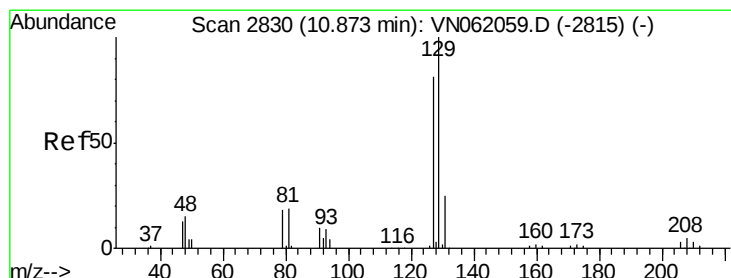
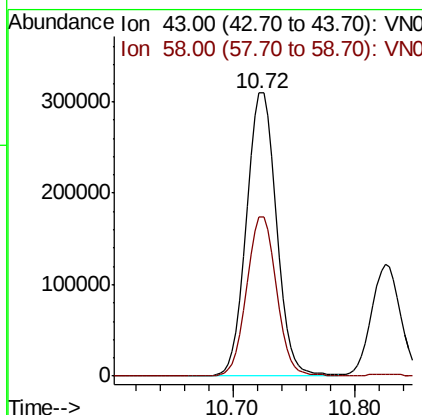
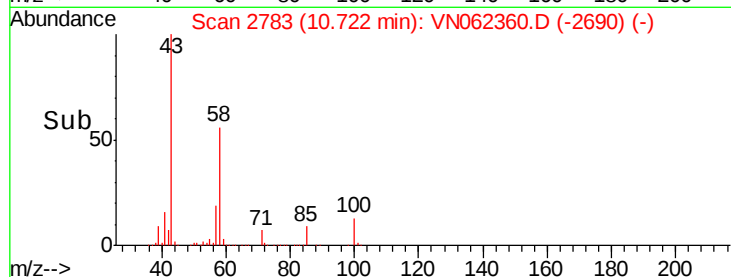
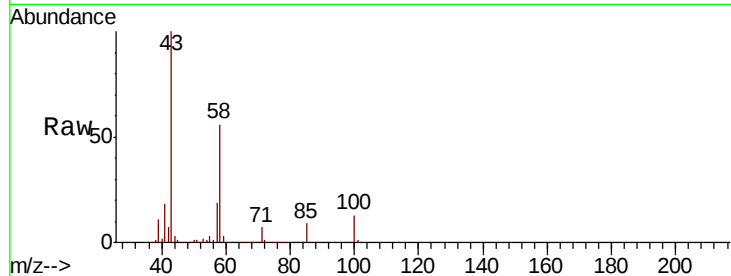
#59
2-Hexanone
Concen: 312.064 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	522823
Ion Ratio	100	Lower	Upper
43	100		
58	56.1	29.5	88.5

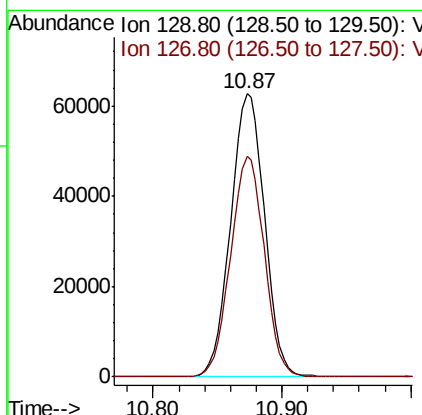
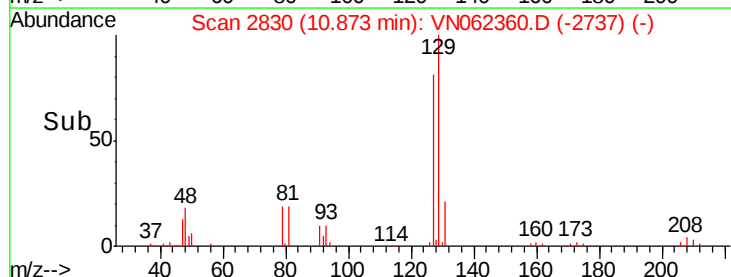
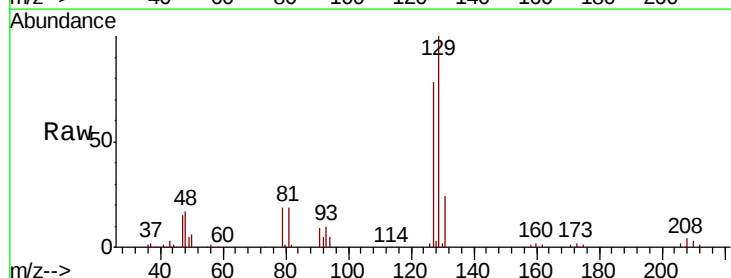
Manual Integrations
APPROVED

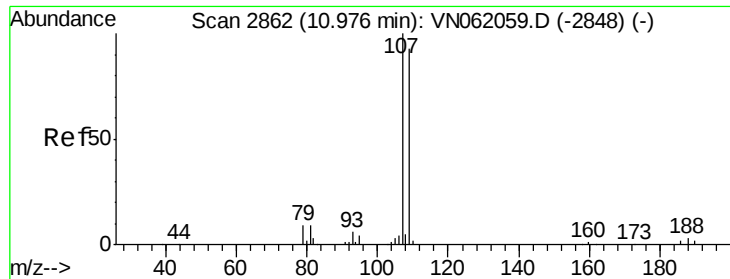
sam
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#60
Dibromochloromethane
Concen: 50.290 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	129	Resp	114505
Ion Ratio	100	Lower	Upper
129	100		
127	77.3	39.5	118.5





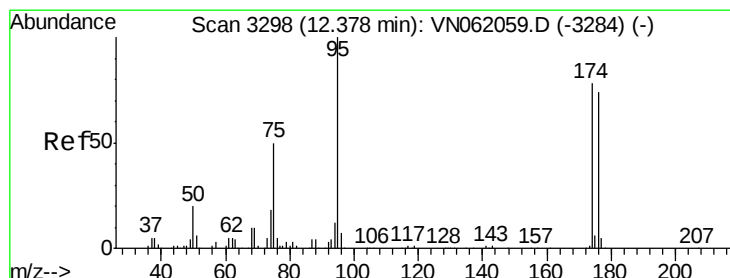
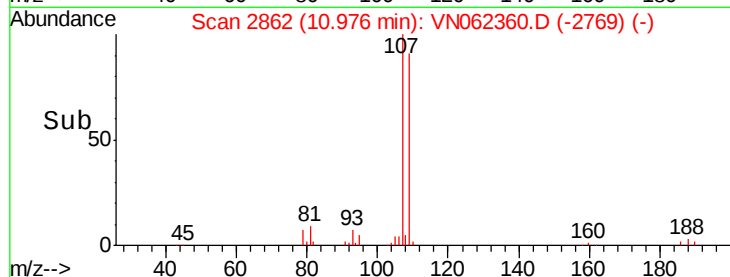
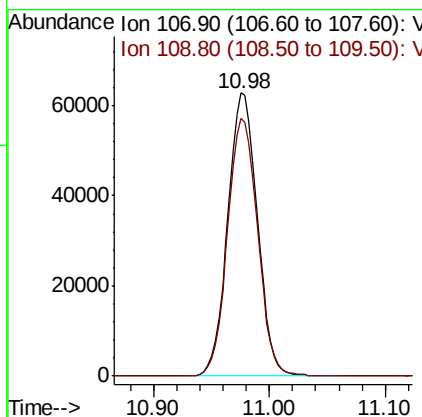
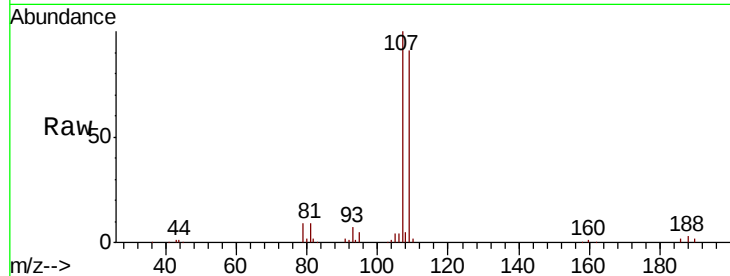
#61
 1,2-Dibromoethane
 Concen: 50.284 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	75.0	112.6

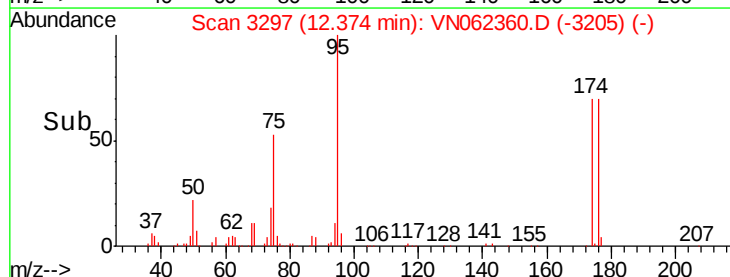
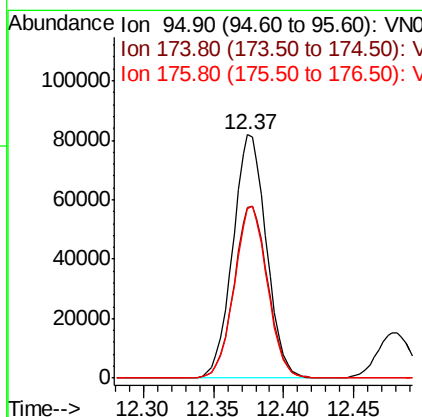
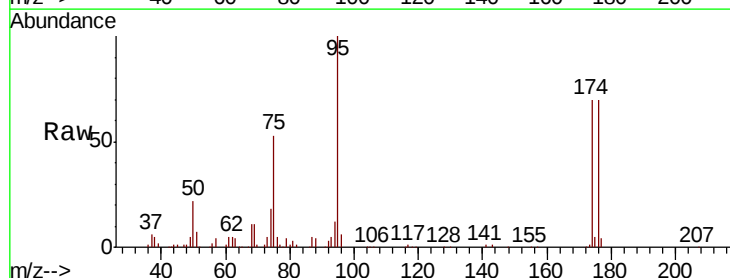
Manual Integrations
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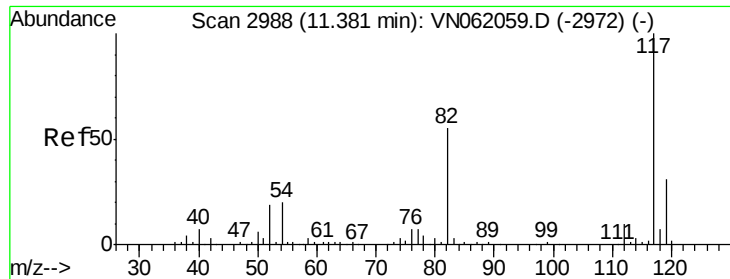
sam
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#62
 4-Bromofluorobenzene
 Concen: 53.811 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	154.8
176	69.4	0.0	147.4





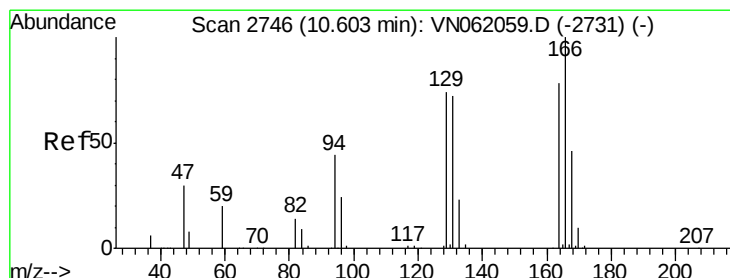
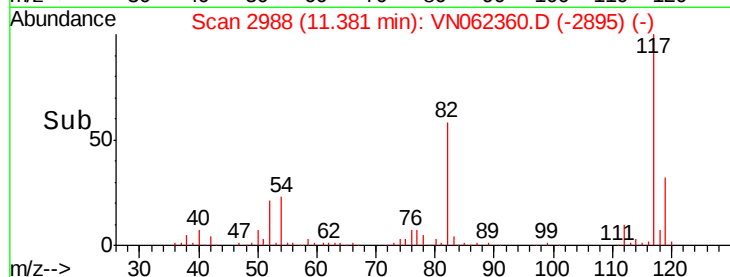
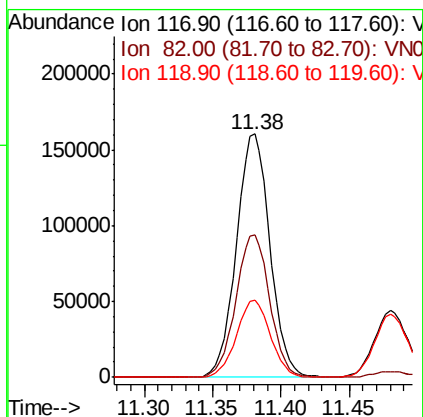
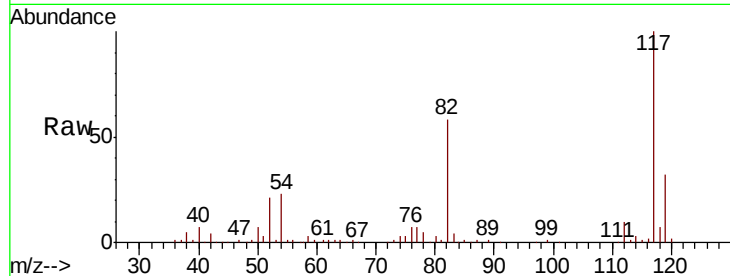
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	43.8	65.8
119	31.6	25.2	37.8

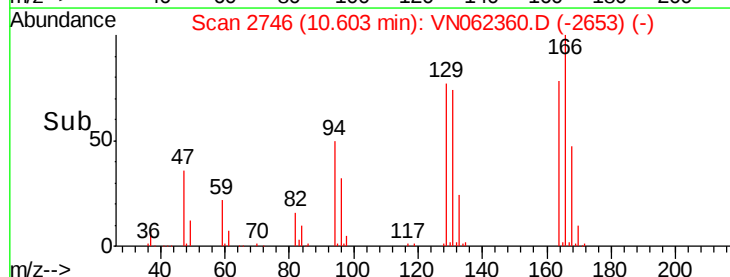
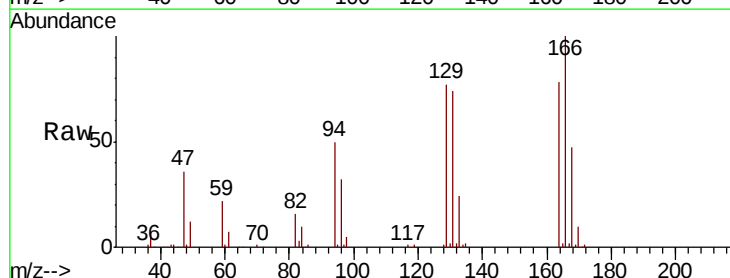
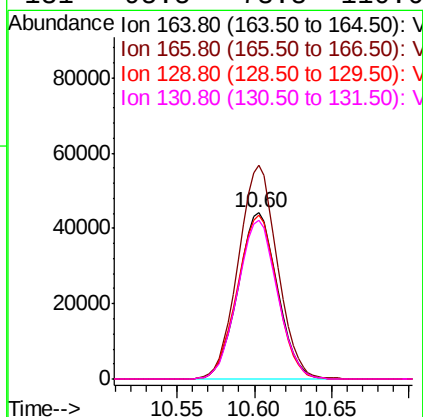
Manual Integrations
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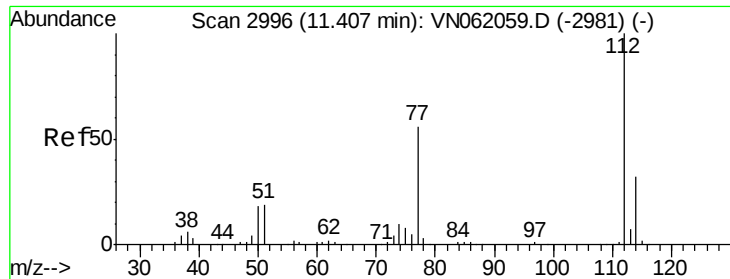
sam
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#64
Tetrachloroethene
Concen: 41.726 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.9	154.3
129	98.5	75.8	113.8
131	95.5	73.8	110.6





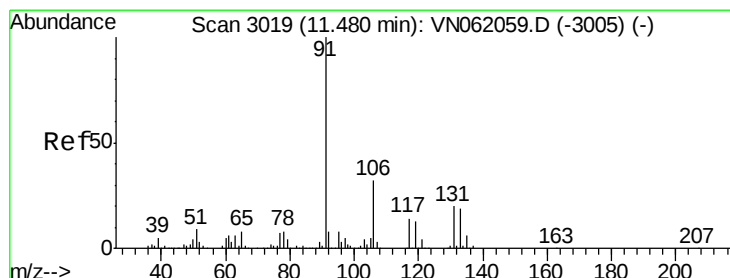
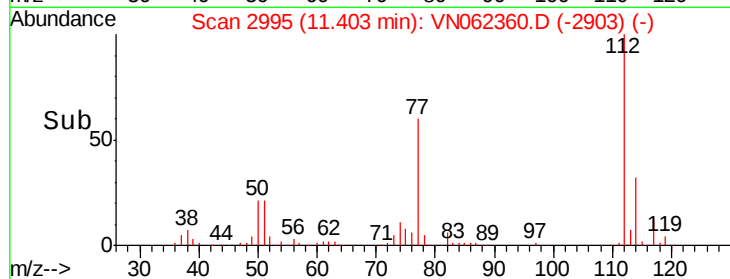
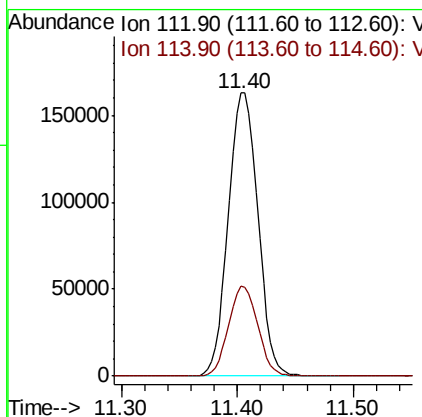
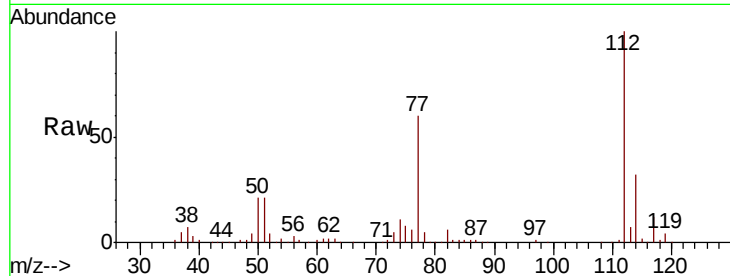
#65
Chlorobenzene
Concen: 47.643 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 287466
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8

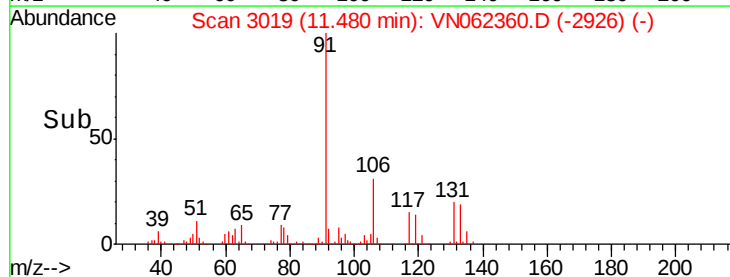
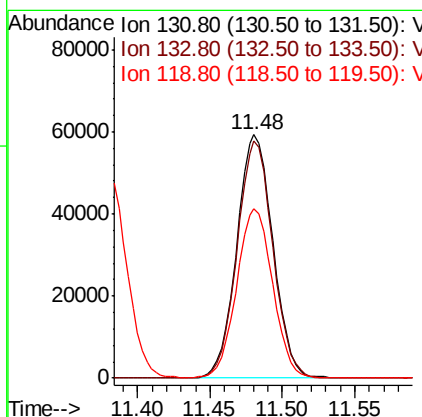
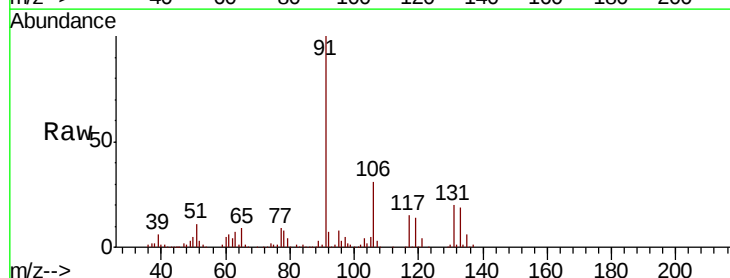
Manual Integrations
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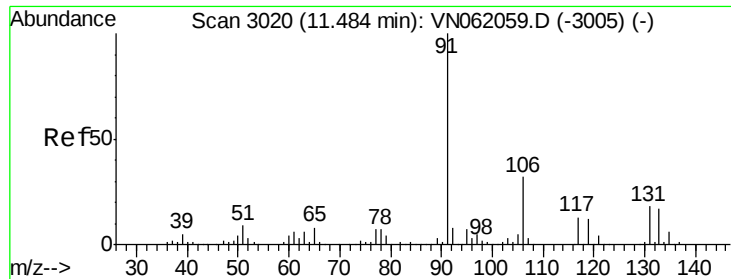
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.172 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion:131 Resp: 102595
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 69.5 34.4 103.3





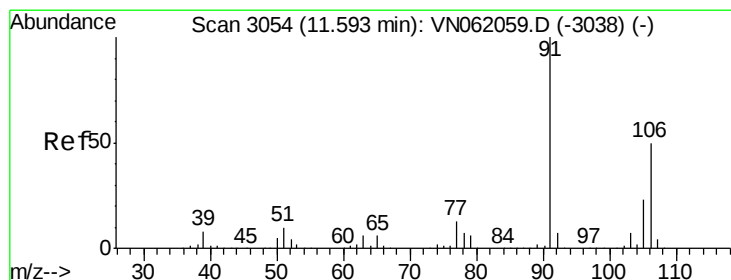
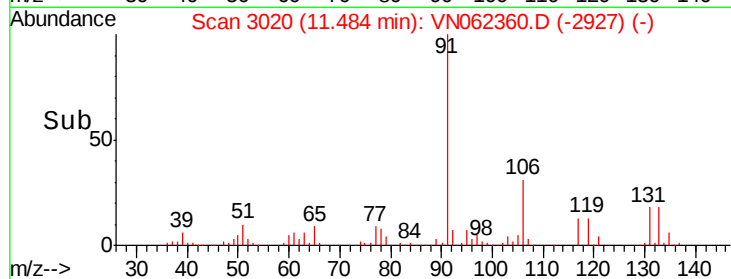
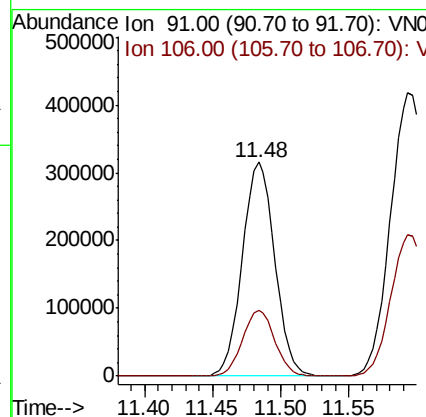
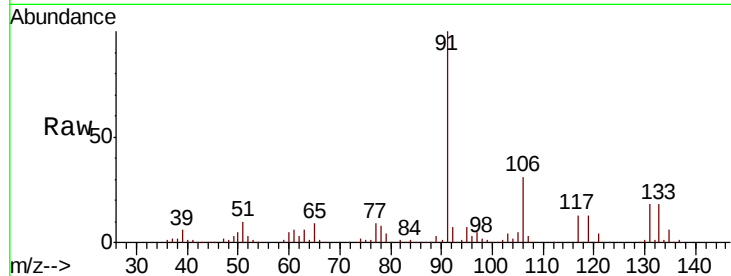
#67
Ethyl Benzene
Concen: 51.231 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 522061
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

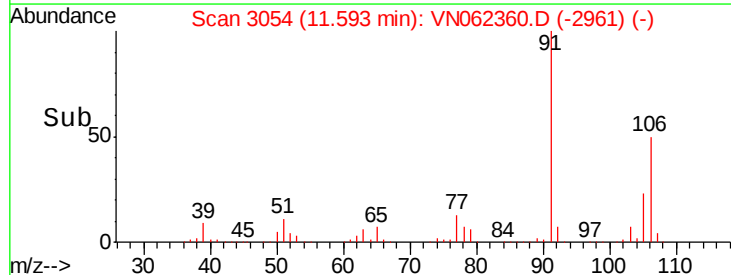
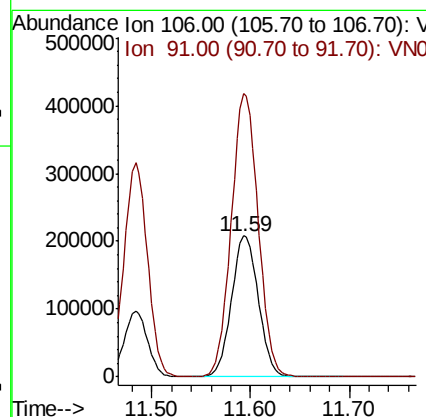
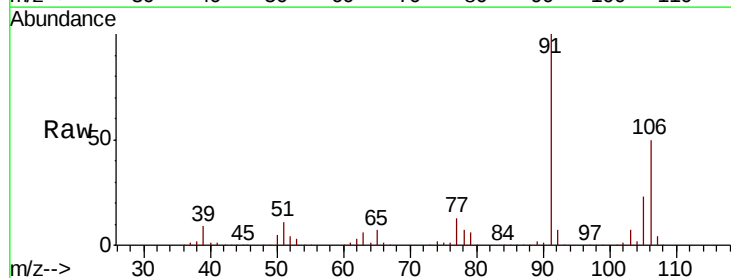
Manual Integrations
APPROVED

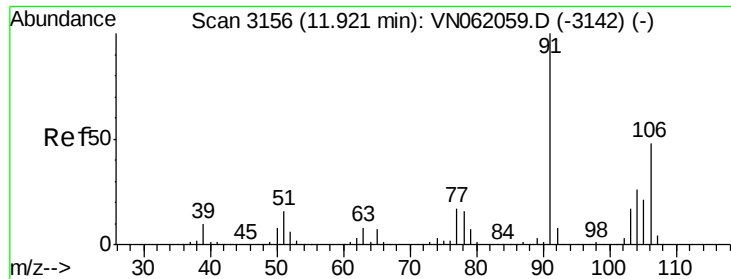
sam
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#68
m/p-Xylenes
Concen: 100.619 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion: 106 Resp: 396586
Ion Ratio Lower Upper
106 100
91 200.7 157.8 236.8





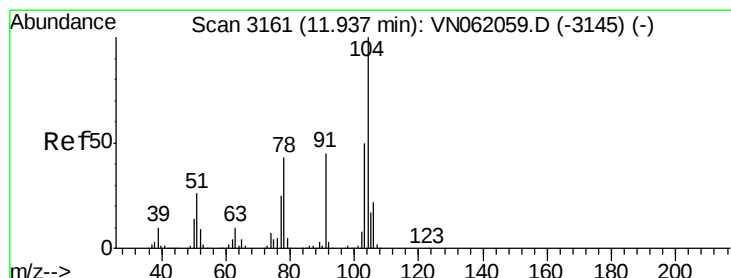
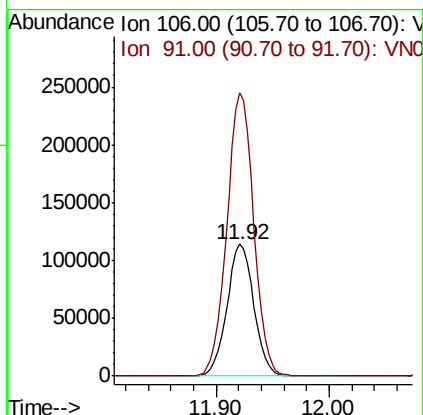
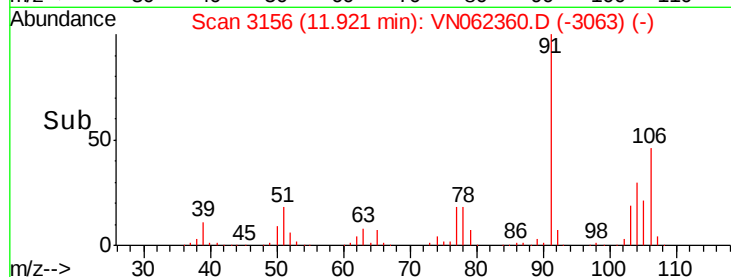
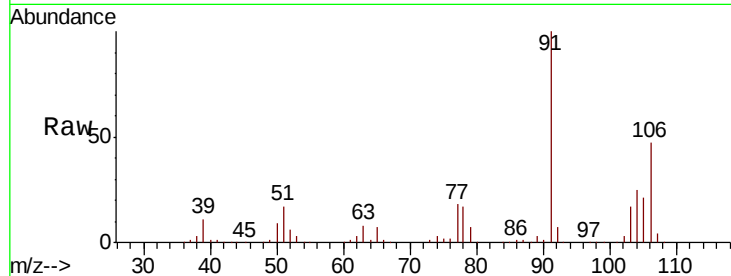
#69
o-Xylene
Concen: 50.578 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.7	104.0	311.9

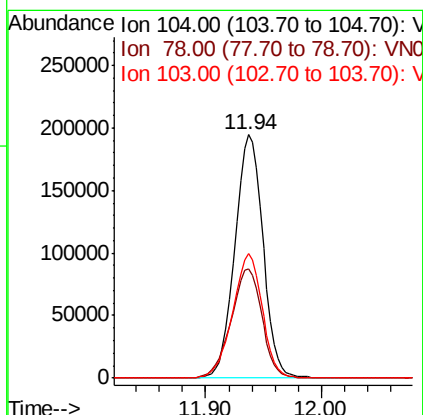
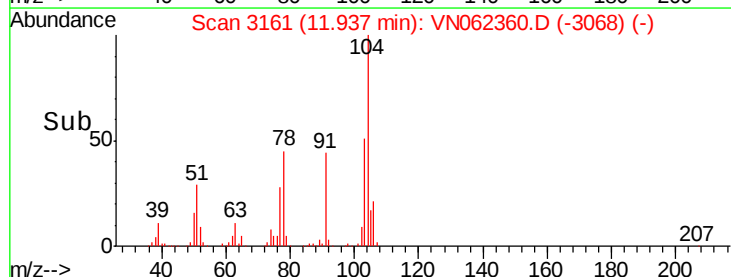
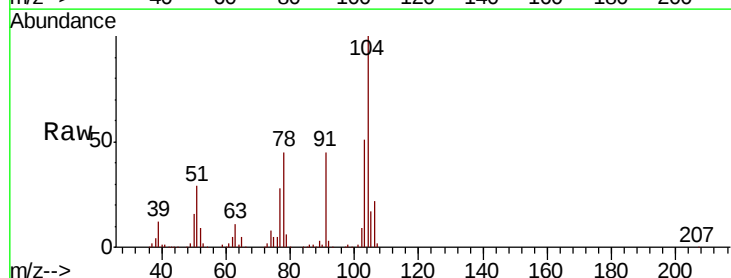
Manual Integrations
APPROVED

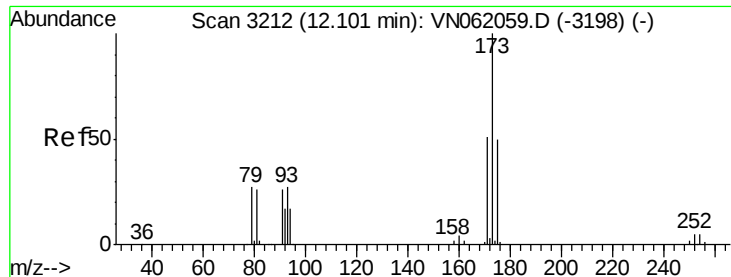
sam
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#70
Styrene
Concen: 52.547 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	37.7	56.5
103	53.8	43.0	64.6





#71

Bromoform

Concen: 49.989 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 74156

Ion Ratio Lower Upper

173 100

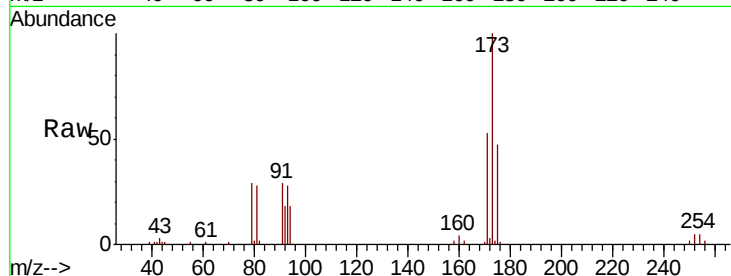
175 47.7 24.7 74.1

254 0.0 0.0 0.0

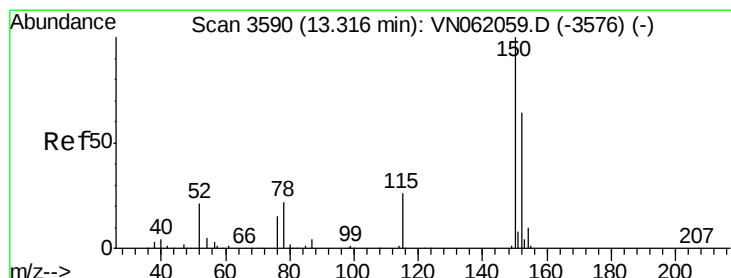
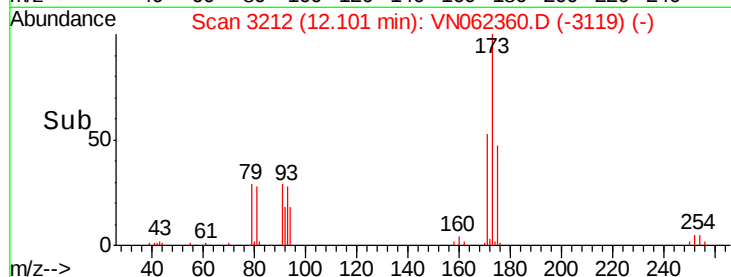
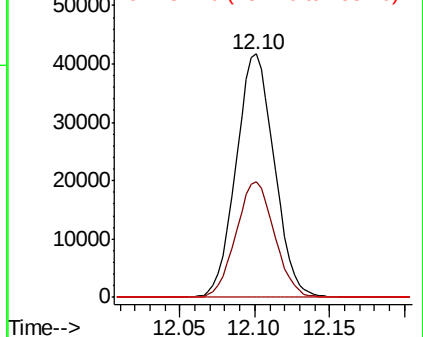
Manual Integrations
APPROVED

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

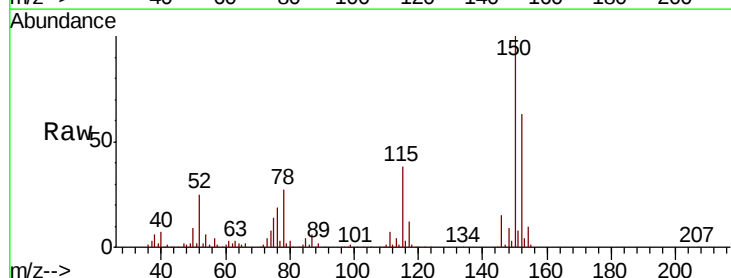
Tgt Ion:152 Resp: 133127

Ion Ratio Lower Upper

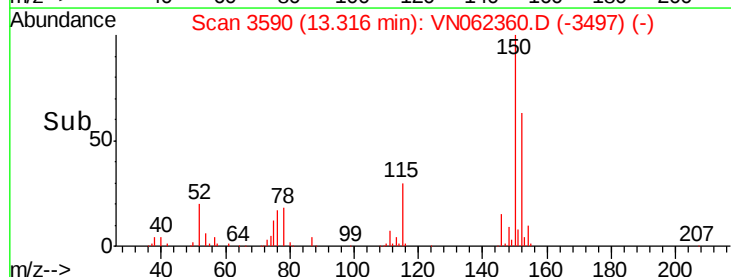
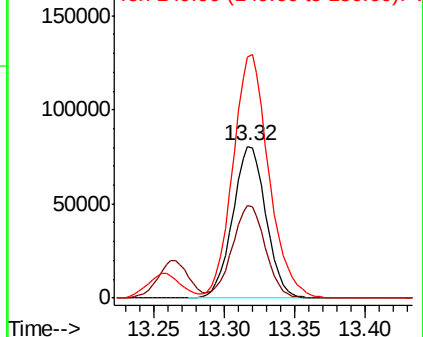
152 100

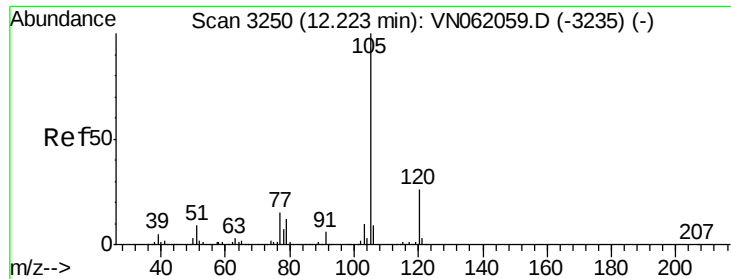
115 61.0 29.5 88.5

150 172.9 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





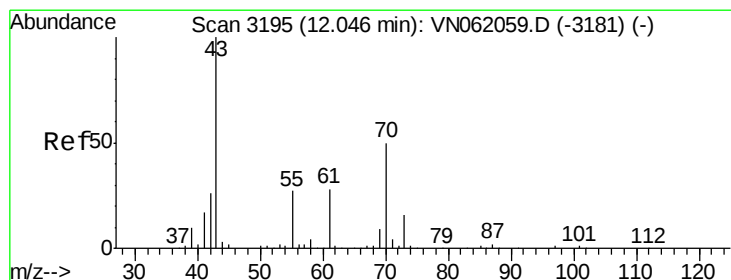
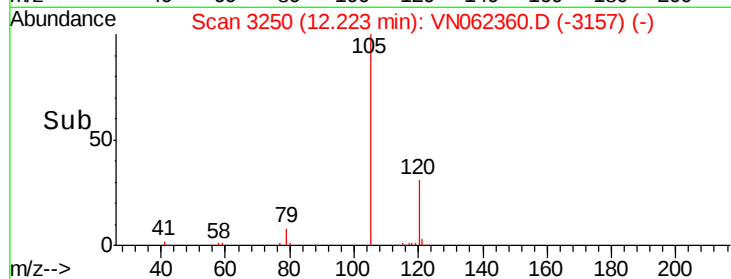
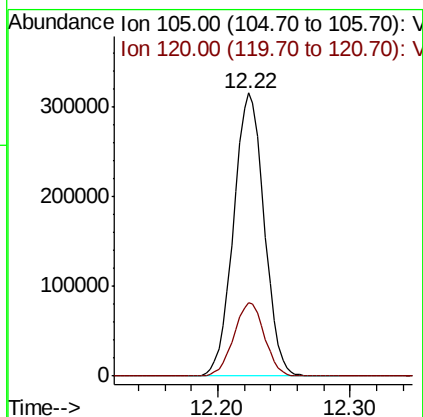
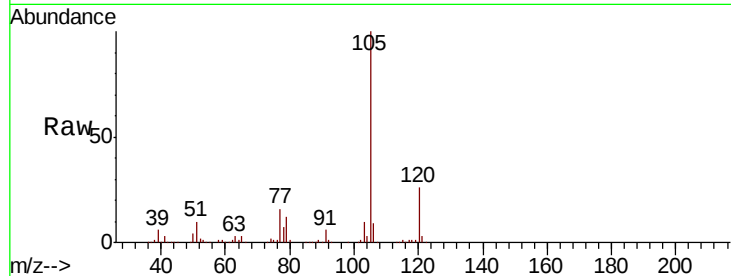
#73
Isopropylbenzene
Concen: 49.056 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.6

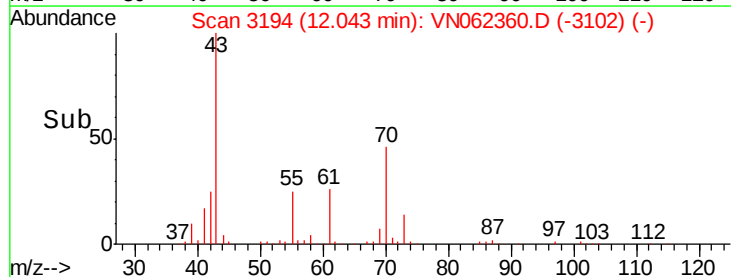
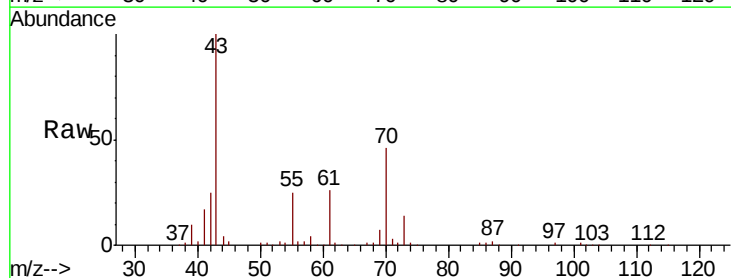
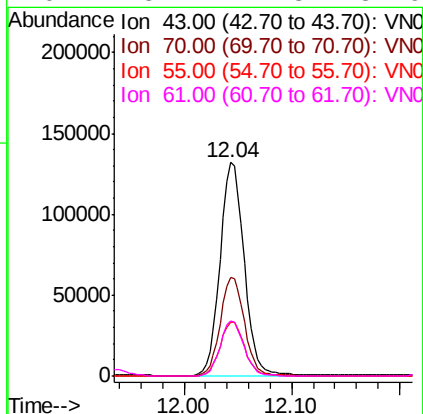
Manual Integrations
APPROVED

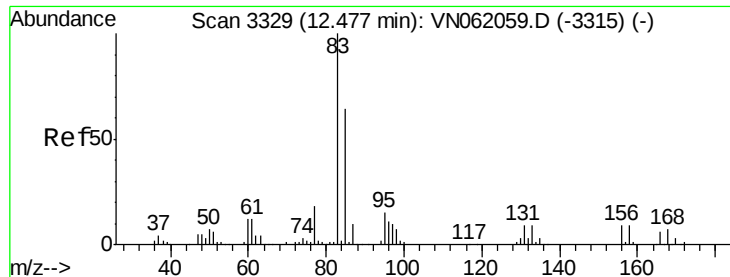
sam
7/6/2020 11:34:26 AM



#74
N-ethyl acetate
Concen: 53.735 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.7	39.4	59.2
55	25.8	21.7	32.5
61	25.7	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.434 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

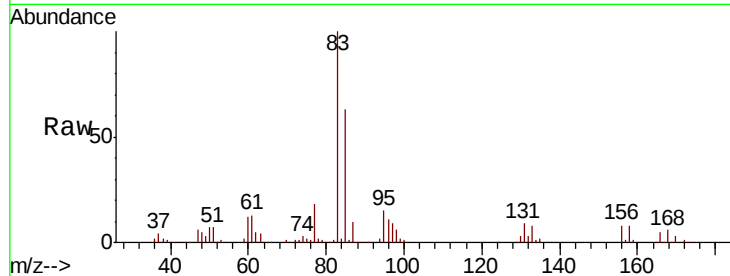
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	172953
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.8	14.4
85	63.8	32.4	97.0

Manual Integrations
APPROVED

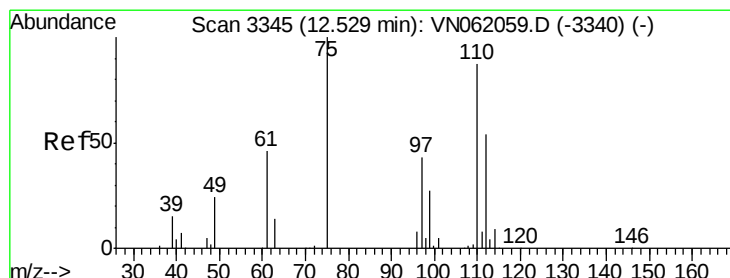
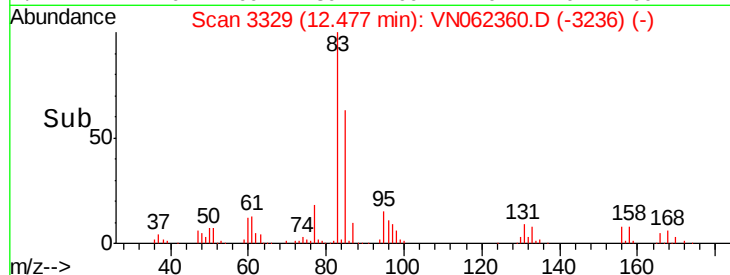
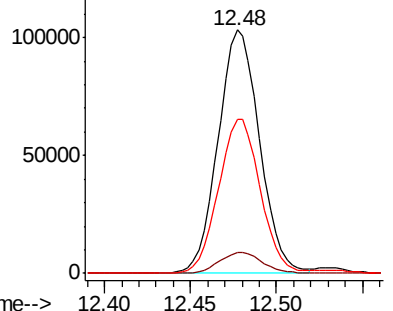
sam
7/6/2020 11:34:26 AM



Abundance Ion 82.90 (82.60 to 83.60): VN062360.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062360.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062360.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 49.131 ug/l m

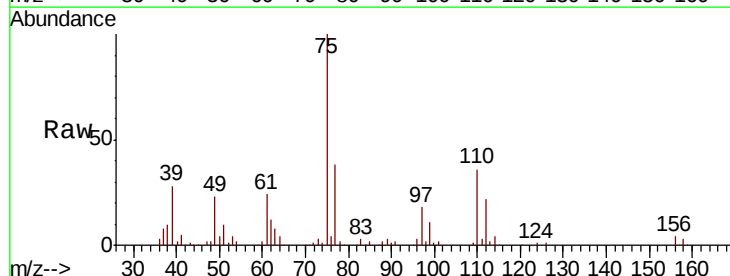
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062360.D

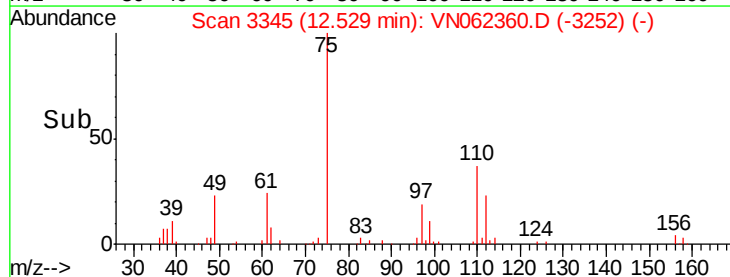
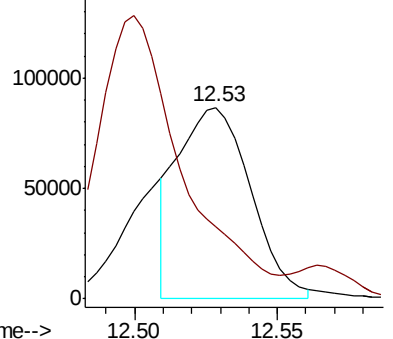
Acq: 3 Jul 2020 2:09

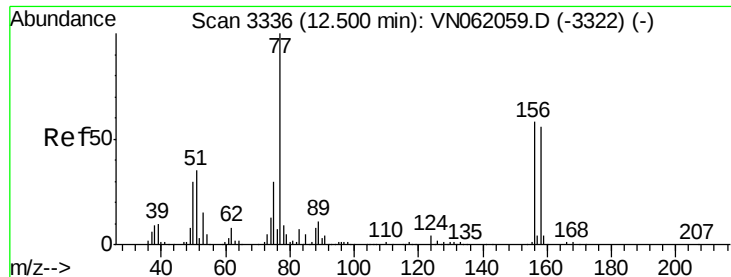
Tgt Ion:	75	Resp:	153973
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062360.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062360.D (-3252) (-)





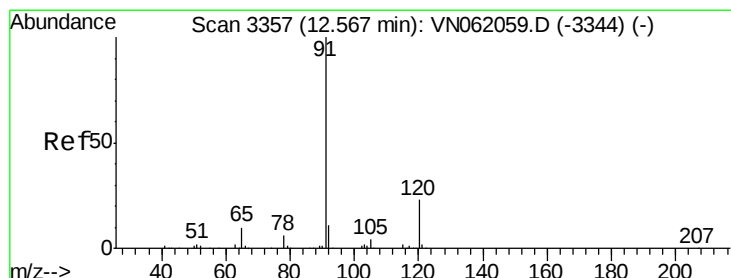
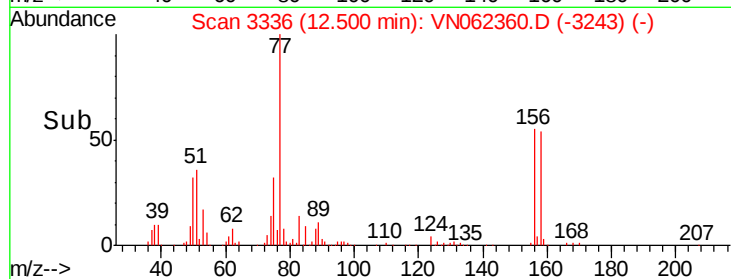
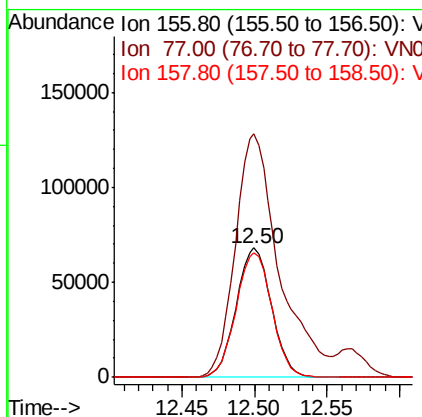
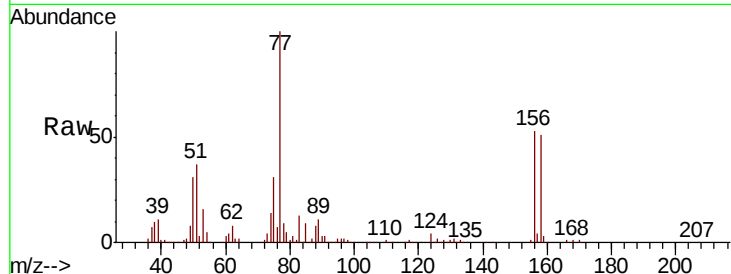
#77
Bromobenzene
Concen: 45.137 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	232.6	104.6	313.8	
158	97.2	48.0	144.0	

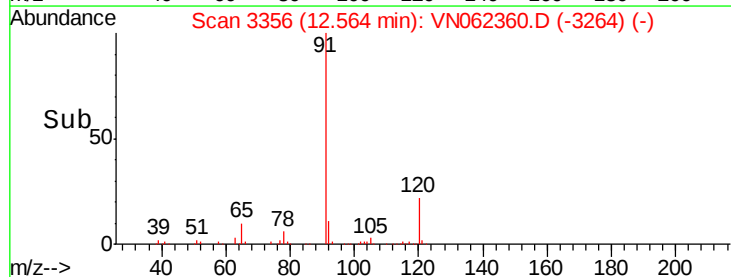
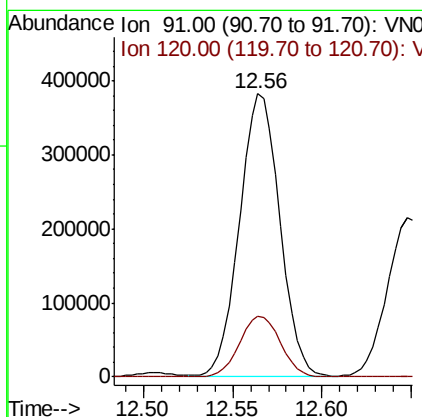
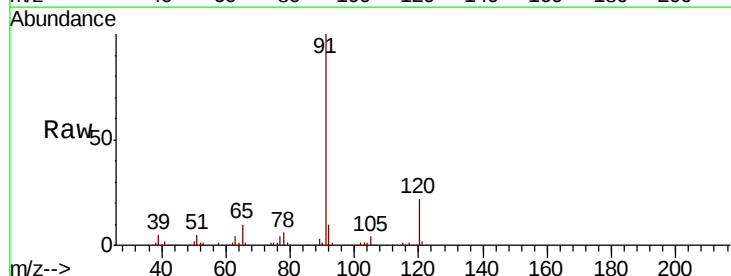
Manual Integrations
APPROVED

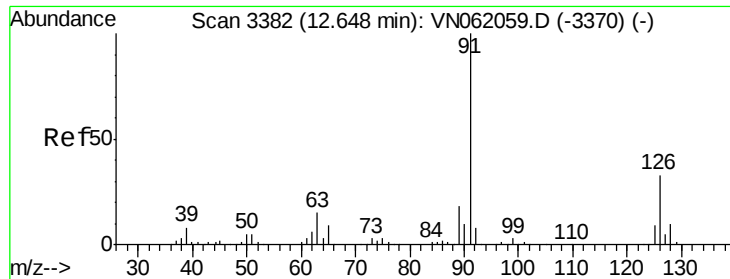
sam
7/6/2020 11:34:26 AM



#78
n-propylbenzene
Concen: 50.697 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.9	11.4	34.1	





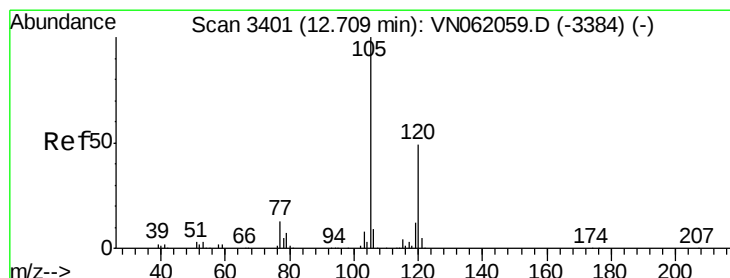
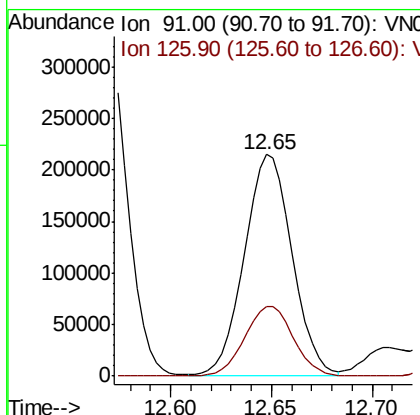
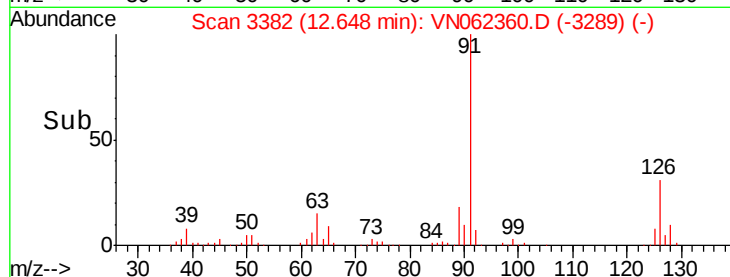
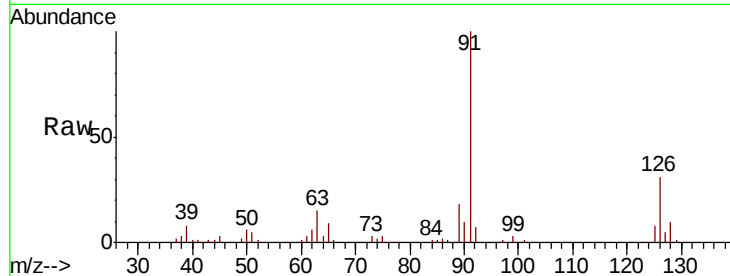
#79
 2-Chlorotoluene
 Concen: 49.642 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.9	50.7

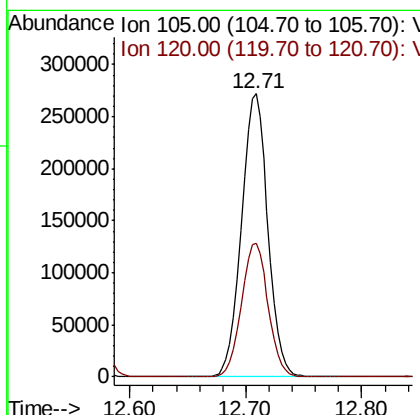
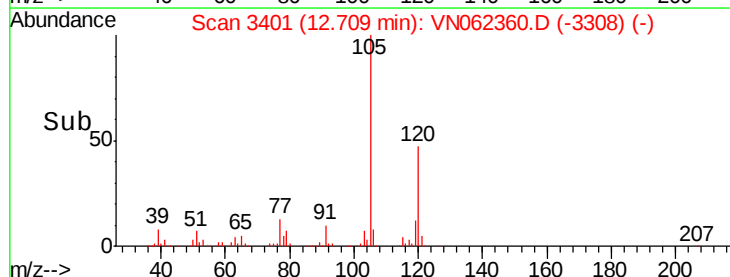
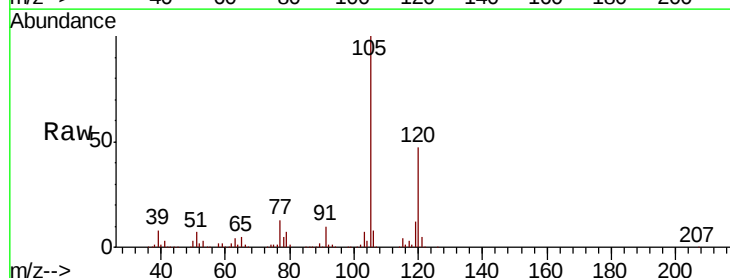
Manual Integrations
 APPROVED

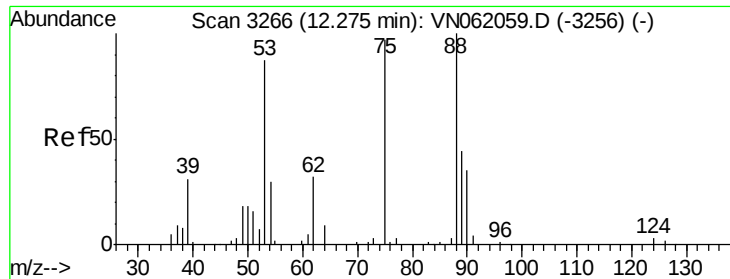
sam
 7/6/2020 11:34:26 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.083 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.6	74.0





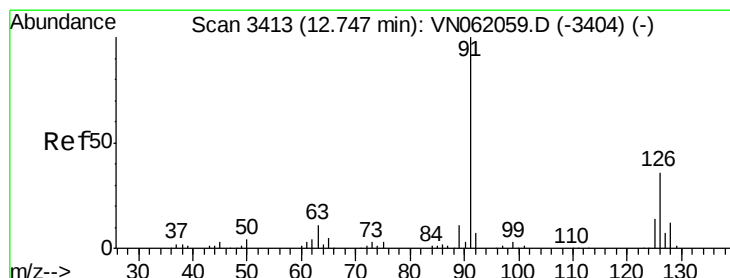
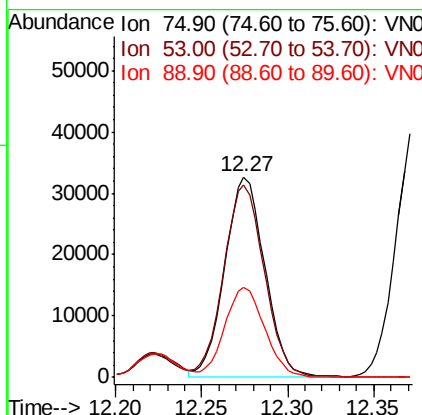
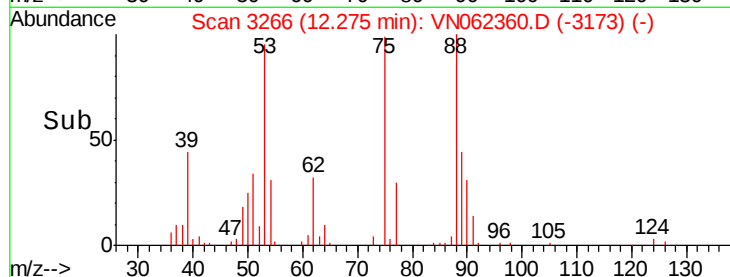
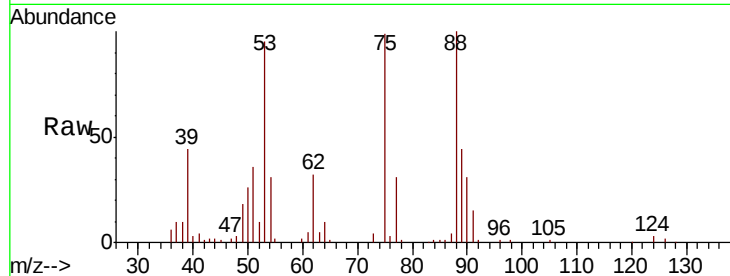
#81
trans-1,4-Dichloro-2-butene
Concen: 49.500 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.7	72.0	108.0
89	44.8	36.9	55.3

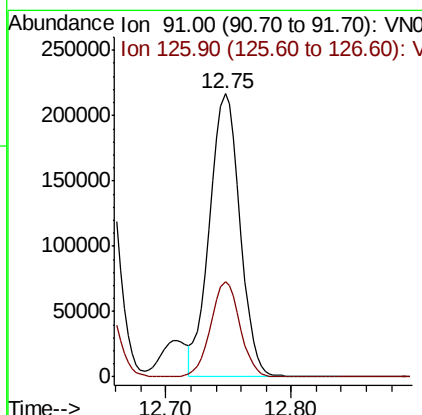
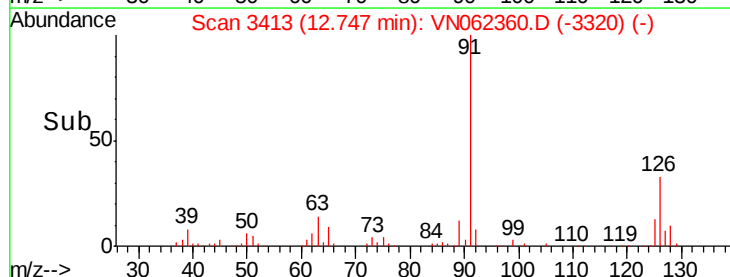
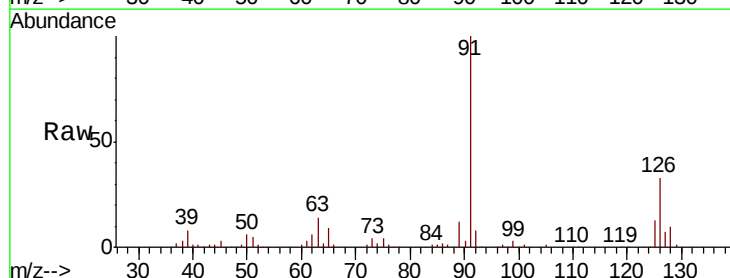
Manual Integrations
APPROVED

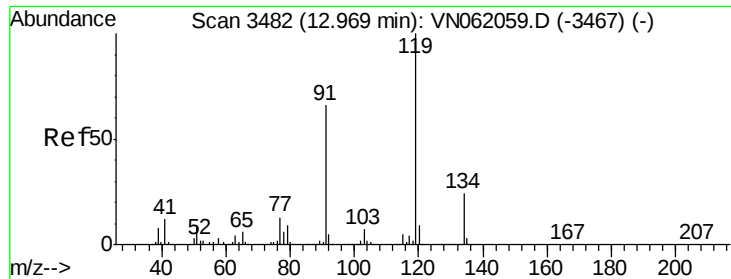
sam
7/6/2020 11:34:26 AM



#82
4-Chlorotoluene
Concen: 49.359 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.7	50.1





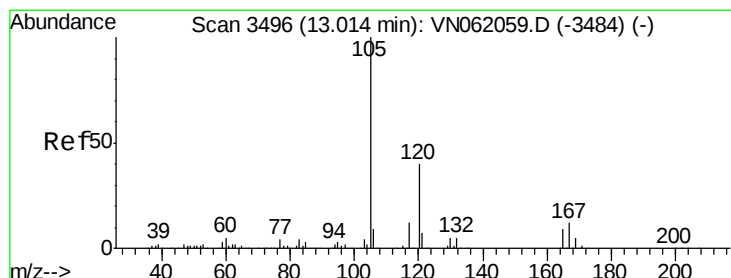
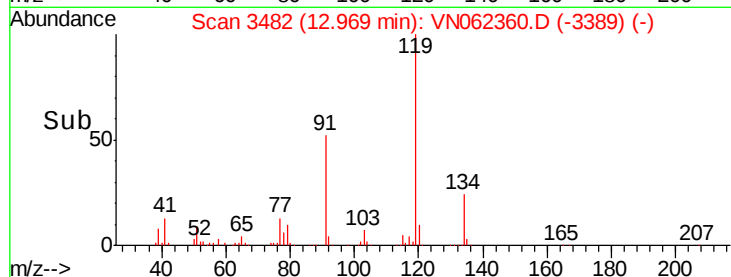
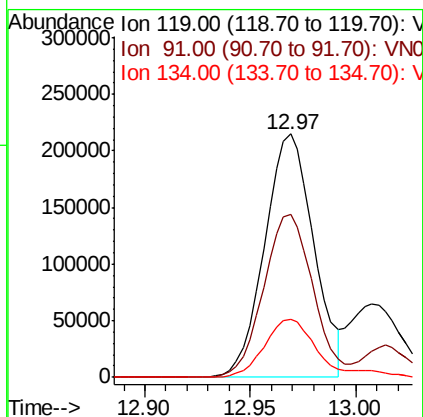
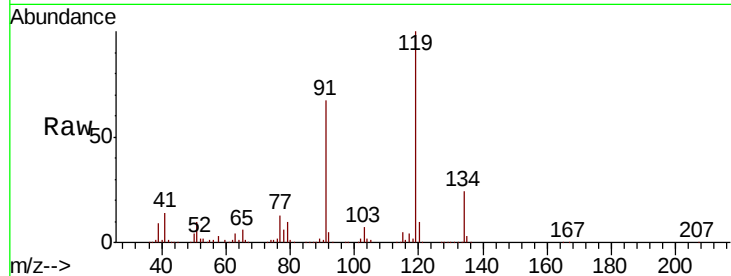
#83
tert-Butylbenzene
Concen: 48.714 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	31.7	95.1
134	24.5	13.1	39.1

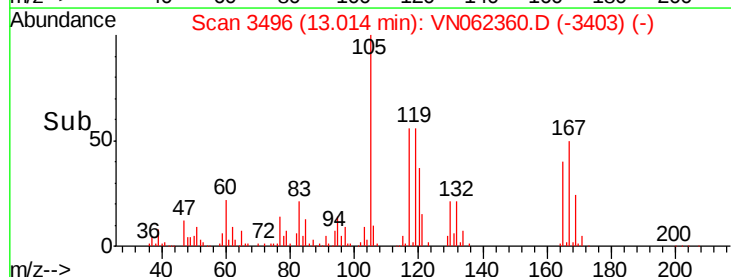
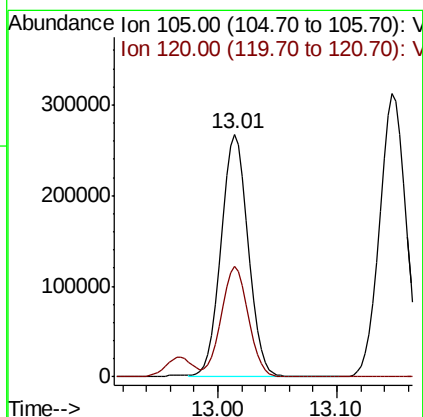
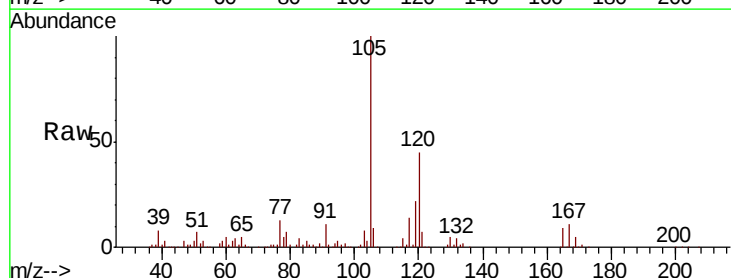
Manual Integrations
APPROVED

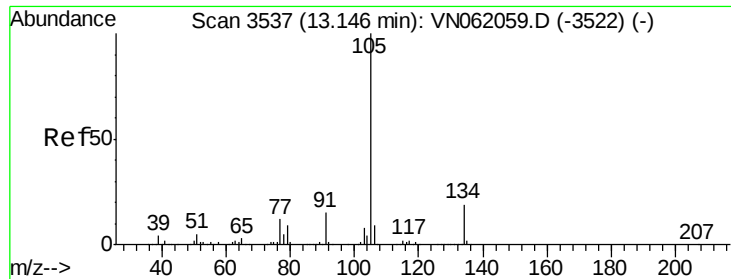
sam
7/6/2020 11:34:26 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.530 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.2	69.5





#85

sec-Butylbenzene

Concen: 51.045 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 482218

Ion Ratio Lower Upper

105 100

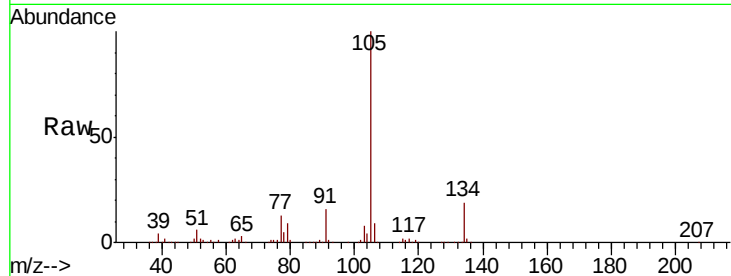
134 18.7 9.7 29.1

Manual Integrations

APPROVED

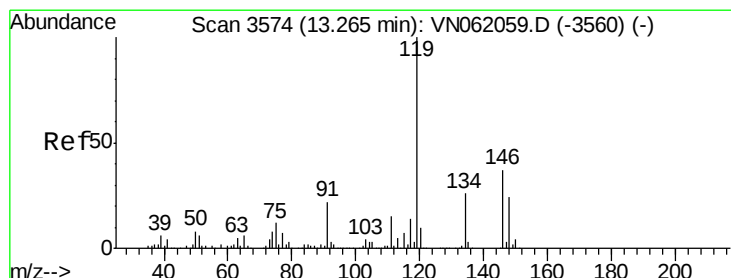
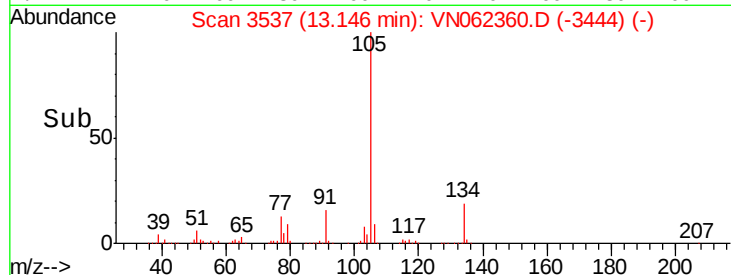
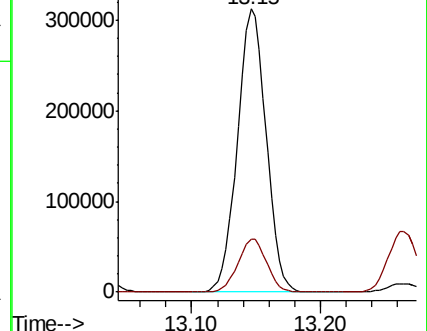
sam

7/6/2020 11:34:26 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.657 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062360.D

Acq: 3 Jul 2020 2:09

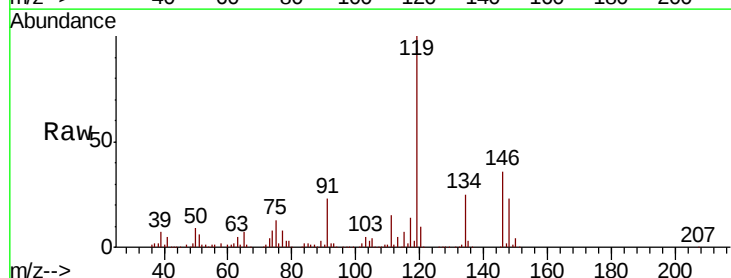
Tgt Ion:119 Resp: 419266

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

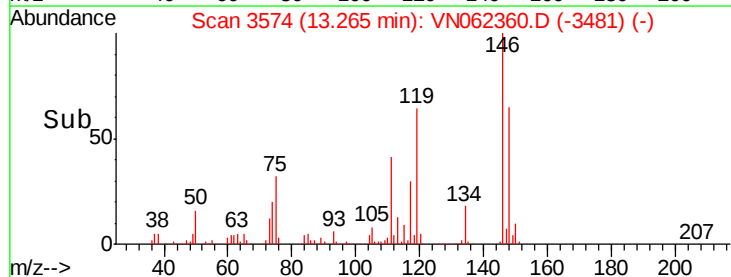
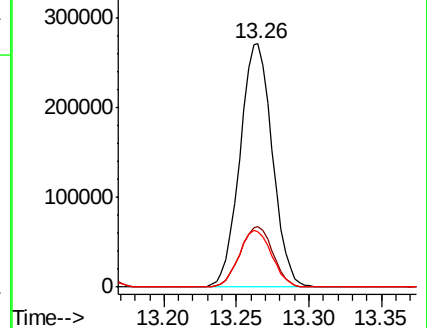
91 23.7 11.3 33.8

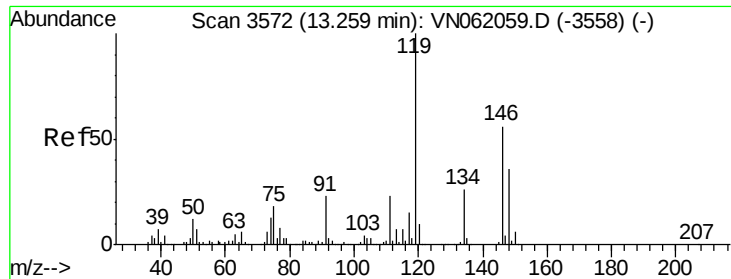


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





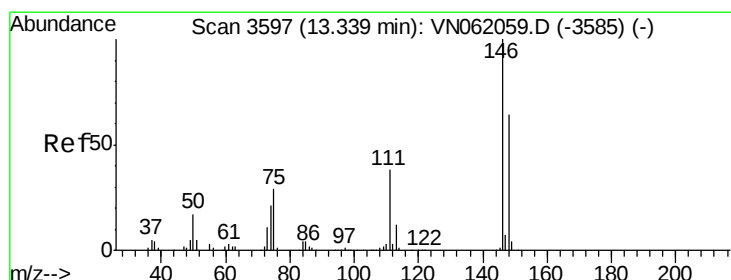
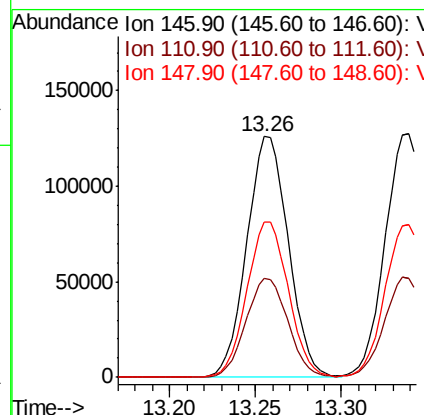
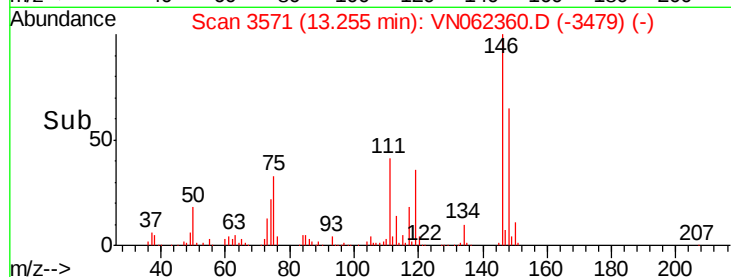
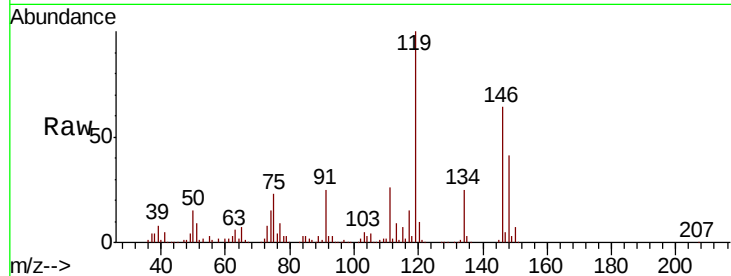
#87
 1,3-Dichlorobenzene
 Concen: 47.054 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	61.0
148	64.5	31.8	95.3

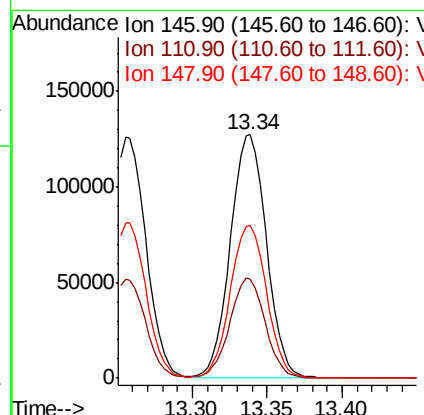
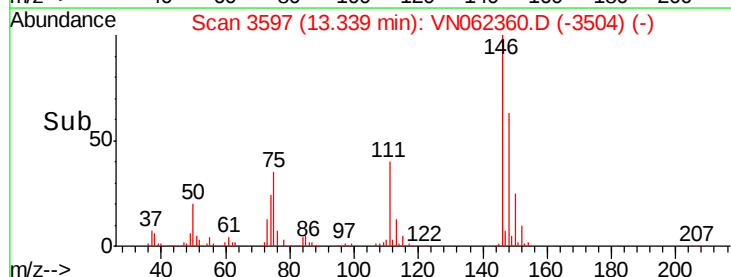
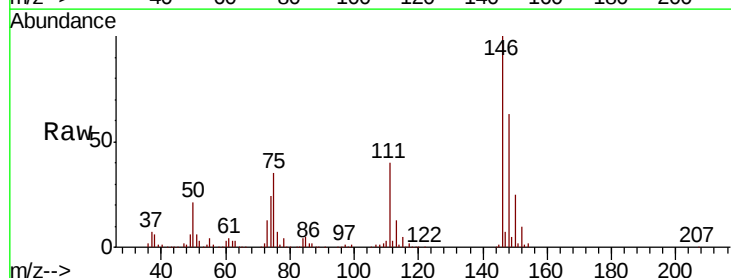
Manual Integrations
 APPROVED

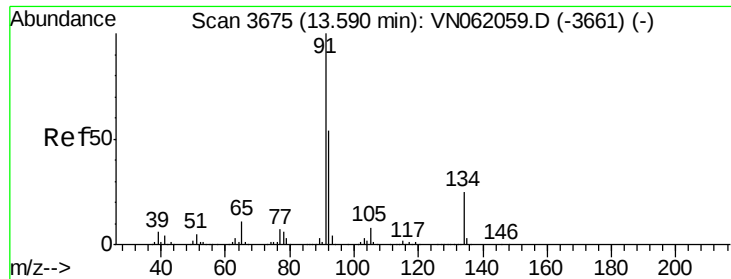
sam
 7/6/2020 11:34:26 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.218 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.6
148	63.4	31.9	95.9





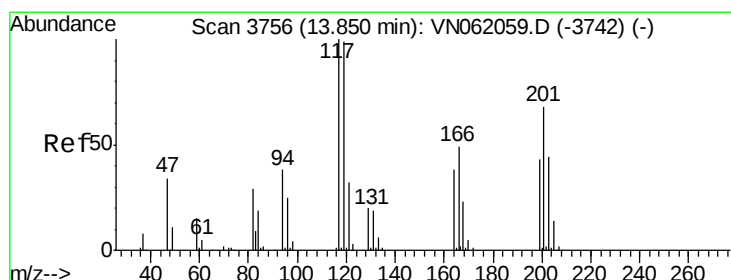
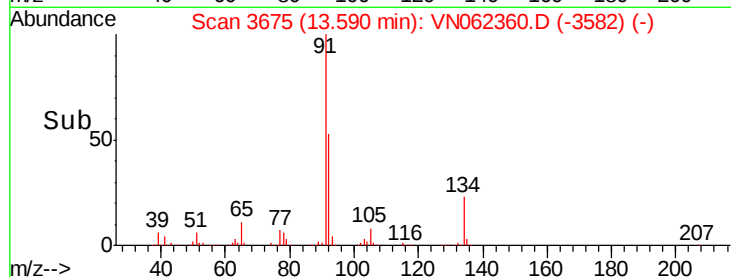
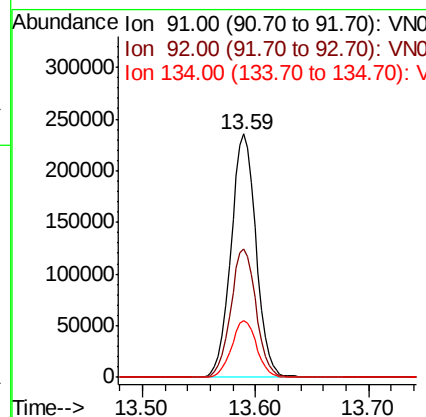
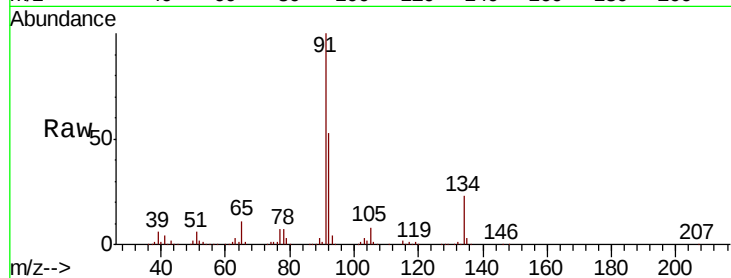
#89
n-Butylbenzene
Concen: 52.792 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	23.5	12.3	36.9

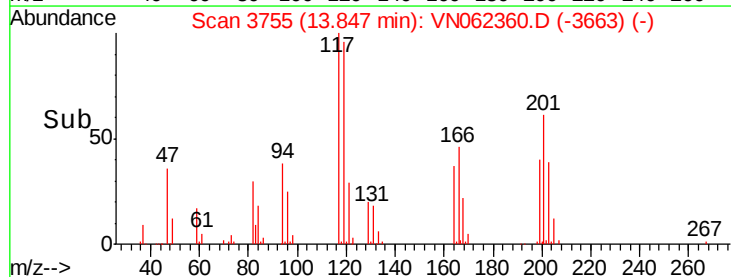
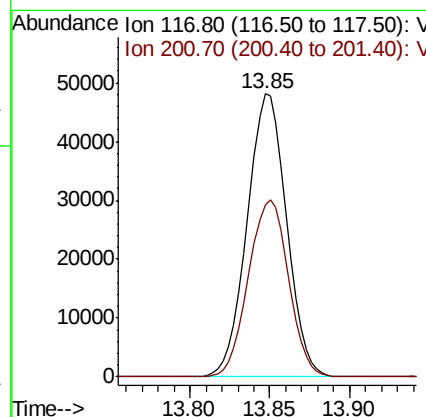
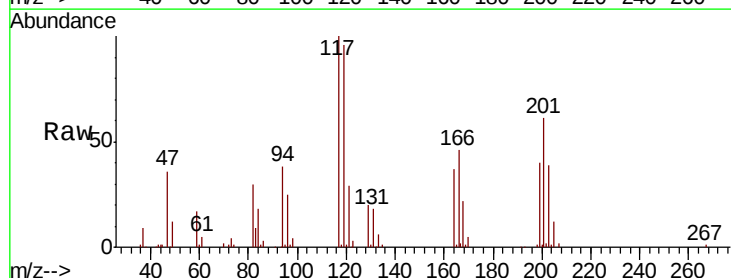
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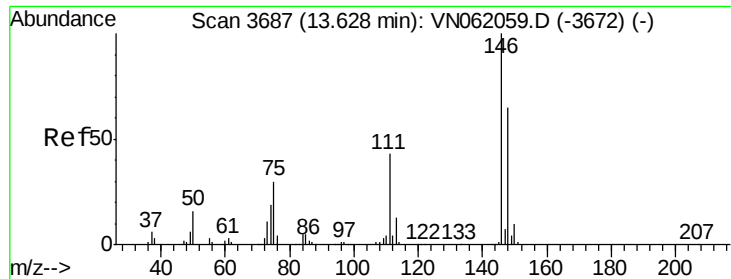
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#90
Hexachloroethane
Concen: 49.809 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.8	32.7	98.1





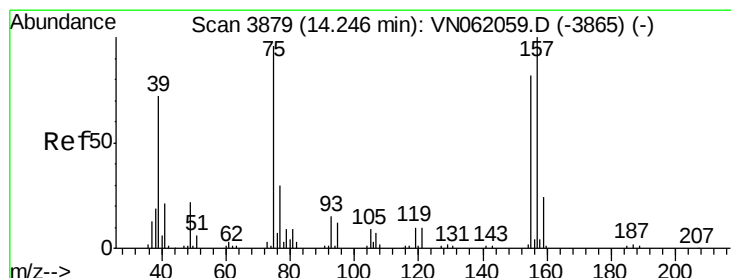
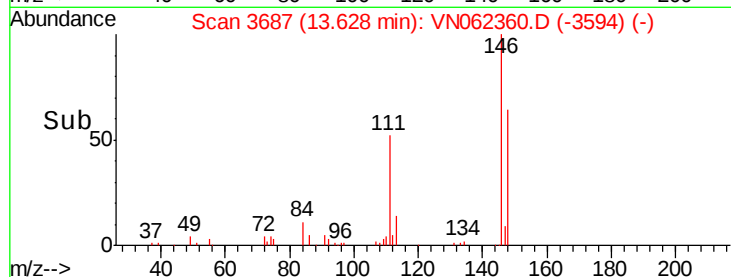
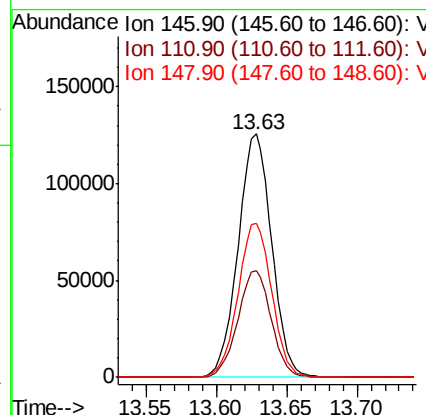
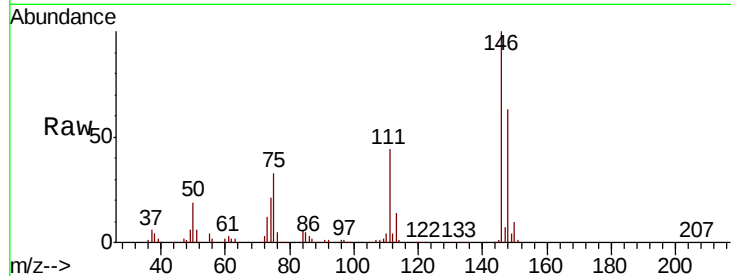
#91
 1,2-Dichlorobenzene
 Concen: 48.193 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.2	63.6
148	63.6	31.9	95.5

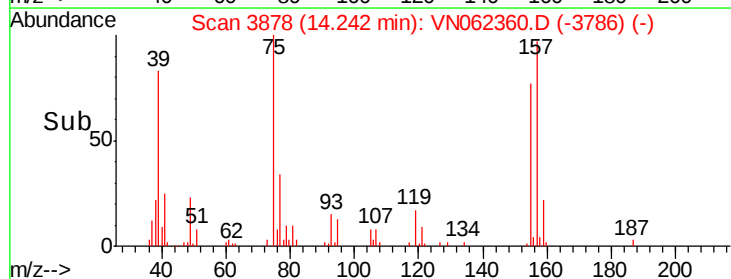
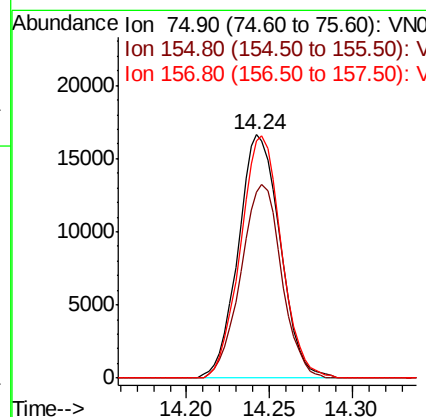
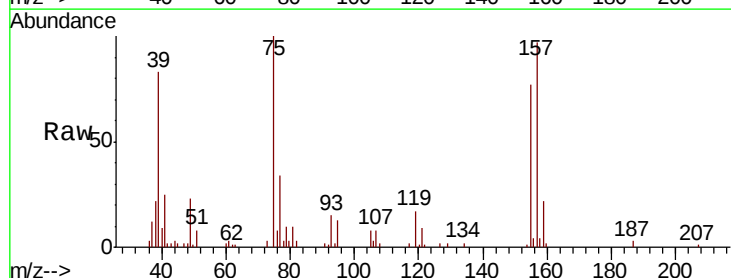
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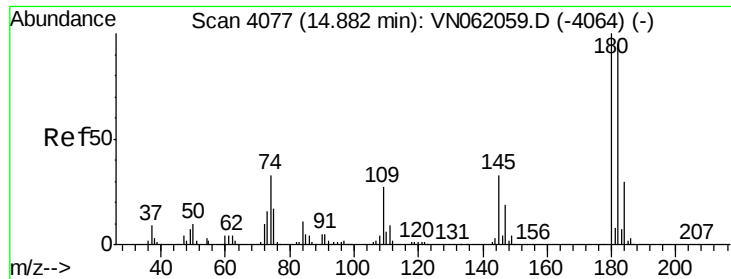
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.201 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.3	40.8	122.4
157	97.1	51.4	154.3





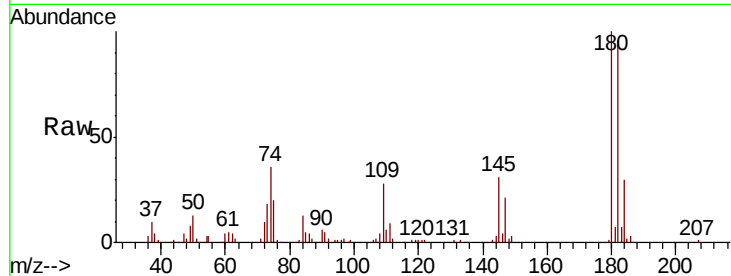
#93
 1,2,4-Trichlorobenzene
 Concen: 49.421 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	48.0	144.2	
145	31.7	16.0	48.0	

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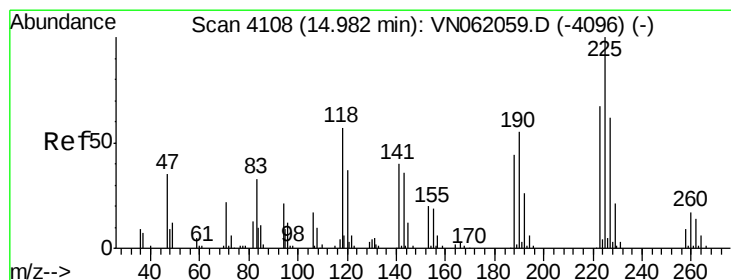
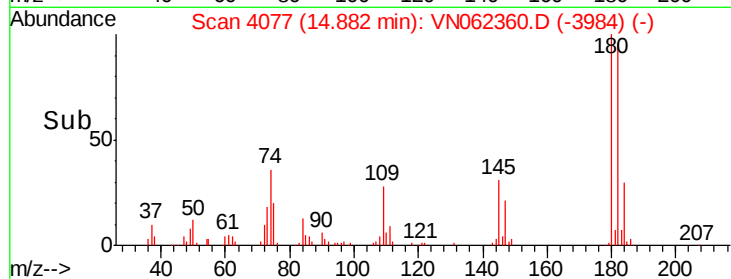
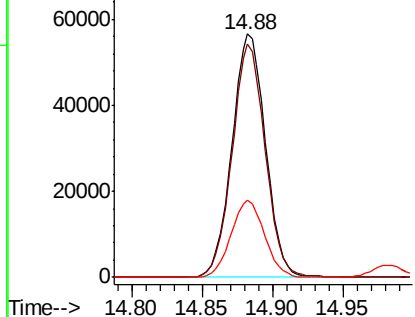


Abundance

Ion 179.80 (179.50 to 180.50): V

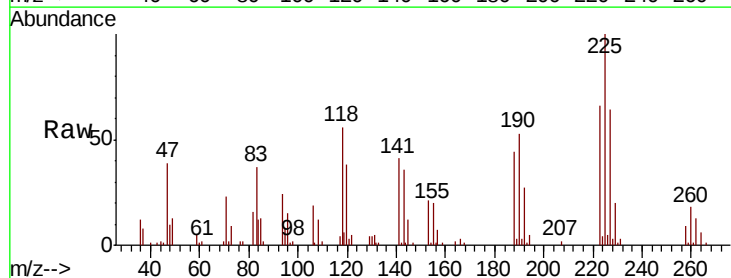
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.360 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062360.D
 Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.4	32.9	98.7	
227	63.4	31.3	93.8	

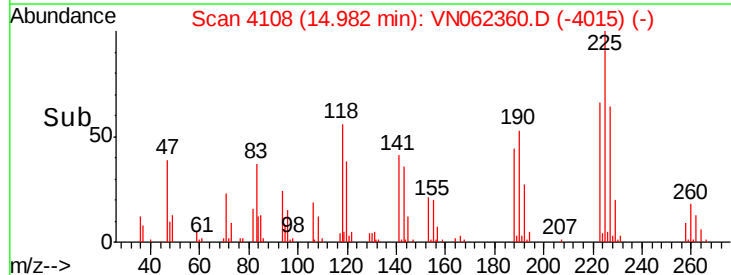
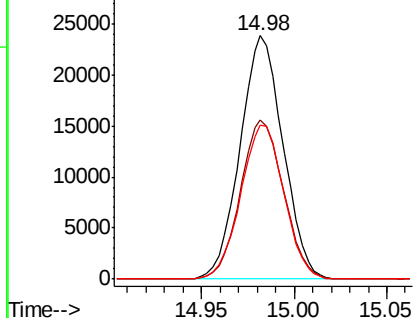


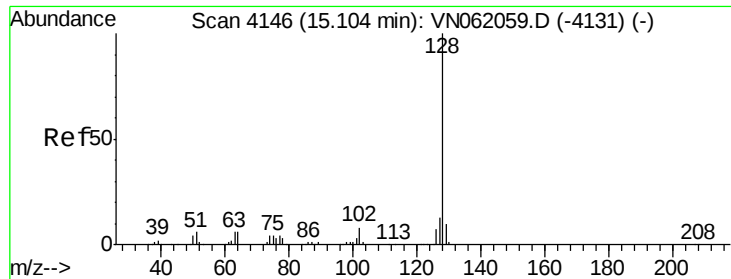
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





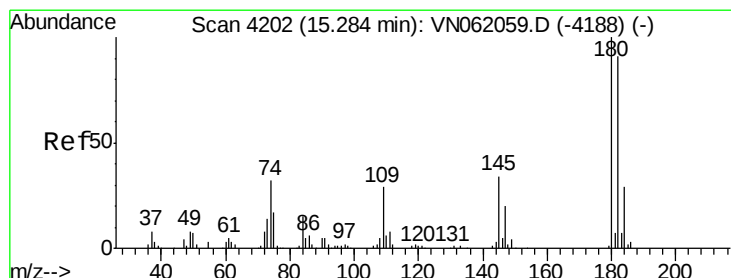
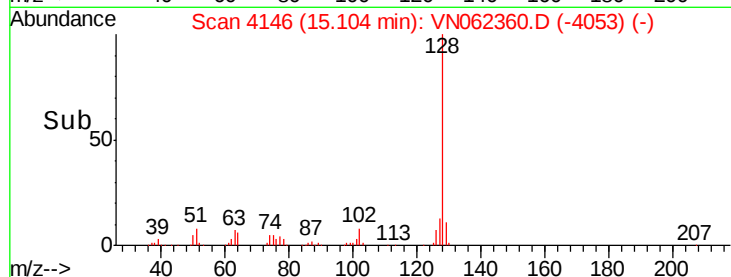
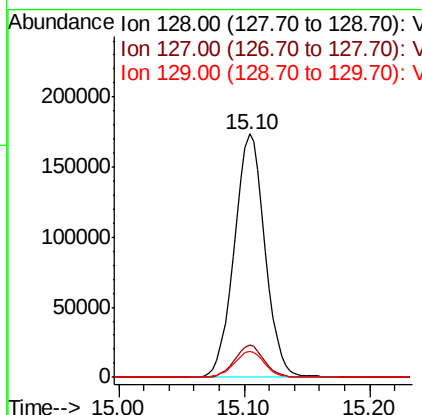
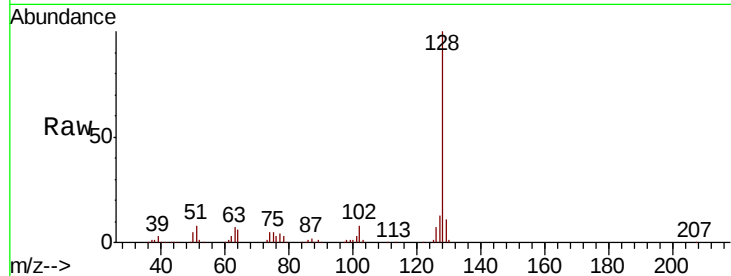
#95
Naphthalene
Concen: 46.567 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	293598		
127	12.8	10.5	15.7	
129	10.7	8.6	13.0	

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#96
1,2,3-Trichlorobenzene
Concen: 49.300 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062360.D
Acq: 3 Jul 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	95938		
182	93.9	46.8	140.4	
145	34.5	16.4	49.2	

