

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062599.D
 Acq On : 27 Jul 2020 14:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 1:46:09 PM

Quant Time: Jul 28 06:37:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	167693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	126667	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.54	113	85993	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	10.06	98	341010	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.37	95	129159	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	97069	48.528	ug/l	99
3) Chloromethane	2.04	50	102930	37.940	ug/l	97
4) Vinyl Chloride	2.16	62	99594	42.346	ug/l	98
5) Bromomethane	2.53	94	56893	54.616	ug/l	95
6) Chloroethane	2.67	64	56337	52.955	ug/l	99
7) Trichlorofluoromethane	2.98	101	159262	57.675	ug/l	98
8) Diethyl Ether	3.37	74	55942	43.322	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	83908	47.394	ug/l	97
10) Methyl Iodide	3.91	142	103394	45.680	ug/l	95
11) Tert butyl alcohol	4.73	59	75215	181.499	ug/l	98
12) 1,1-Dichloroethene	3.70	96	81383	45.325	ug/l	99
13) Acrolein	3.56	56	67838	160.109	ug/l	98
14) Allyl chloride	4.27	41	156305	40.243	ug/l	92
15) Acrylonitrile	4.92	53	224876	202.594	ug/l	98
16) Acetone	3.77	43	215476	219.808	ug/l	97
17) Carbon Disulfide	4.01	76	243531	41.279	ug/l	100
18) Methyl Acetate	4.27	43	97356	39.230	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	305478	46.223	ug/l	98
20) Methylene Chloride	4.50	84	97347	41.404	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	88370	44.343	ug/l	95
22) Diisopropyl ether	5.90	45	315013	40.803	ug/l	96
23) Vinyl Acetate	5.84	43	1339620	211.768	ug/l	98
24) 1,1-Dichloroethane	5.79	63	182296	43.849	ug/l	100
25) 2-Butanone	6.78	43	300775	201.463	ug/l	97
26) 2,2-Dichloropropane	6.77	77	168529	49.381	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	100111	44.024	ug/l	99
28) Bromochloromethane	7.15	49	84718	41.407	ug/l	92
29) Tetrahydrofuran	7.16	42	191839	189.898	ug/l	94
30) Chloroform	7.33	83	180072	45.555	ug/l	98
31) Cyclohexane	7.61	56	156627	40.805	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	165358	50.105	ug/l	99
36) 1,1-Dichloropropene	7.75	75	138573	48.713	ug/l	100
37) Ethyl Acetate	6.88	43	128703	41.972	ug/l #	93
38) Carbon Tetrachloride	7.73	117	148126	54.172	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	155240	50.696	ug/l	98
40) Benzene	8.00	78	383182	44.493	ug/l	99
41) Methacrylonitrile	7.12	41	62573	47.613	ug/l	88
42) 1,2-Dichloroethane	8.08	62	157665	50.076	ug/l	98
43) Isopropyl Acetate	8.12	43	215171	43.528	ug/l #	90
44) Trichloroethene	8.80	130	92928	47.849	ug/l	98
45) 1,2-Dichloropropane	9.08	63	106235	43.935	ug/l	98
46) Dibromomethane	9.17	93	65175	46.635	ug/l	98
47) Bromodichloromethane	9.37	83	148986	49.207	ug/l	98
48) Methyl methacrylate	9.17	41	102968	43.819	ug/l	97
49) 1,4-Dioxane	9.17	88	28833	798.898	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	628285	212.421	ug/l	99
52) Toluene	10.12	92	241036	48.200	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	169075	50.163	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	176102	48.691	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	92246	47.556	ug/l	97
56) Ethyl methacrylate	10.40	69	147379	42.585	ug/l	97
57) 1,3-Dichloropropane	10.68	76	164029	46.158	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	217821	210.349	ug/l	96
59) 2-Hexanone	10.72	43	457917	200.779	ug/l	100
60) Dibromochloromethane	10.87	129	107862	49.845	ug/l	99
61) 1,2-Dibromoethane	10.98	107	94854	46.961	ug/l	98
64) Tetrachloroethene	10.60	164	80261	49.676	ug/l	95
65) Chlorobenzene	11.40	112	250718	48.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	95709	48.801	ug/l	97
67) Ethyl Benzene	11.48	91	468474	49.011	ug/l	100
68) m/p-Xylenes	11.59	106	347899	101.263	ug/l	99
69) o-Xylene	11.92	106	161713	49.568	ug/l	97
70) Styrene	11.94	104	281318	51.046	ug/l	98
71) Bromoform	12.10	173	74424	50.542	ug/l #	100
73) Isopropylbenzene	12.22	105	457425	47.170	ug/l	100
74) N-amyl acetate	12.04	43	185311	42.790	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	133725	39.683	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	128918m	41.298	ug/l	
77) Bromobenzene	12.50	156	107017	45.921	ug/l	91
78) n-propylbenzene	12.56	91	542899	47.794	ug/l	99
79) 2-Chlorotoluene	12.65	91	317685	45.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	397857	49.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	49240	43.910	ug/l	95
82) 4-Chlorotoluene	12.75	91	338445	46.448	ug/l	100
83) tert-Butylbenzene	12.97	119	324199	48.537	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	392759	49.772	ug/l	98
85) sec-Butylbenzene	13.15	105	444825	49.744	ug/l	99
86) p-Isopropyltoluene	13.26	119	404224	52.558	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	191118	46.733	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	187126	46.481	ug/l	98
89) n-Butylbenzene	13.59	91	342281	51.795	ug/l	99
90) Hexachloroethane	13.85	117	74406	45.445	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	181005	46.288	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29243	47.796	ug/l	95

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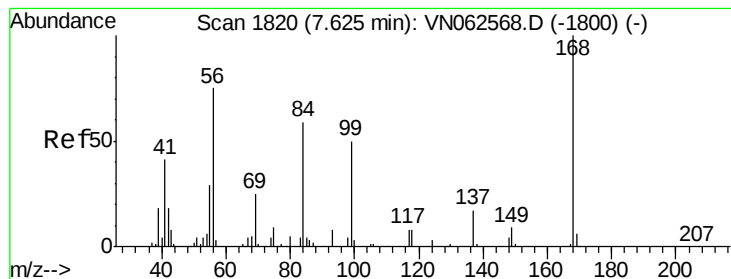
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93372	45.697	ug/l	98
94) Hexachlorobutadiene	14.98	225	61838	58.529	ug/l	98
95) Naphthalene	15.10	128	223912	41.728	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	90209	48.951	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 167693

Ion Ratio Lower Upper

168 100

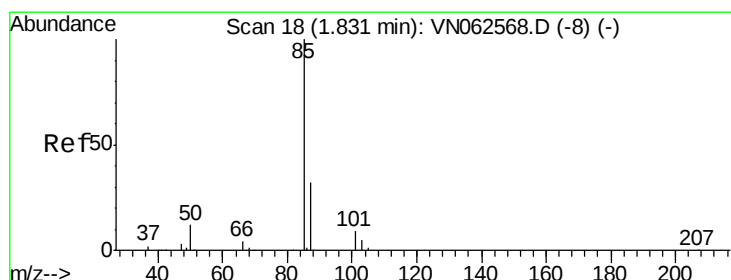
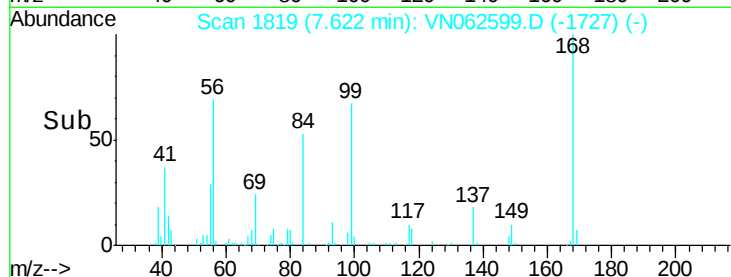
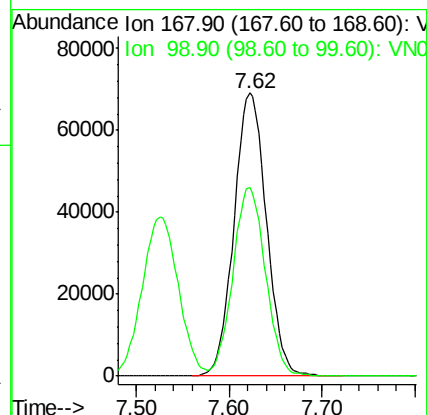
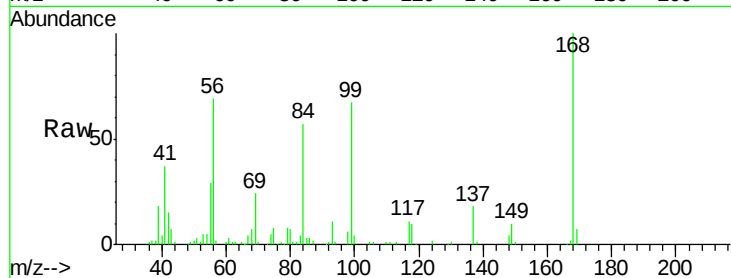
99 66.4 48.4 72.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.528 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062599.D

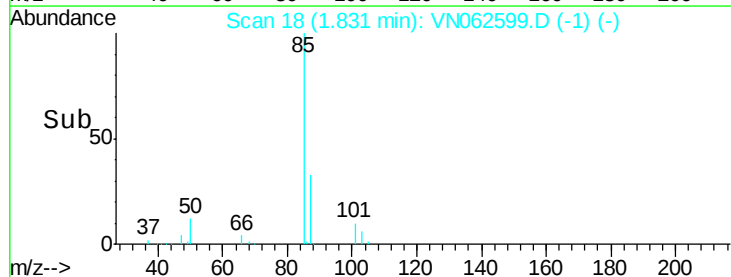
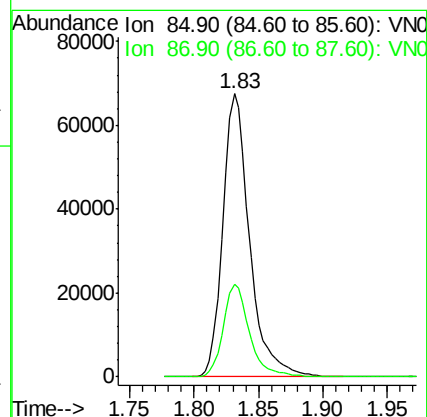
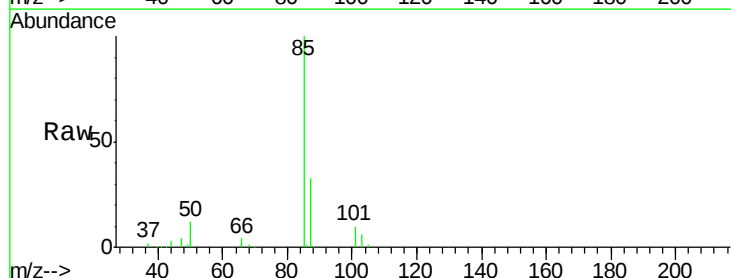
Acq: 27 Jul 2020 14:42

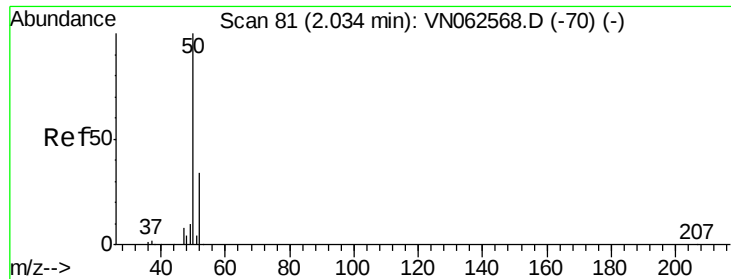
Tgt Ion: 85 Resp: 97069

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0





#3

Chloromethane

Concen: 37.940 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 102930

Ion Ratio Lower Upper

50 100

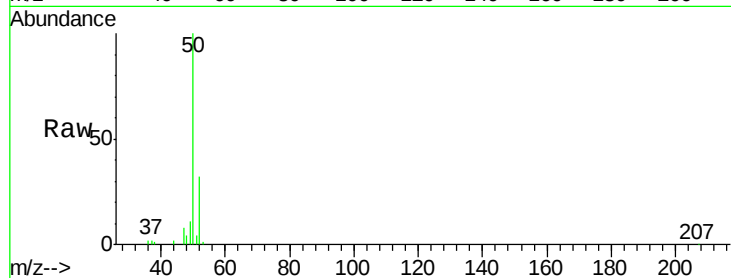
52 31.9 27.0 40.4

Manual Integrations

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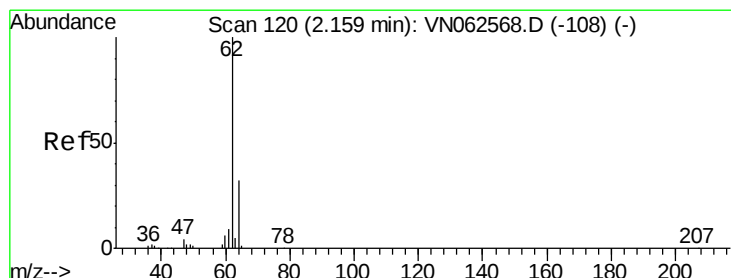
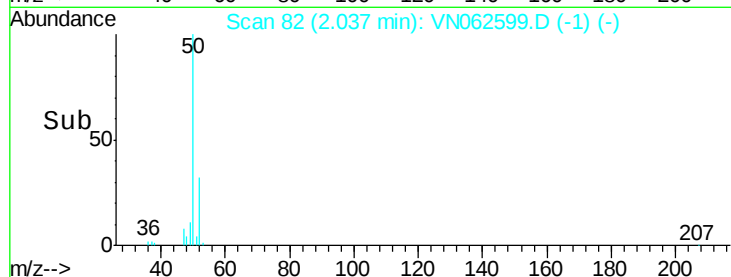
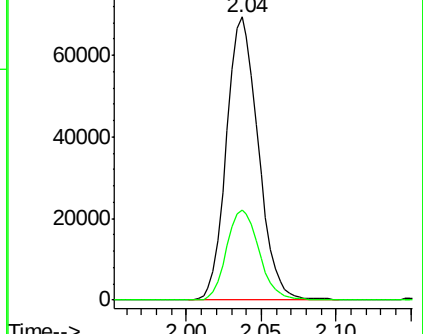
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 42.346 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062599.D

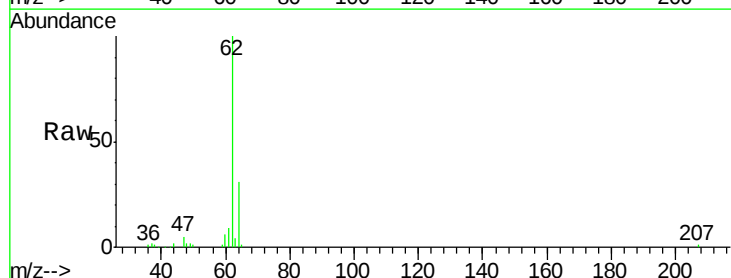
Acq: 27 Jul 2020 14:42

Tgt Ion: 62 Resp: 99594

Ion Ratio Lower Upper

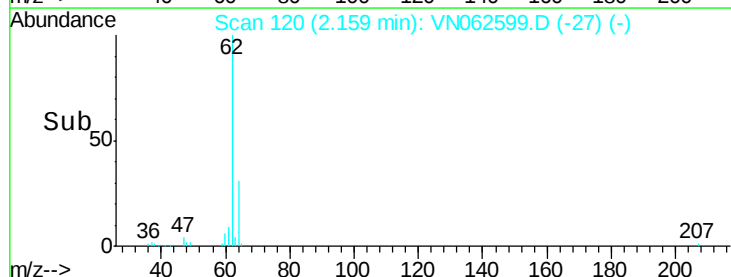
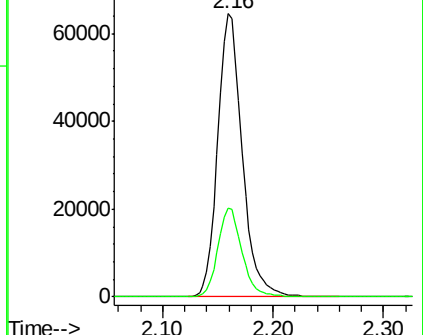
62 100

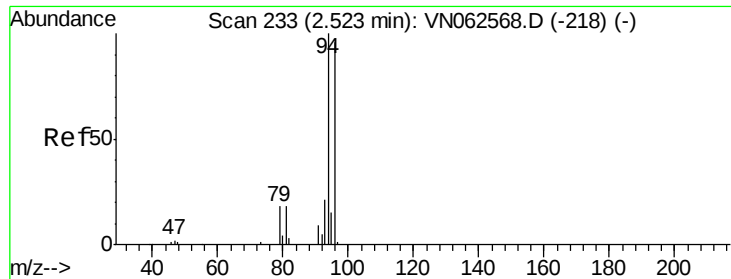
64 31.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 54.616 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 56893

Ion Ratio Lower Upper

94 100

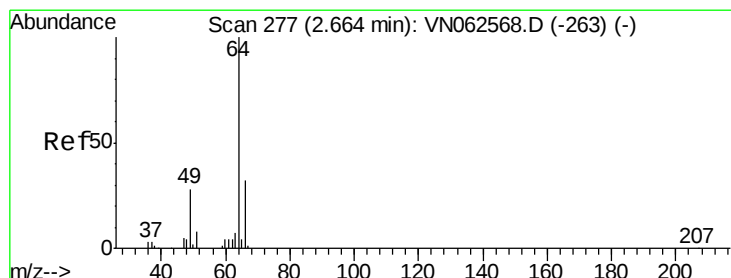
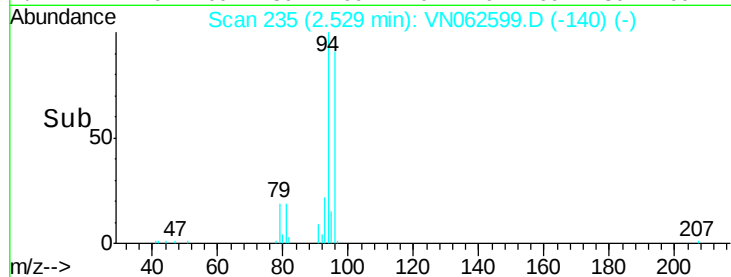
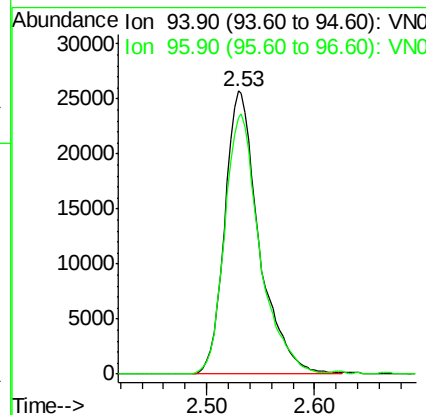
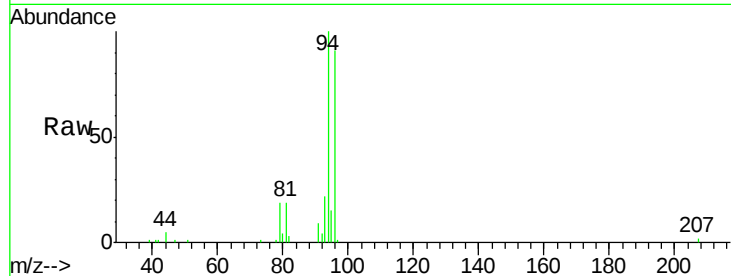
96 90.8 76.6 114.8

Manual Integrations

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#6

Chloroethane

Concen: 52.955 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062599.D

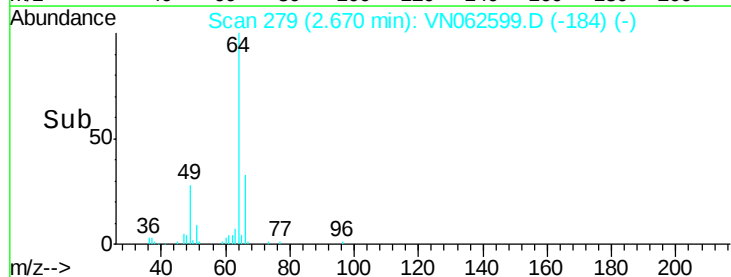
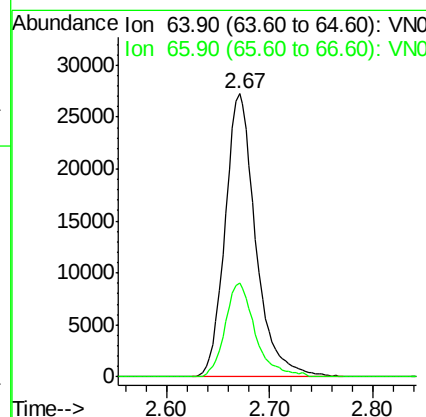
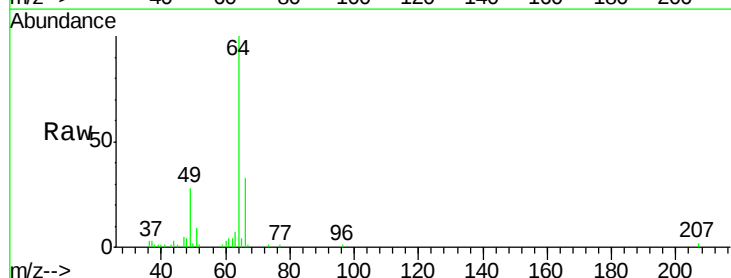
Acq: 27 Jul 2020 14:42

Tgt Ion: 64 Resp: 56337

Ion Ratio Lower Upper

64 100

66 33.0 25.8 38.8





#7

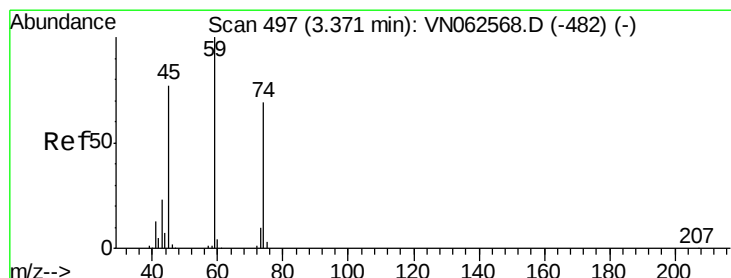
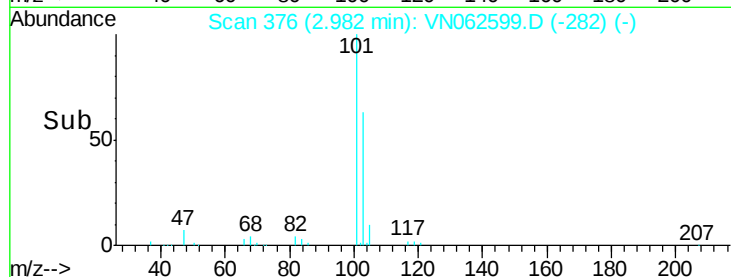
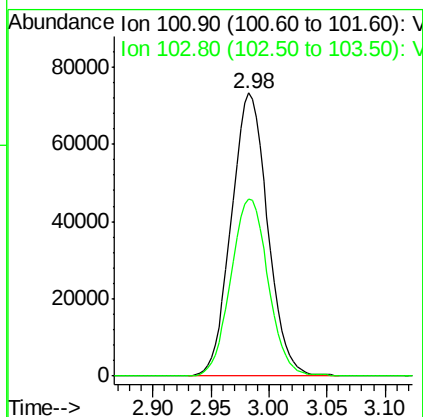
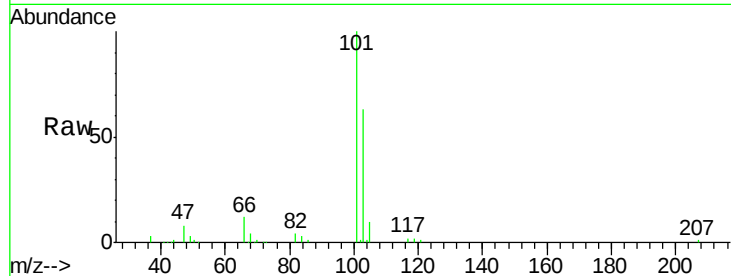
Trichlorofluoromethane
Concen: 57.675 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	159262		
103	62.8	51.5	77.3	

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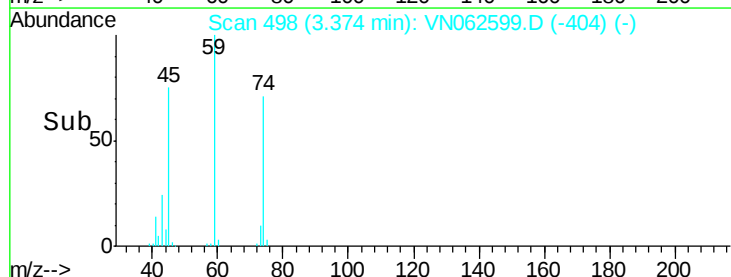
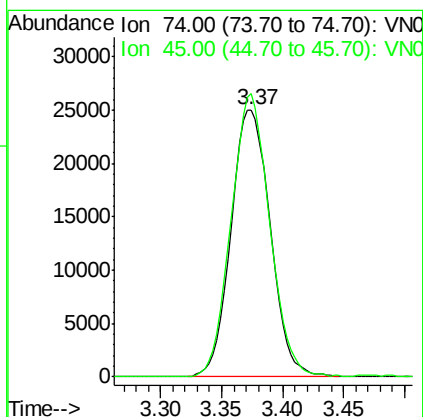
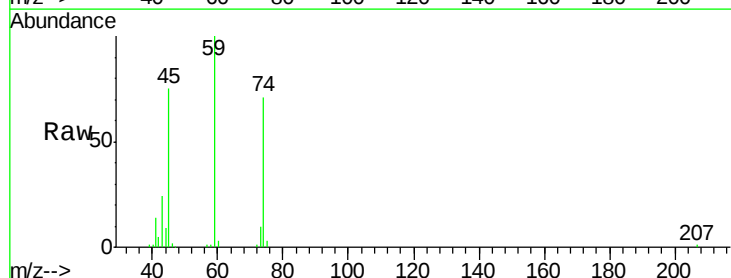
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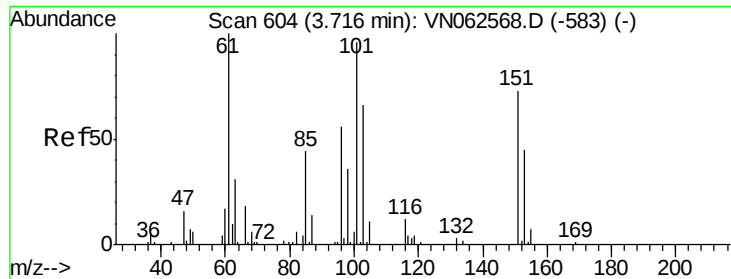


#8

Diethyl Ether
Concen: 43.322 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	55942		
45	103.9	55.3	165.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.394 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

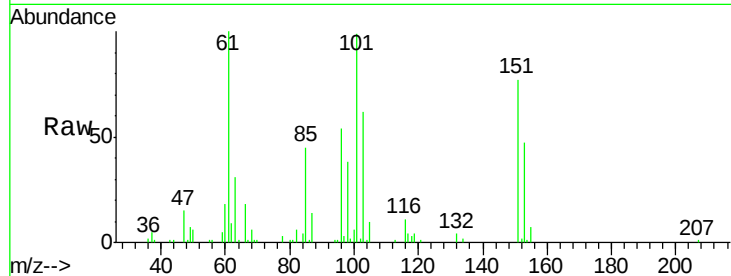
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	83908
Ion Ratio	Lower	Upper	
101	100		
85	47.4	36.0	54.0
151	76.6	60.0	90.0

Manual Integrations
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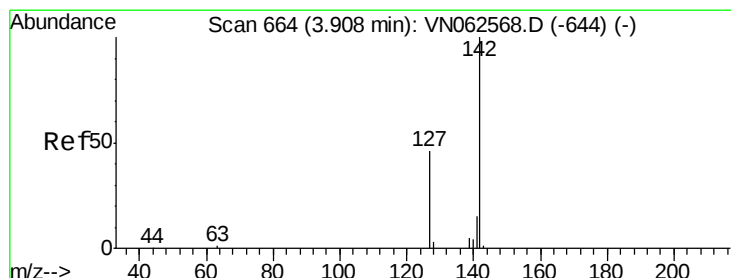
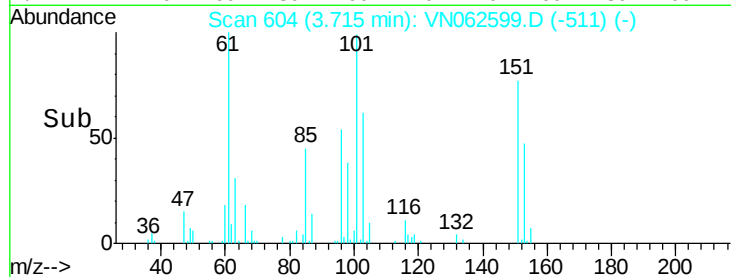
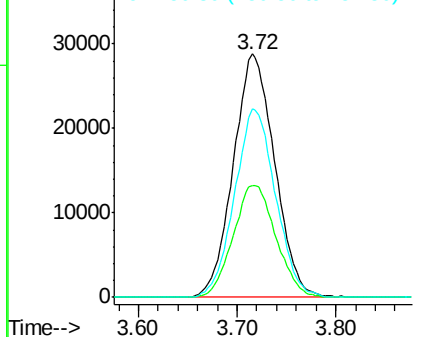


Abundance

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: 45.680 ug/l

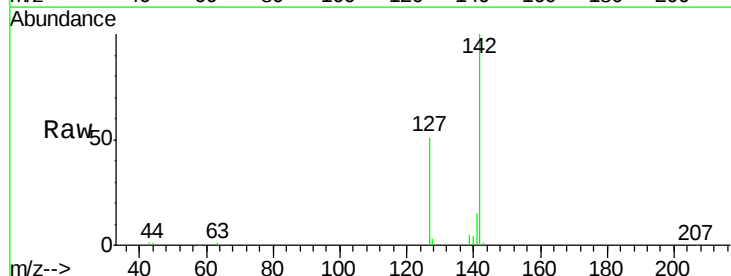
RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Tgt Ion:	142	Resp:	103394
Ion Ratio	Lower	Upper	
142	100		
127	50.7	37.4	56.0
141	14.9	11.9	17.9

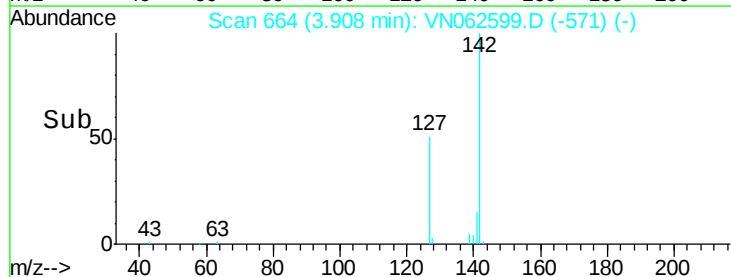
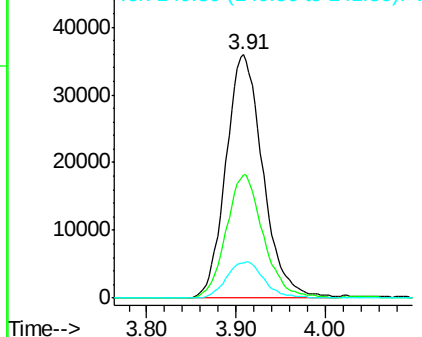


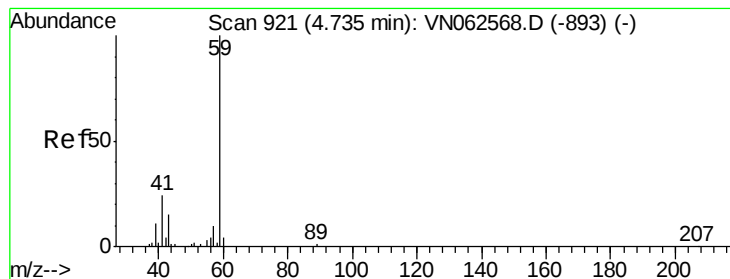
Abundance

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

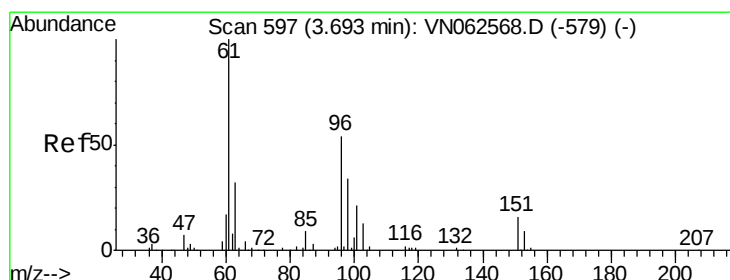
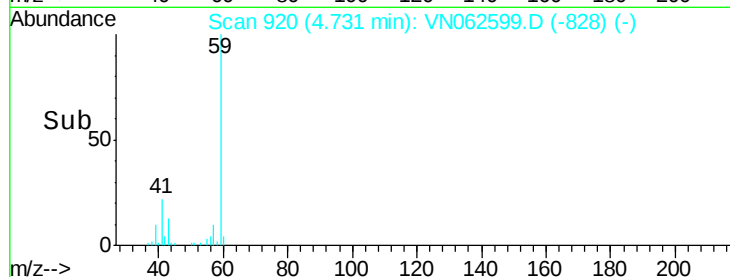
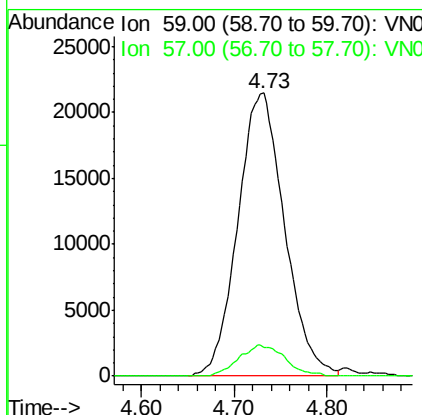
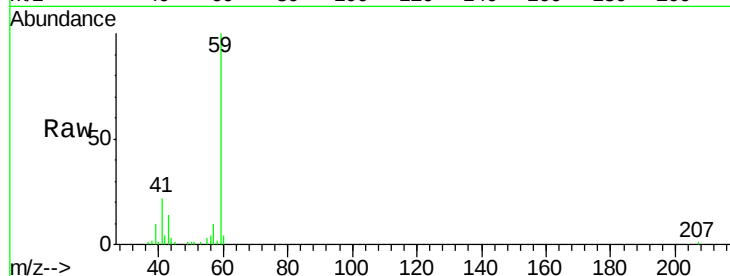
Tert butyl alcohol
 Concen: 181.499 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 75215
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.2

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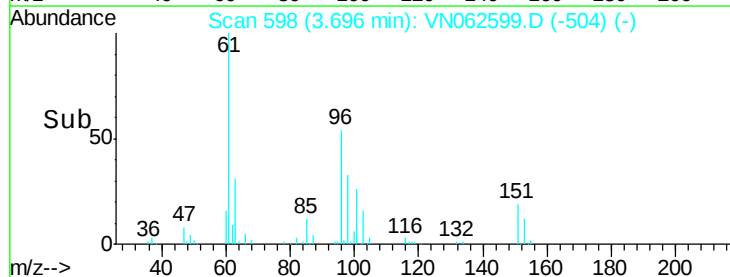
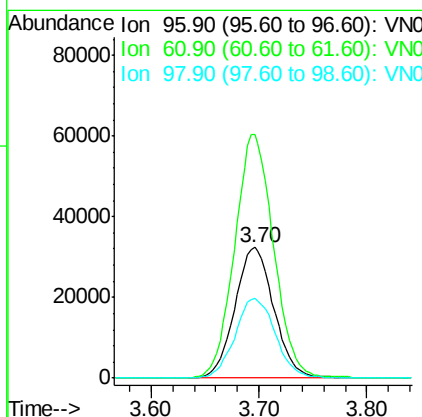
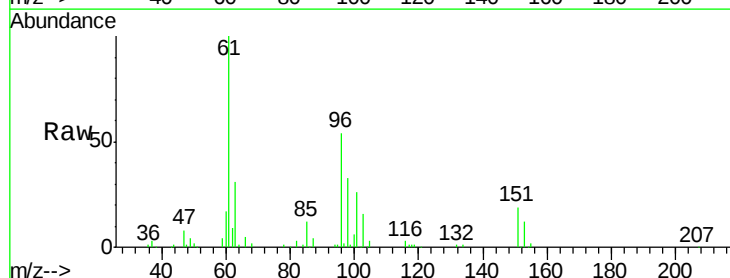
MMDadoda
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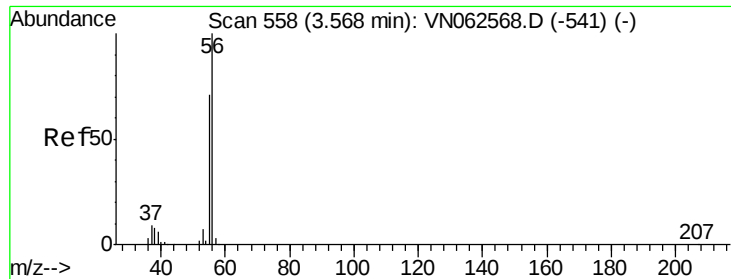


#12

1,1-Dichloroethene
 Concen: 45.325 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion: 96 Resp: 81383
 Ion Ratio Lower Upper
 96 100
 61 185.9 148.6 222.8
 98 60.9 50.6 75.8





#13

Acrolein

Concen: 160.109 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 67838

Ion Ratio Lower Upper

56 100

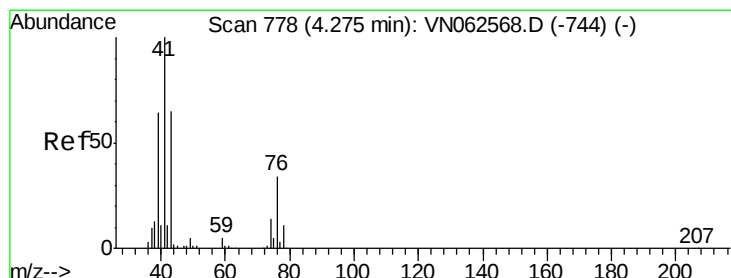
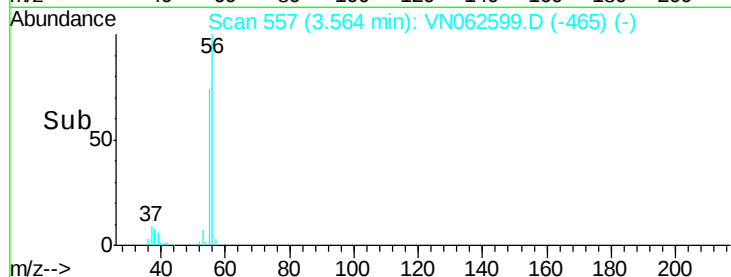
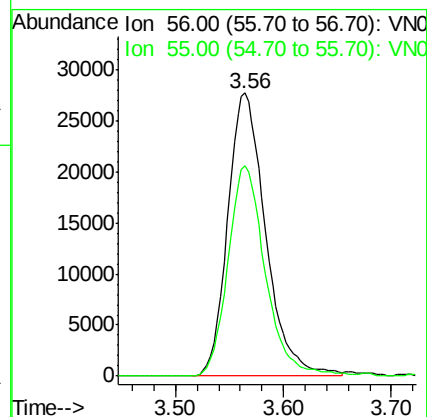
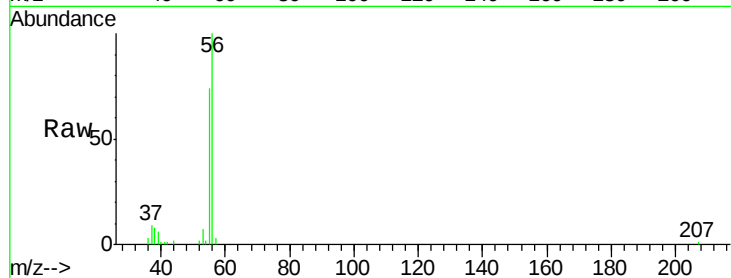
55 73.2 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 40.243 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

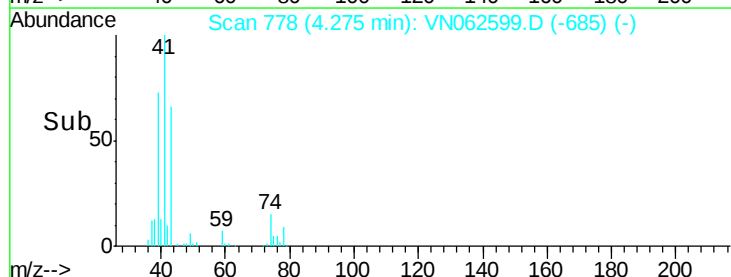
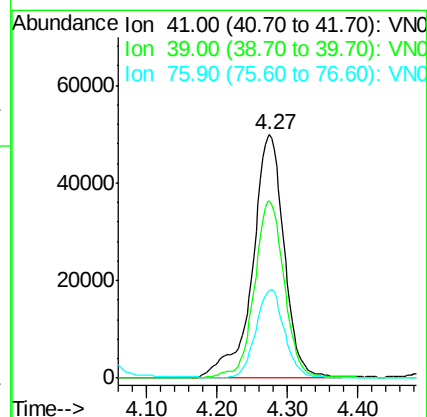
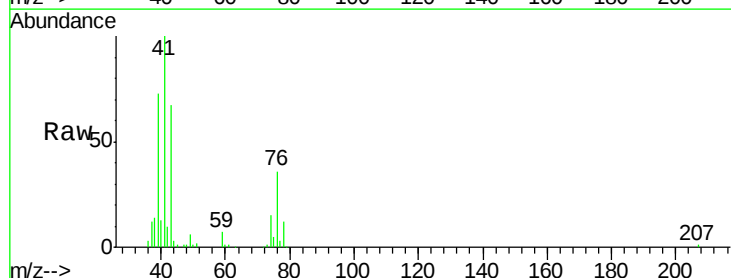
Tgt Ion: 41 Resp: 156305

Ion Ratio Lower Upper

41 100

39 68.3 49.0 73.4

76 33.1 24.0 36.0





#15

Acrylonitrile

Concen: 202.594 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

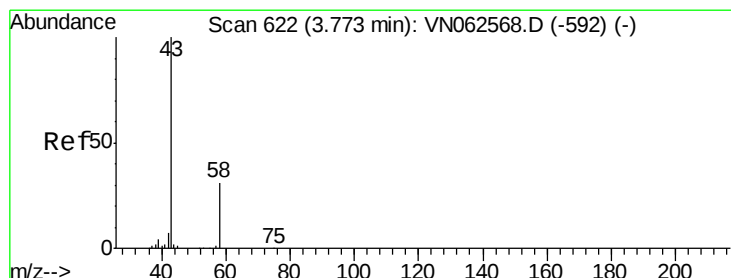
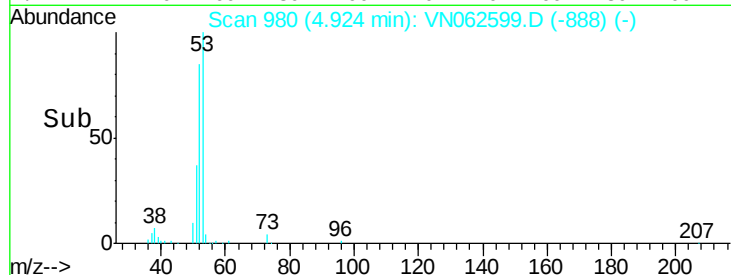
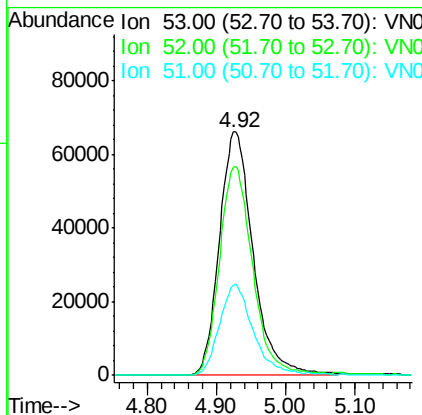
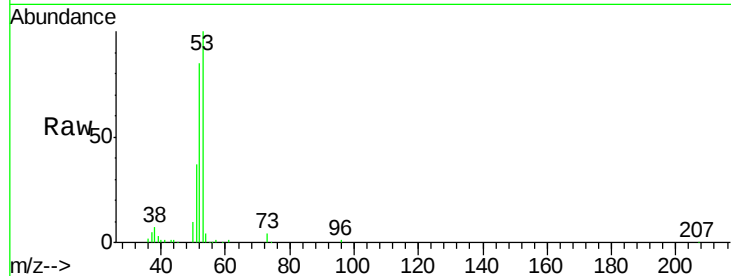
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	224876
Ion Ratio		Lower	Upper
53	100		
52	84.3	66.3	99.5
51	37.1	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 219.808 ug/l

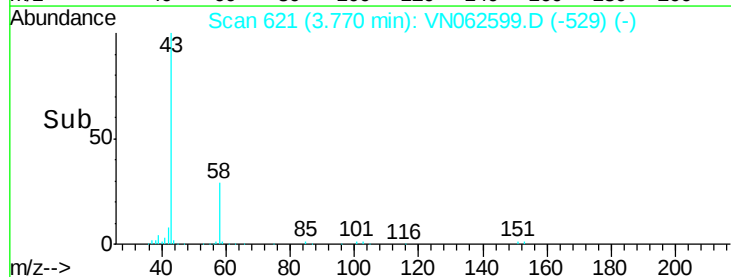
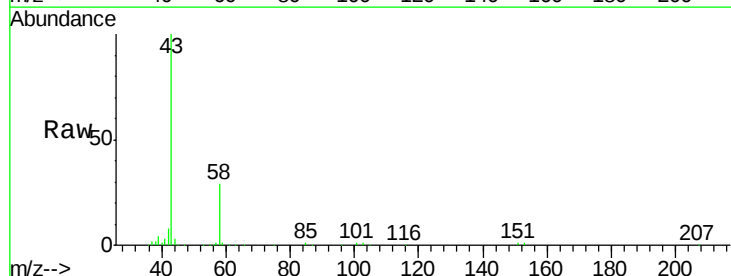
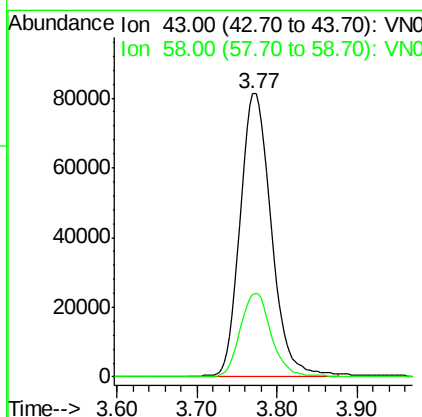
RT: 3.77 min Scan# 621

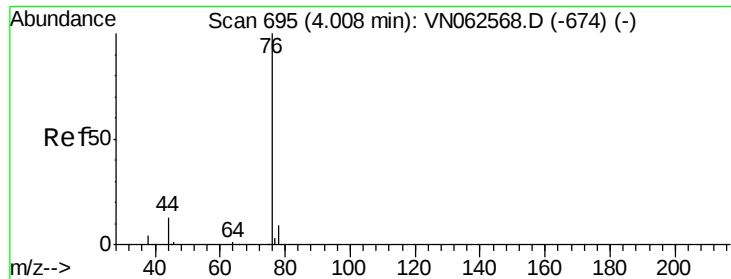
Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Tgt Ion:	43	Resp:	215476
Ion Ratio		Lower	Upper
43	100		
58	29.1	24.6	37.0





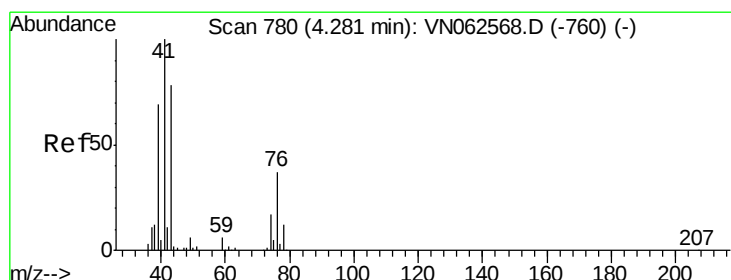
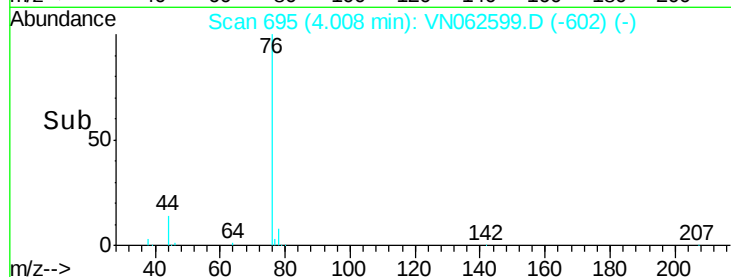
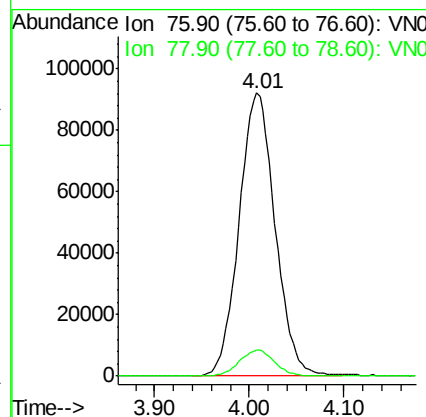
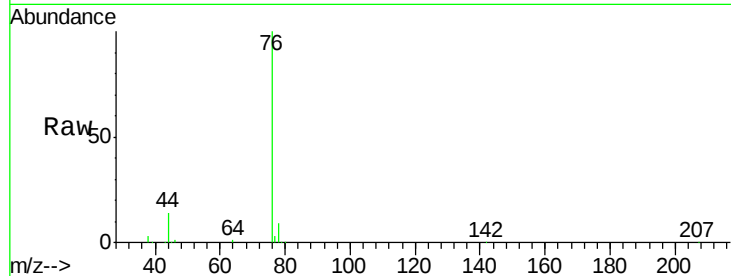
#17
Carbon Disulfide
Concen: 41.279 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

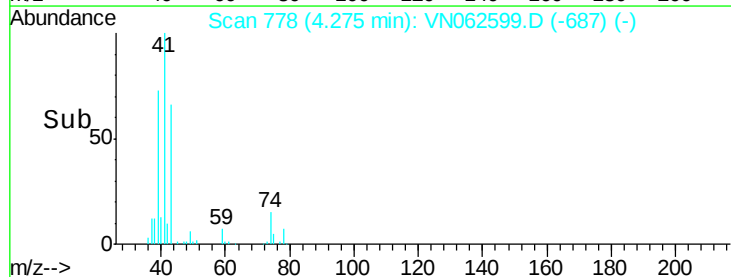
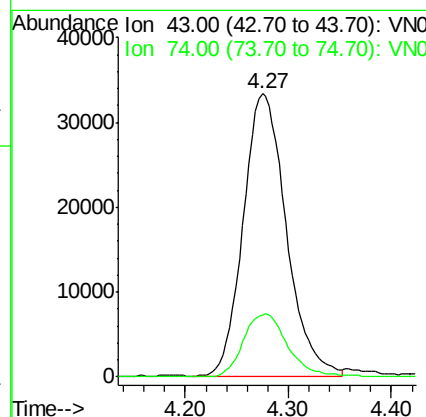
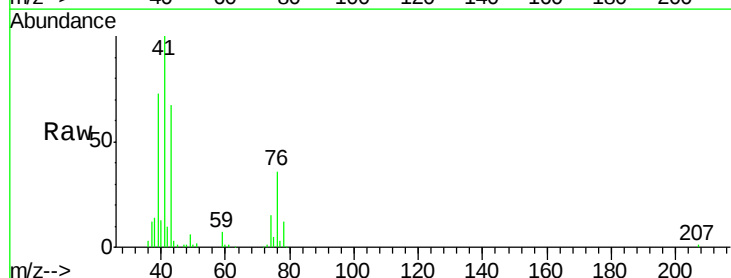
Manual Integrations
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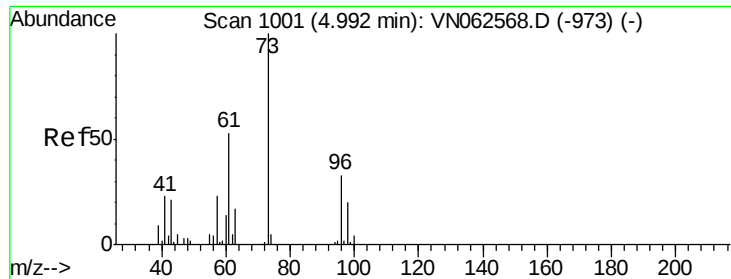
MMDadoda
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#18
Methyl Acetate
Concen: 39.230 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.6	24.8





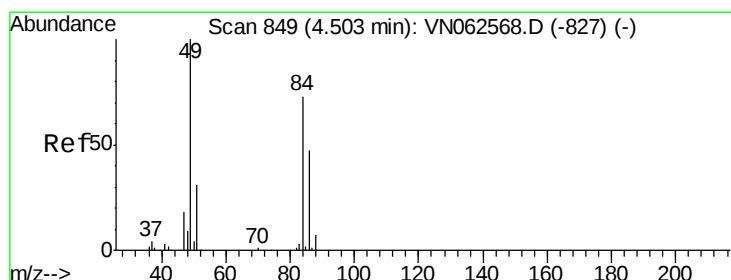
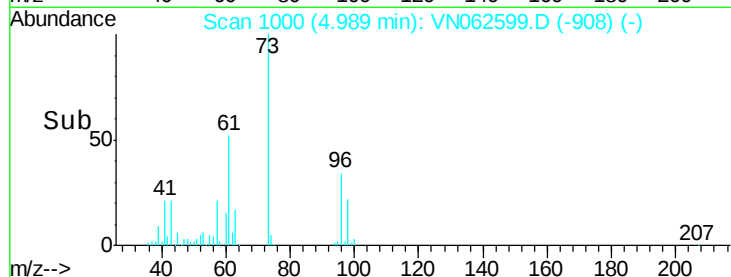
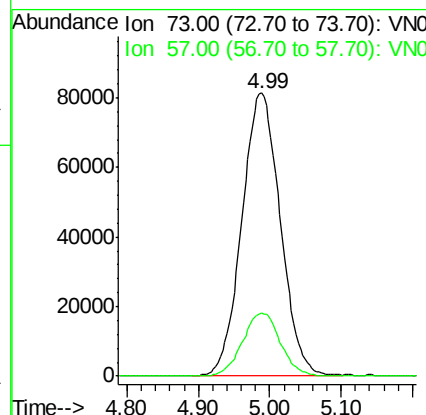
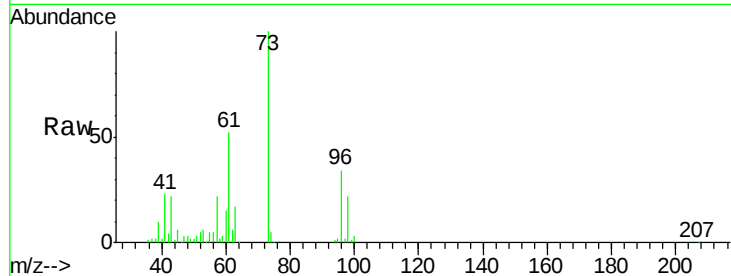
#19
Methvl tert-butvl Ether
Concen: 46.223 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 305478
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8

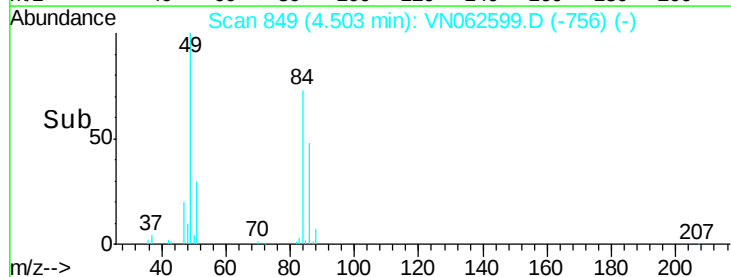
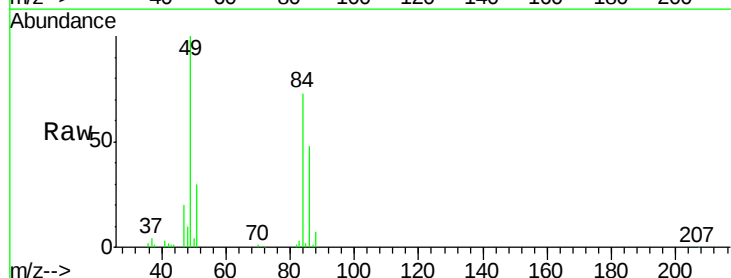
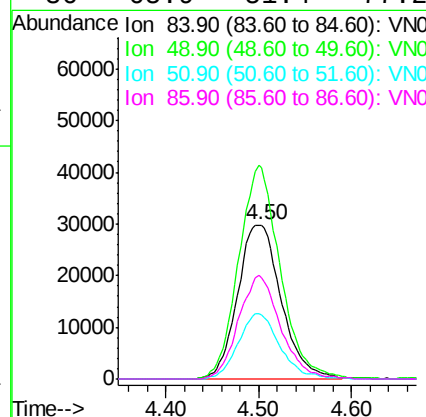
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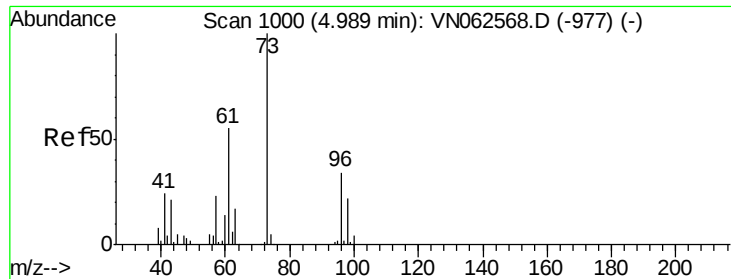
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#20
Methylene Chloride
Concen: 41.404 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 84 Resp: 97347
Ion Ratio Lower Upper
84 100
49 137.4 109.4 164.0
51 41.9 33.6 50.4
86 65.9 51.4 77.2





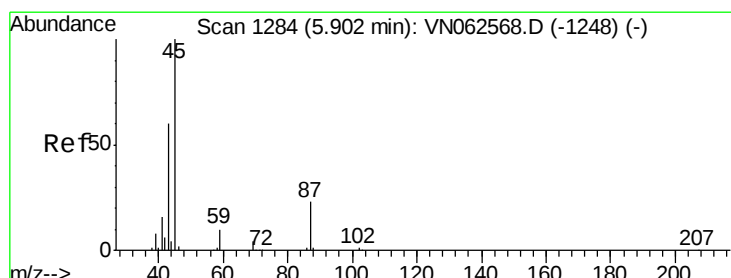
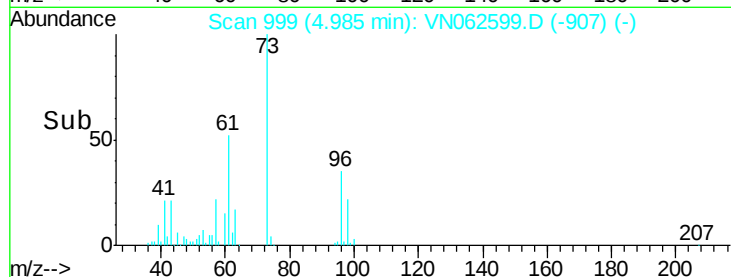
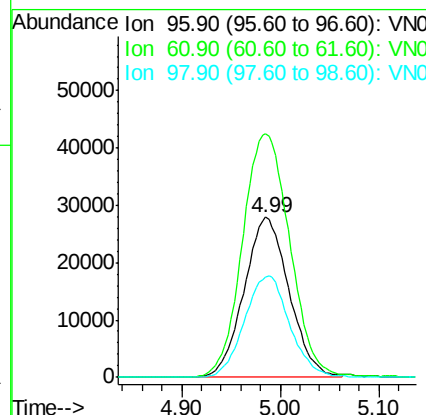
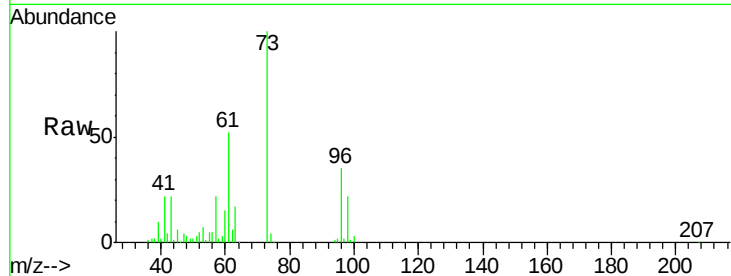
#21
trans-1,2-Dichloroethene
Concen: 44.343 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 88370
Ion Ratio Lower Upper
96 100
61 151.9 128.6 192.8
98 62.7 50.6 76.0

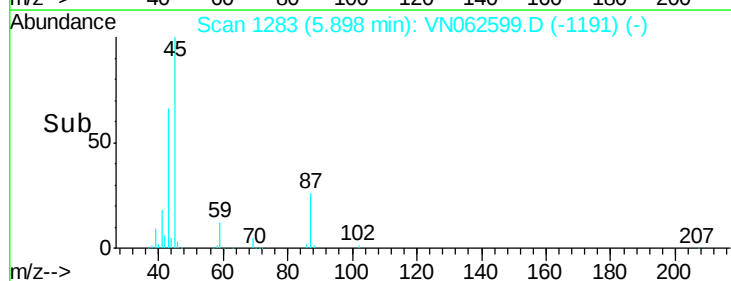
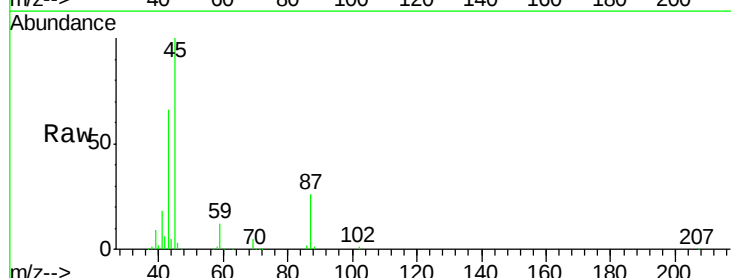
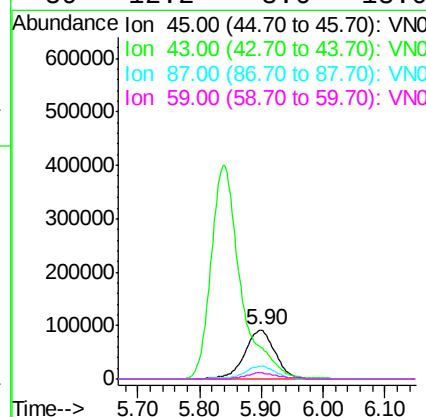
Manual Integrations
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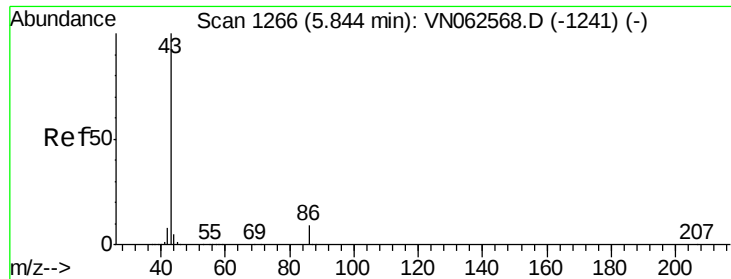
MMDadoda
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#22
Diisopropyl ether
Concen: 40.803 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 45 Resp: 315013
Ion Ratio Lower Upper
45 100
43 64.4 48.7 73.1
87 26.0 19.0 28.6
59 12.2 8.6 13.0





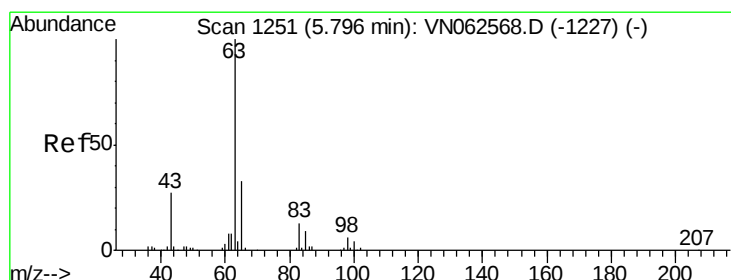
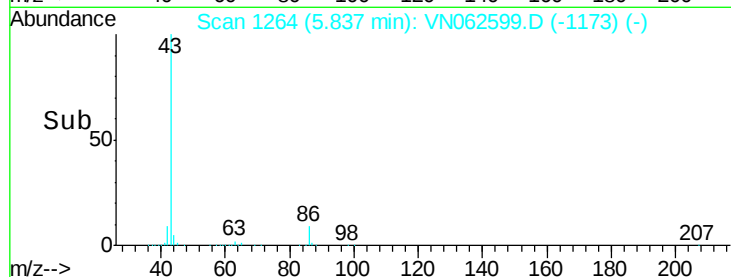
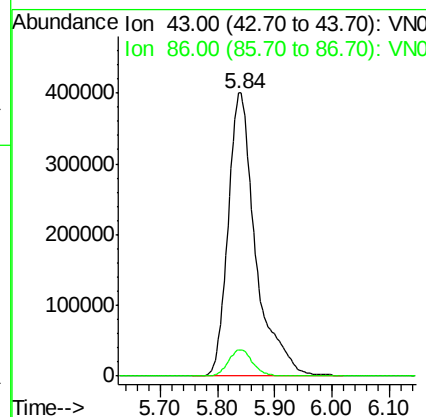
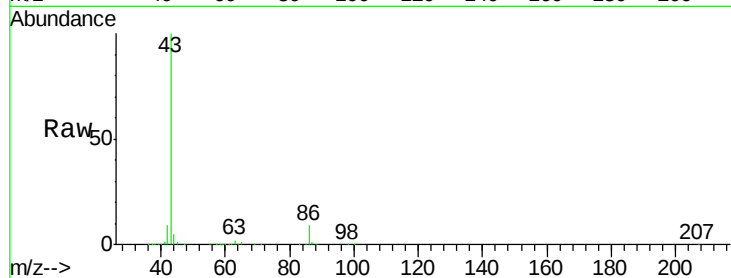
#23
 Vinyl Acetate
 Concen: 211.768 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1339620
 Ion Ratio Lower Upper
 43 100
 86 9.4 6.9 10.3

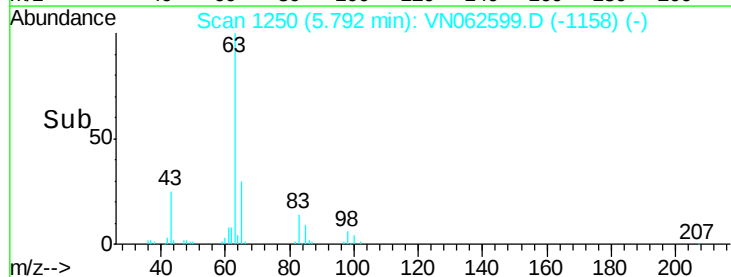
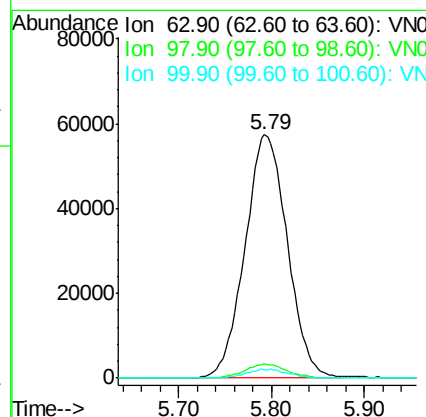
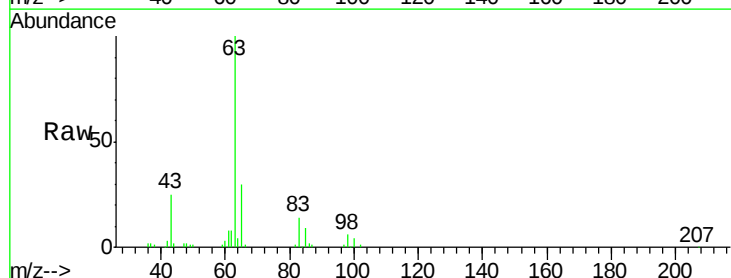
Manual Integrations
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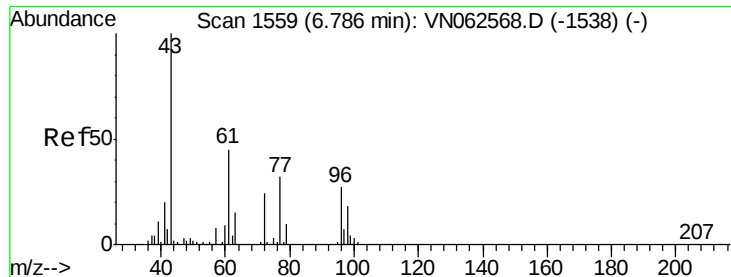
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 43.849 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion: 63 Resp: 182296
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.8
 100 3.5 1.8 5.4





#25

2-Butanone

Concen: 201.463 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 300775

Ion Ratio Lower Upper

43 100

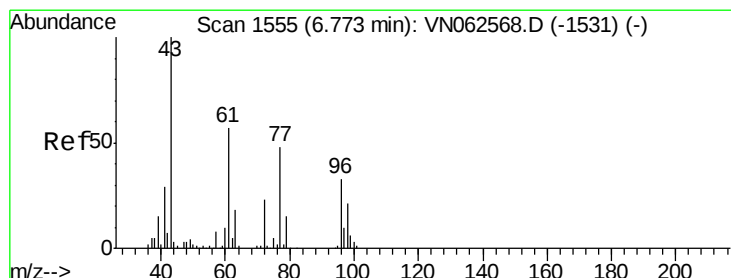
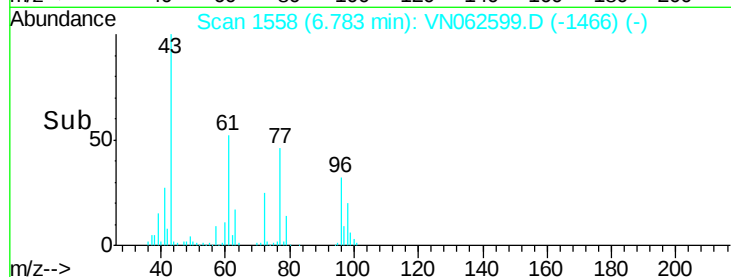
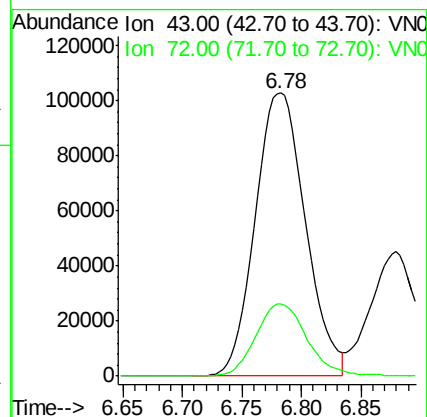
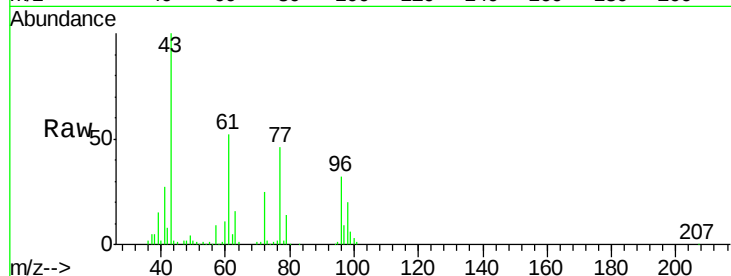
72 25.4 19.0 28.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.381 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062599.D

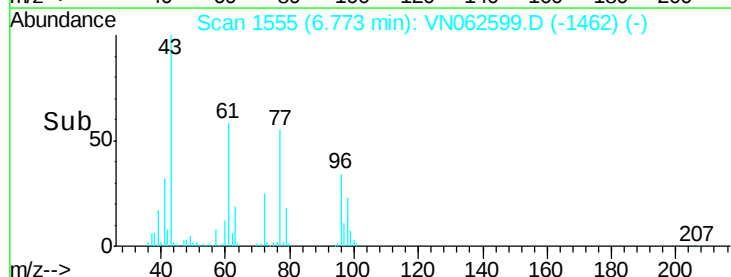
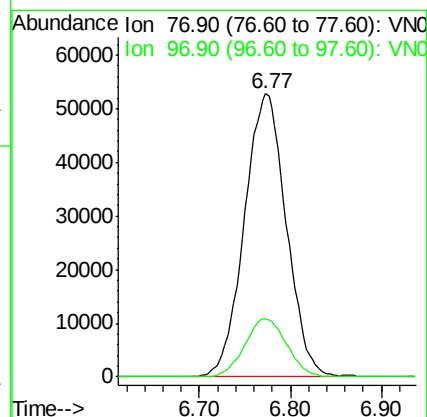
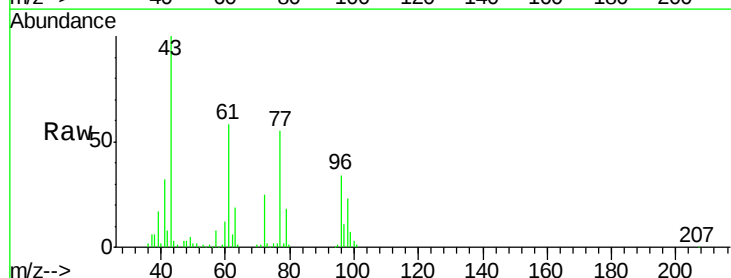
Acq: 27 Jul 2020 14:42

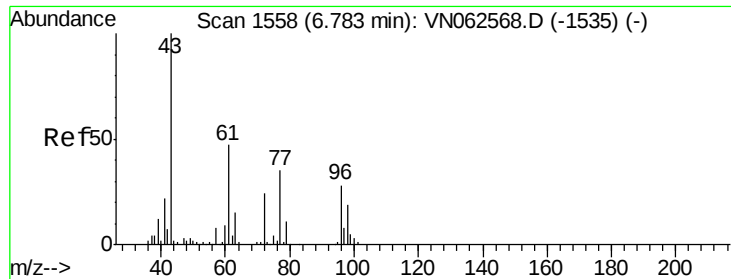
Tgt Ion: 77 Resp: 168529

Ion Ratio Lower Upper

77 100

97 20.6 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 44.024 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062599.D

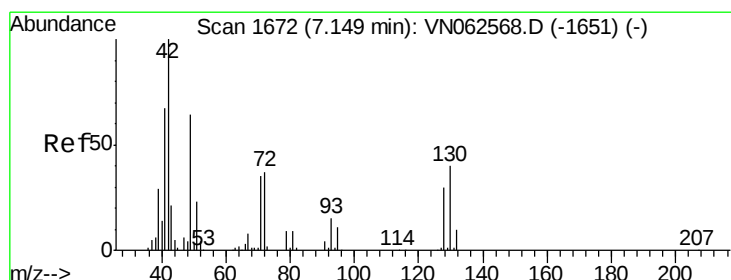
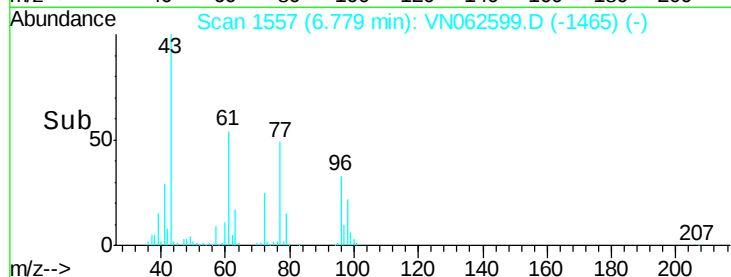
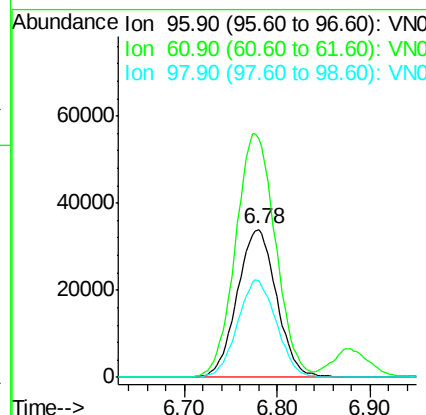
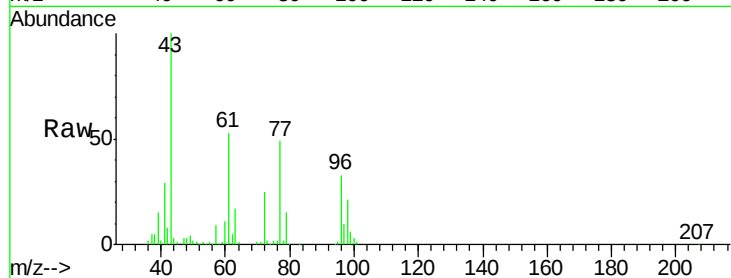
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	100111		
61	166.9		0.0	332.4
98	64.9		0.0	127.4

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#28

Bromochloromethane

Concen: 41.407 ug/l

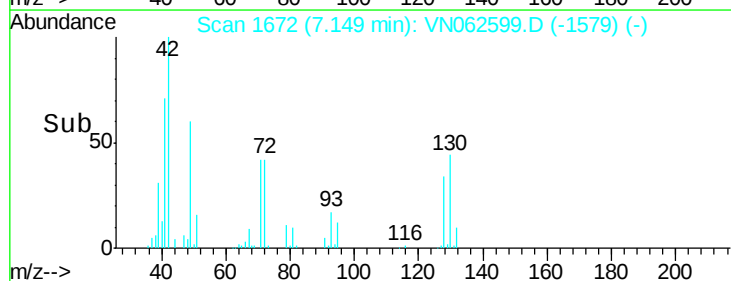
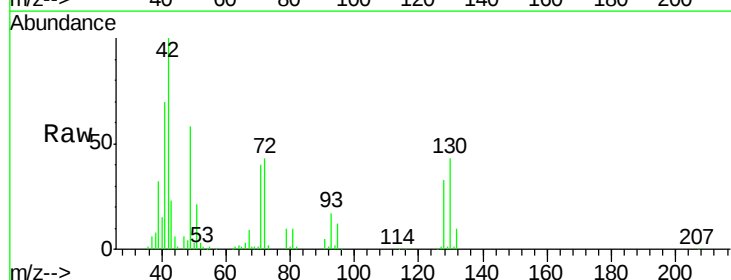
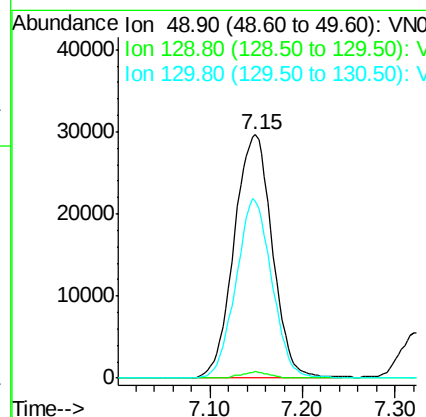
RT: 7.15 min Scan# 1672

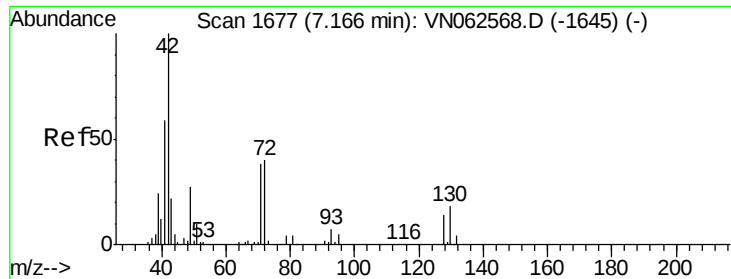
Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	84718		
129	1.8		0.0	3.4
130	68.9		49.8	74.8





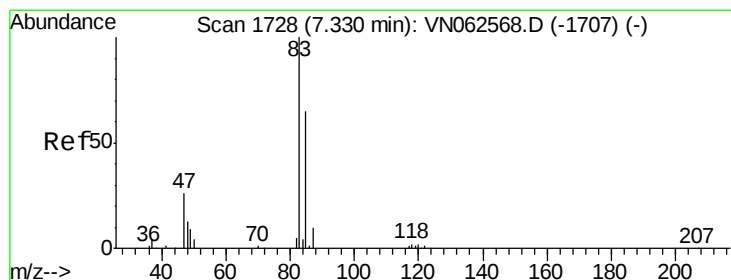
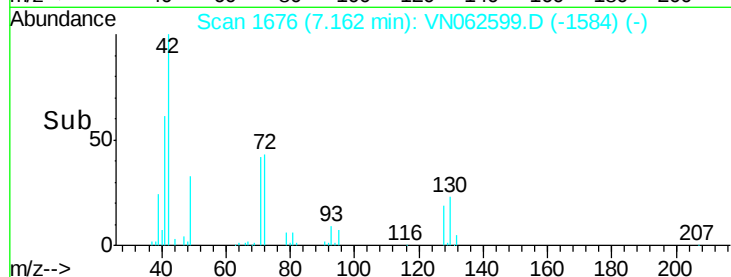
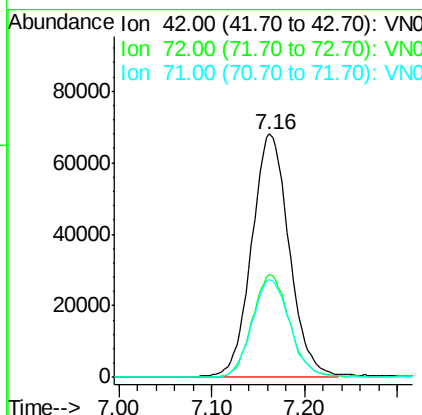
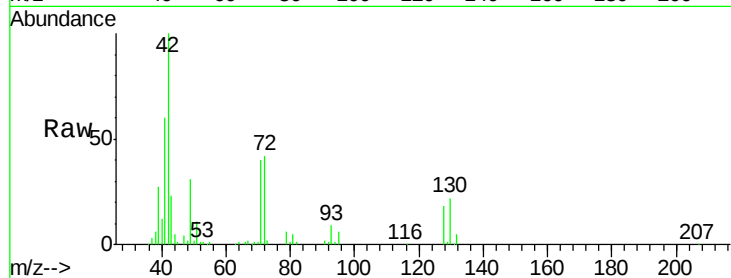
#29
Tetrahydrofuran
Concen: 189.898 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	30.7	46.1
71	40.2	29.1	43.7

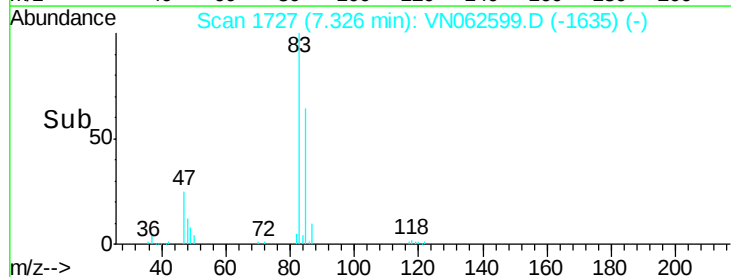
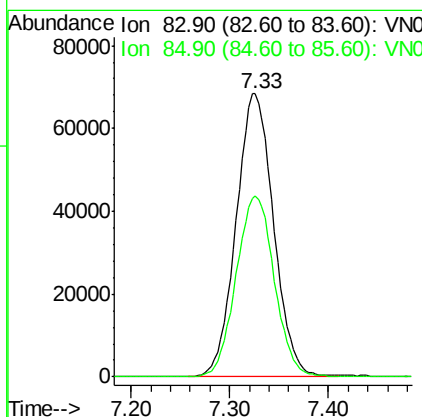
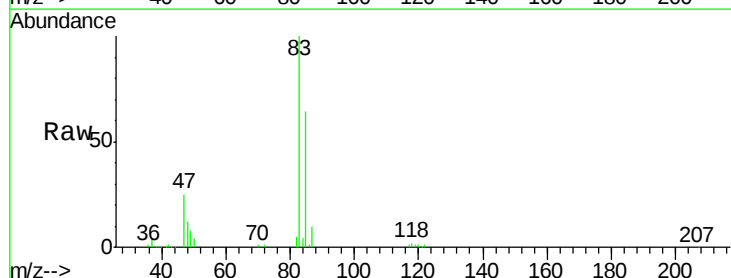
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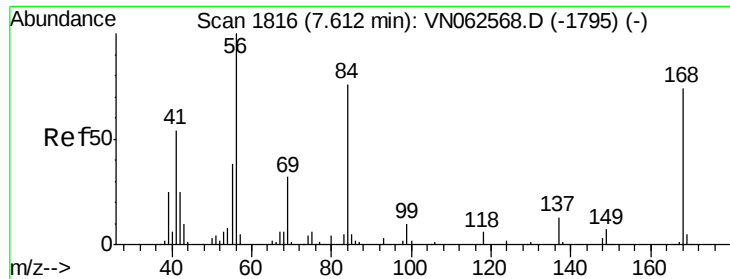
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#30
Chloroform
Concen: 45.555 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.0	78.0





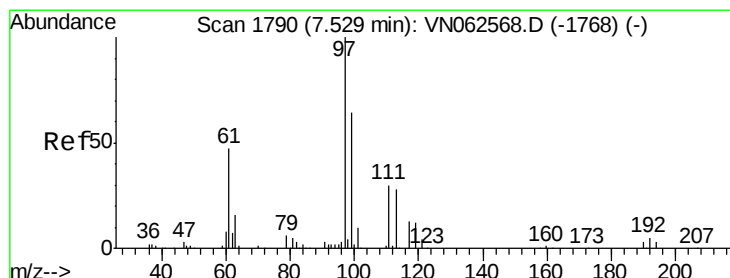
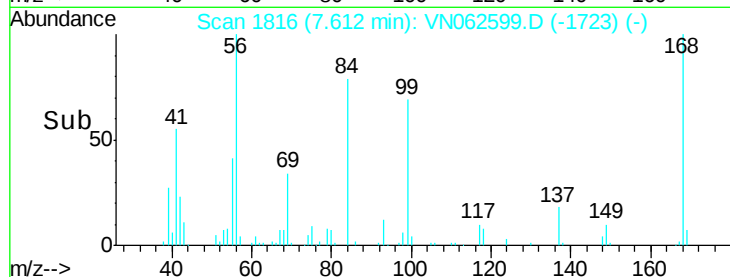
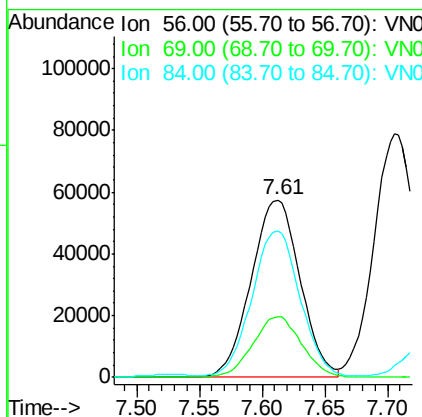
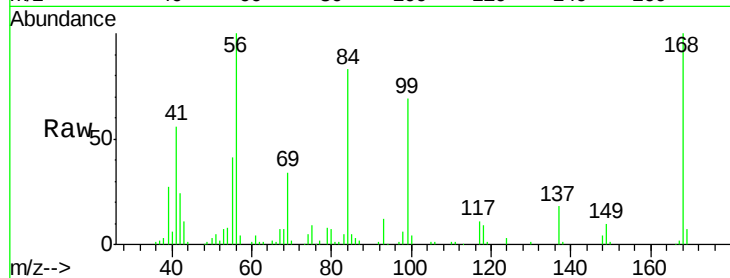
#31
Cyclohexane
Concen: 40.805 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	25.3	37.9
84	81.4	61.0	91.4

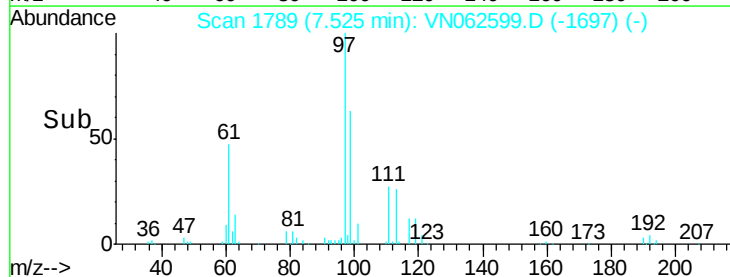
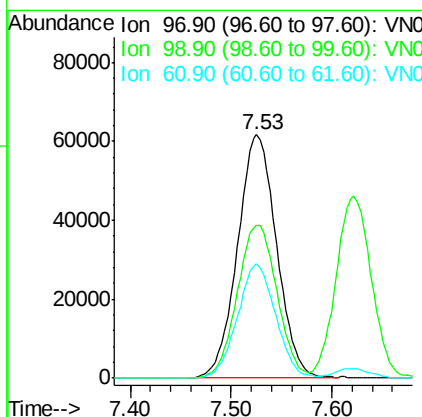
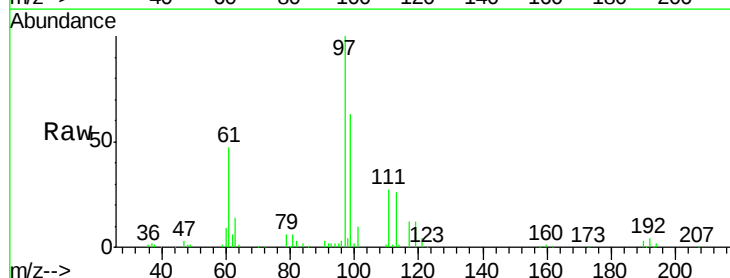
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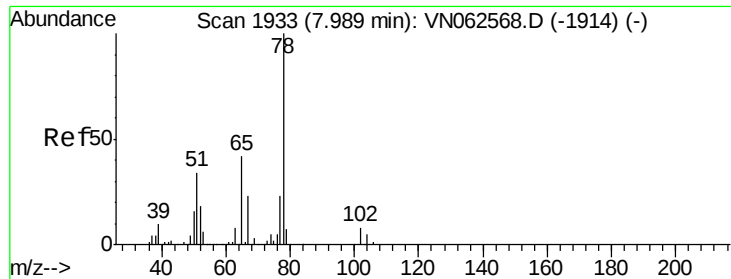
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#32
1,1,1-Trichloroethane
Concen: 50.105 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	45.9	38.4	57.6





#33

1,2-Dichloroethane-d4

Concen: 48.624 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 126667

Ion Ratio Lower Upper

65 100

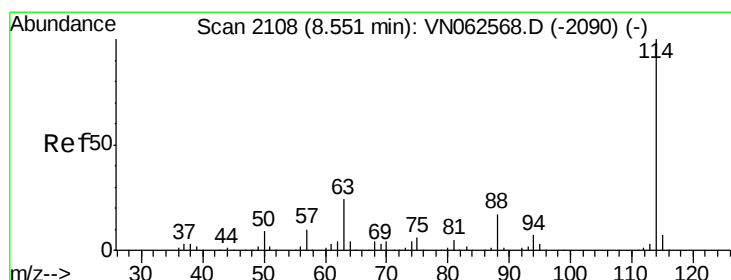
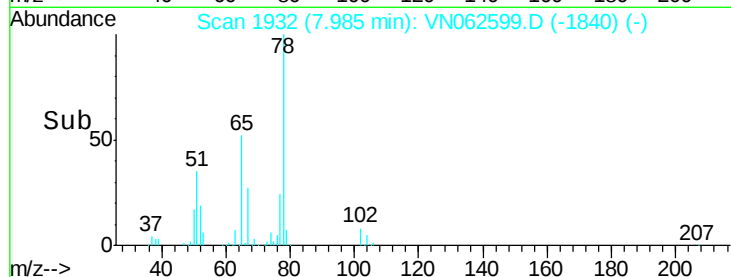
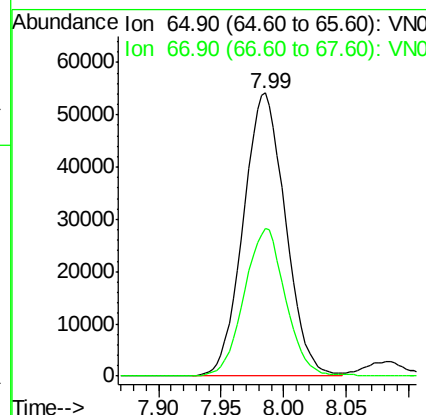
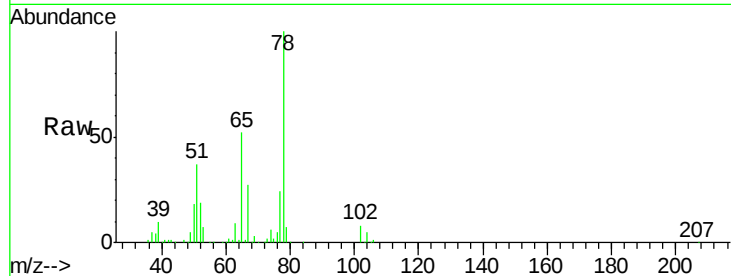
67 51.1 0.0 106.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

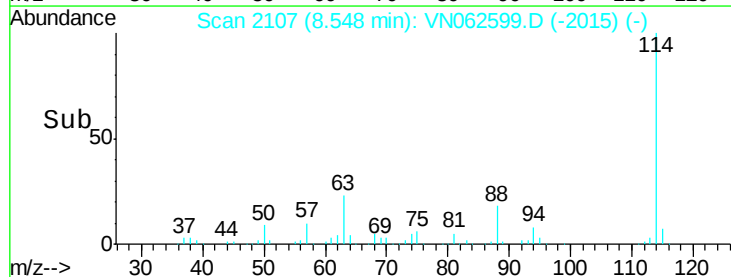
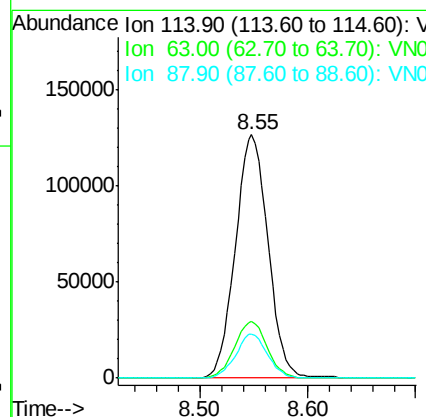
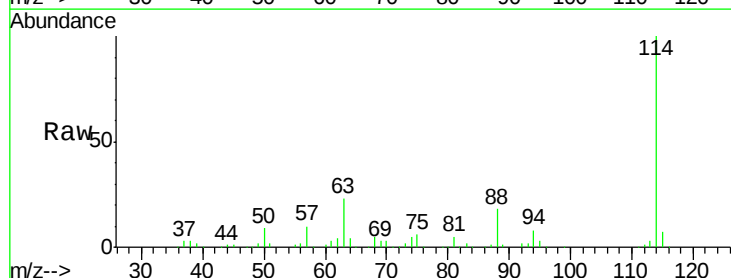
Tgt Ion: 114 Resp: 266880

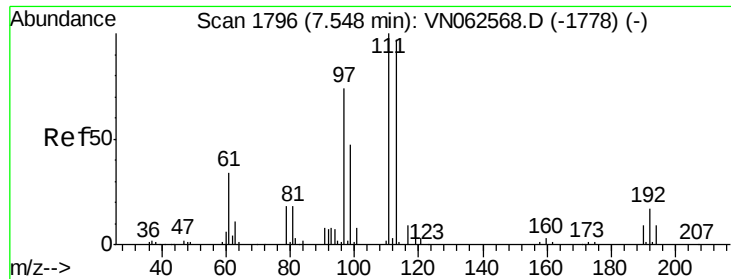
Ion Ratio Lower Upper

114 100

63 23.2 0.0 48.4

88 18.1 0.0 33.8





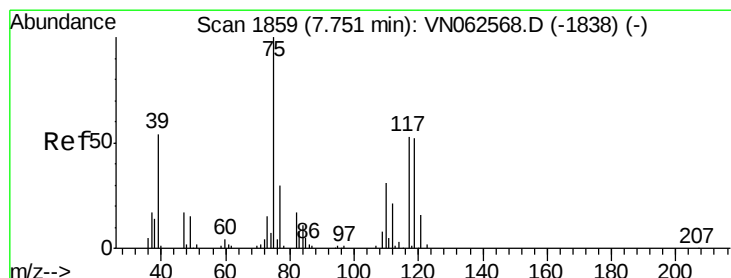
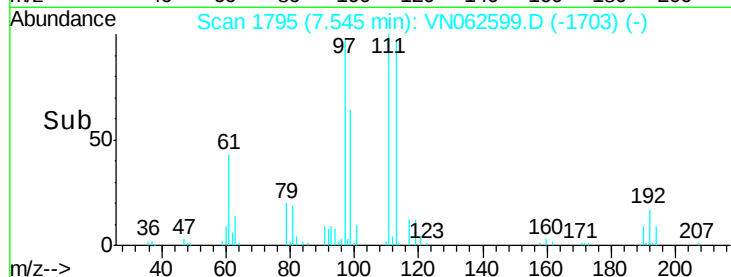
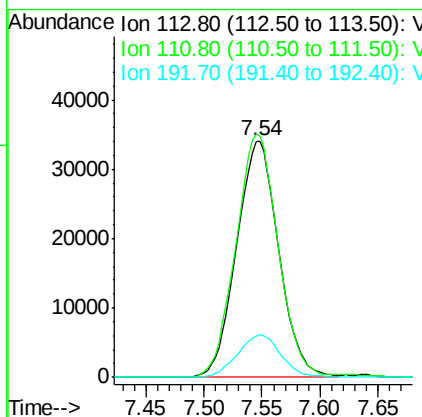
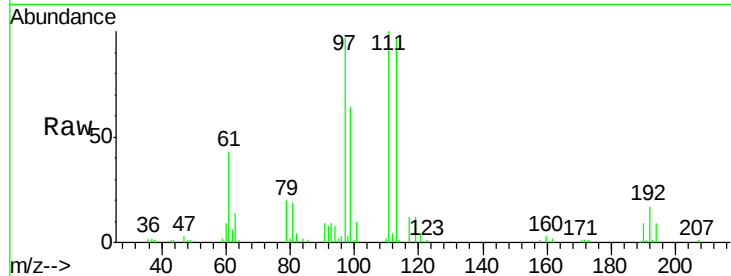
#35
 Dibromofluoromethane
 Concen: 49.054 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	18.5	14.8	22.2

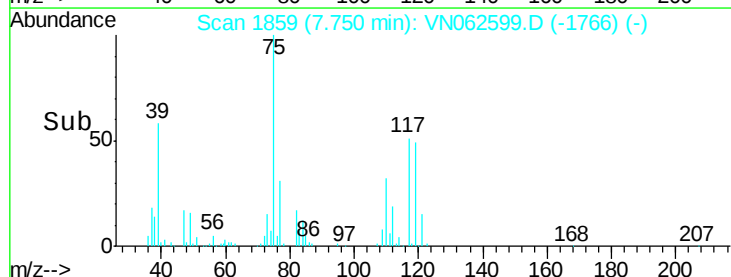
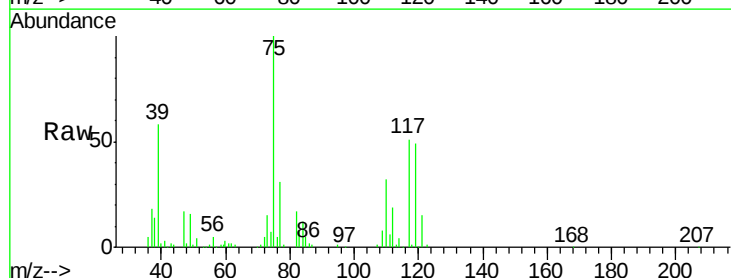
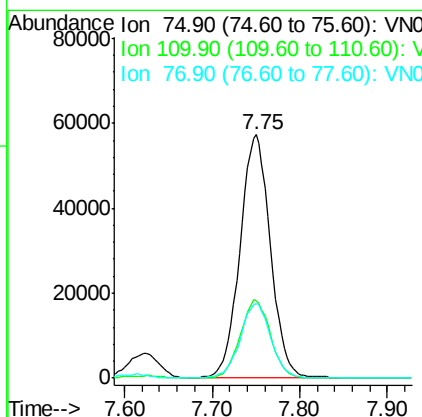
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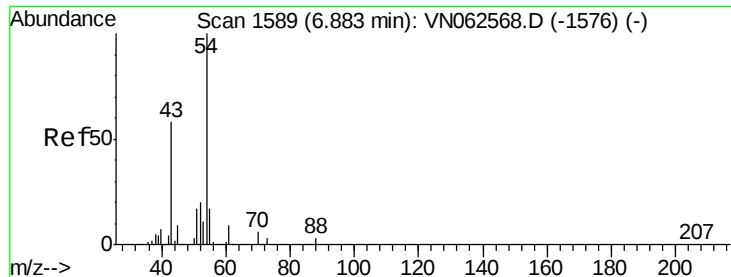
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#36
 1,1-Dichloropropene
 Concen: 48.713 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.7	16.0	48.0
77	30.8	24.6	36.8





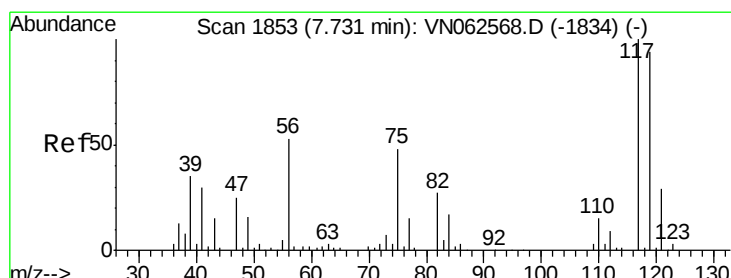
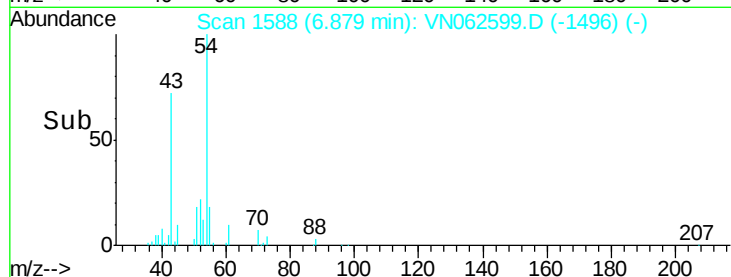
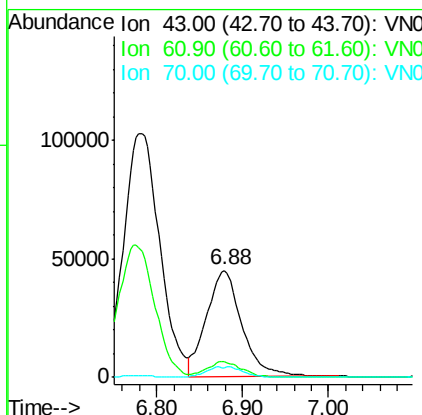
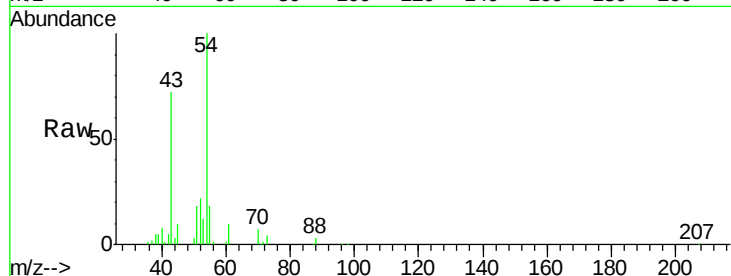
#37
Ethyl Acetate
Concen: 41.972 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	4.6	7.7	11.5

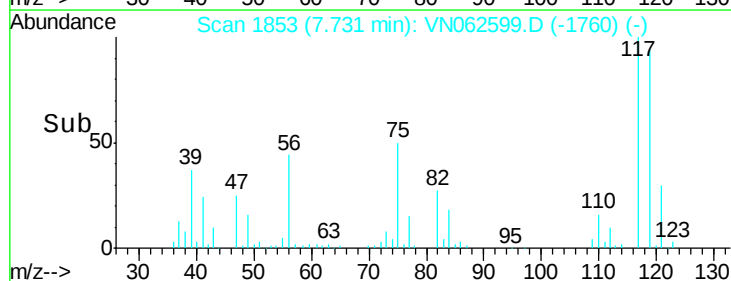
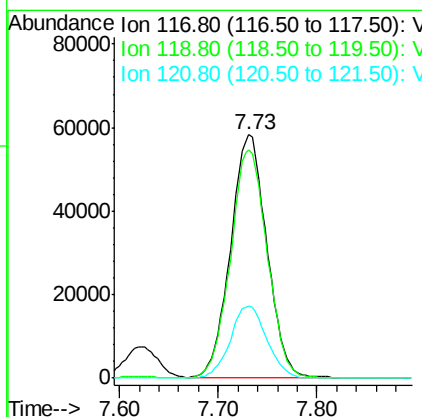
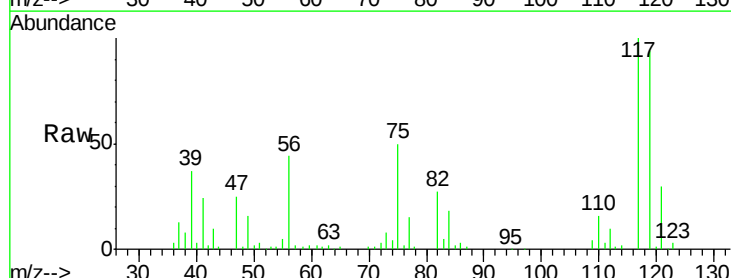
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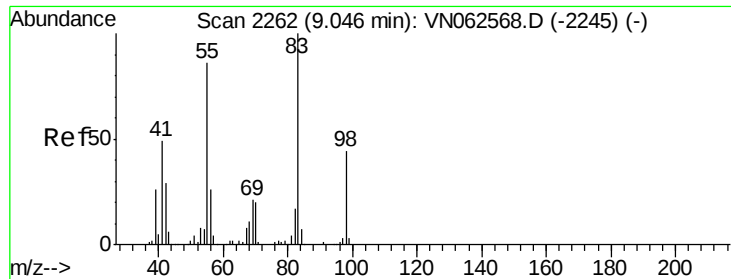
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#38
Carbon Tetrachloride
Concen: 54.172 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.8	112.2
121	29.6	23.0	34.6





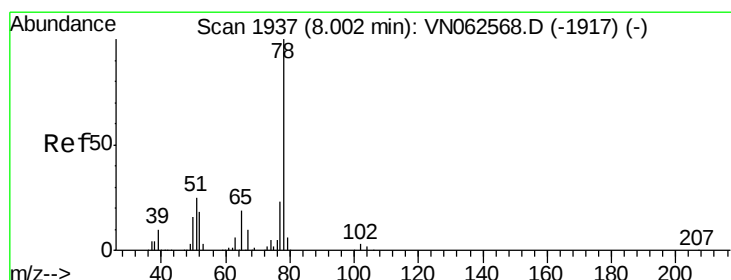
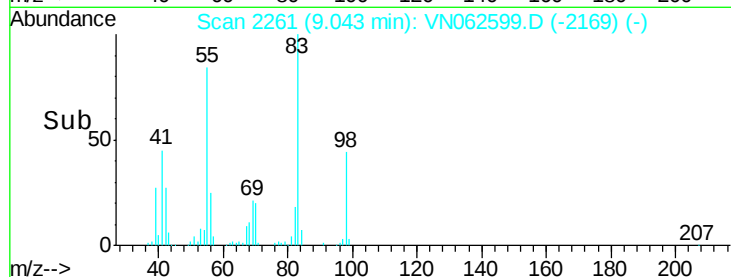
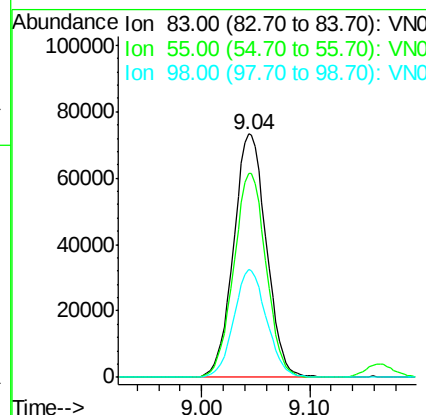
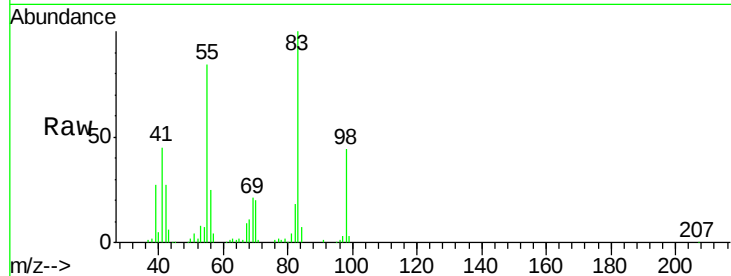
#39
Methvlcvclohexane
Concen: 50.696 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.8	68.9	103.3
98	44.2	35.1	52.7

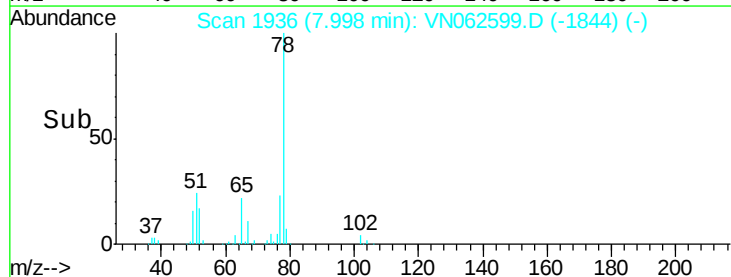
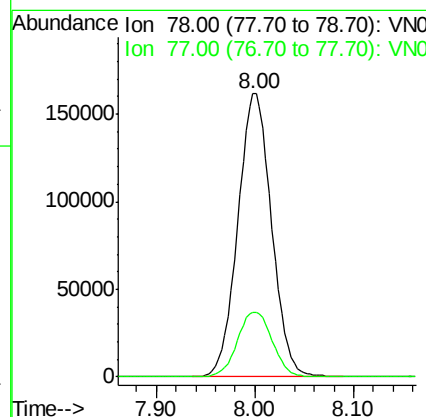
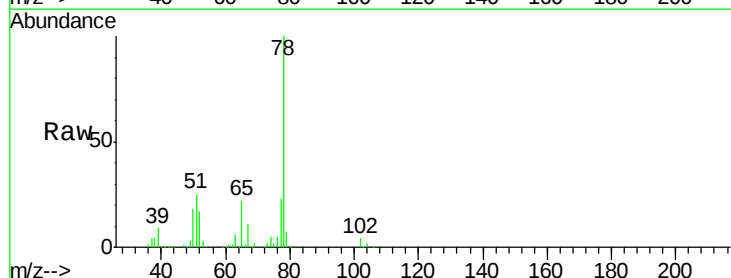
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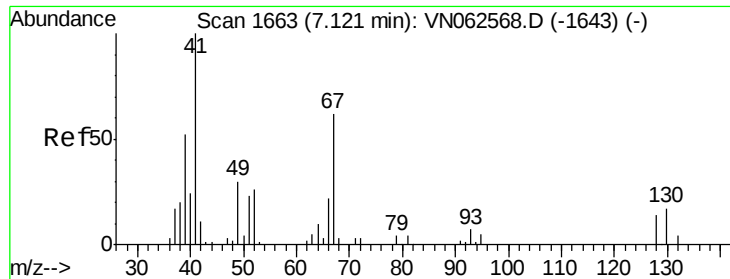
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#40
Benzene
Concen: 44.493 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





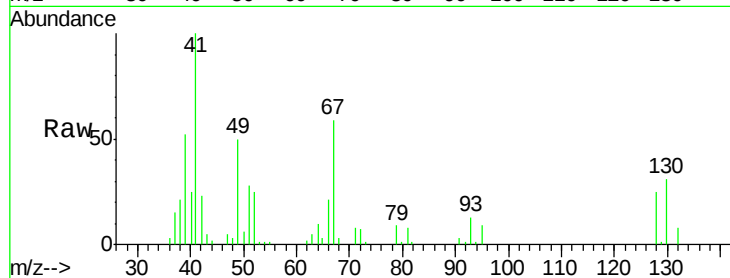
#41
Methacrylonitrile
Concen: 47.613 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

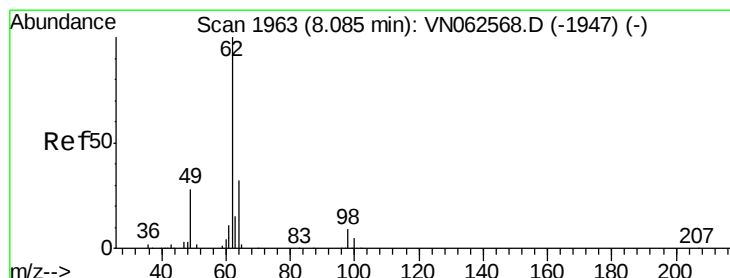
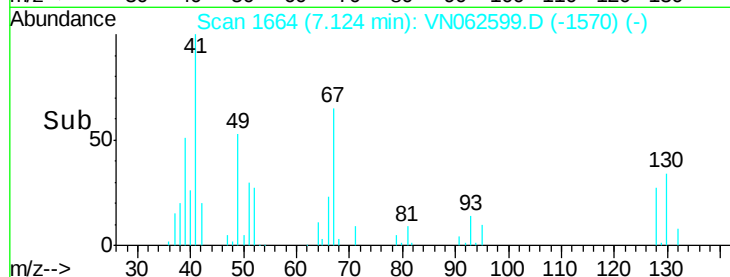
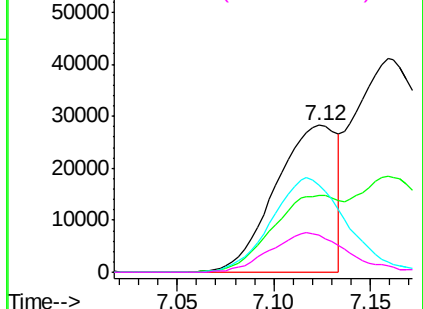
Tot Ion:	41	Resp:	62573
Ion	Ratio	Lower	Upper
41	100		
39	58.7	55.8	83.6
67	79.0	72.5	108.7
52	34.0	31.8	47.8

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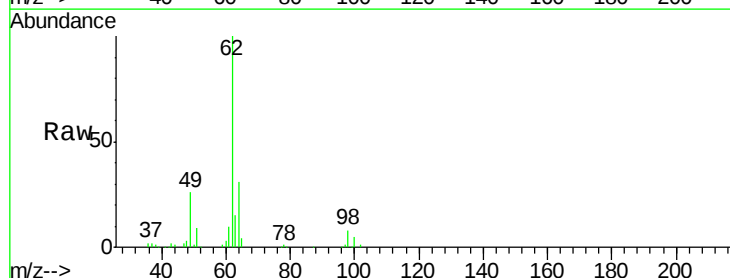


Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-1643) (-)
Ion 39.00 (38.70 to 39.70): VN062568.D (-1643) (-)
Ion 67.00 (66.70 to 67.70): VN062568.D (-1643) (-)
Ion 52.00 (51.70 to 52.70): VN062568.D (-1643) (-)

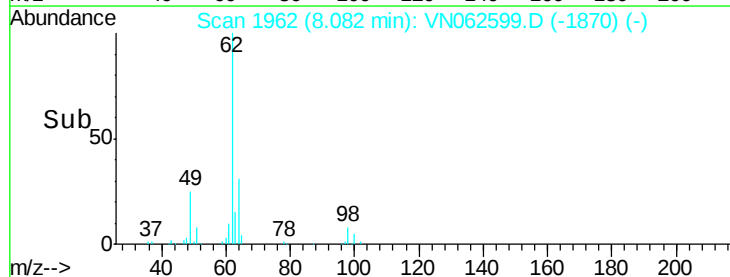
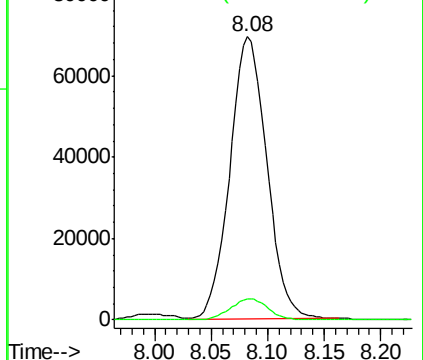


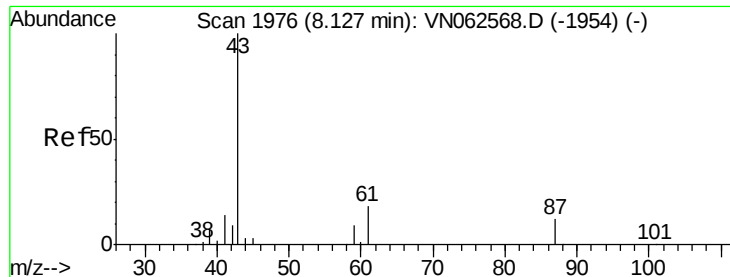
#42
1,2-Dichloroethane
Concen: 50.076 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion:	62	Resp:	157665
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN062568.D (-1947) (-)
Ion 97.90 (97.60 to 98.60): VN062568.D (-1947) (-)





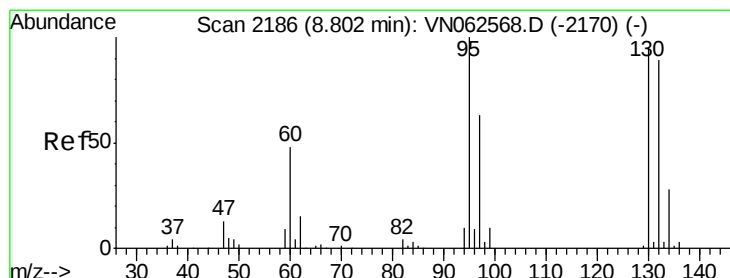
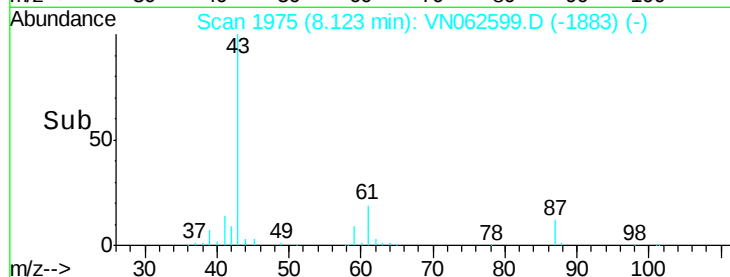
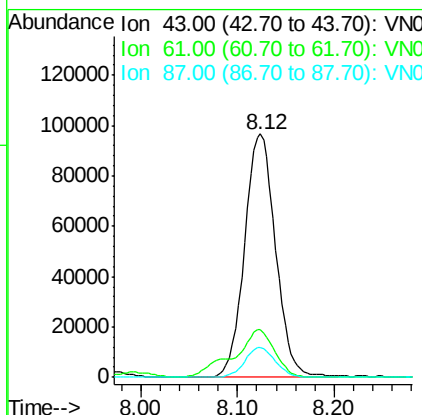
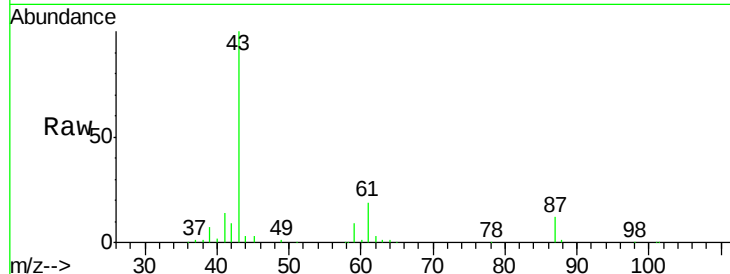
#43
Isopropyl Acetate
Concen: 43.528 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	20.8	31.2#
87	12.1	9.2	13.8

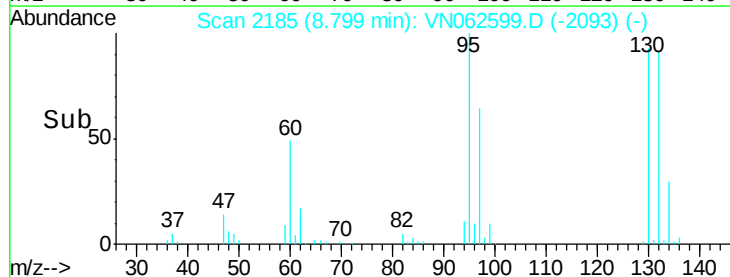
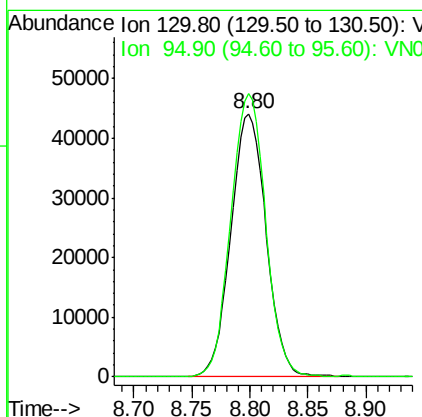
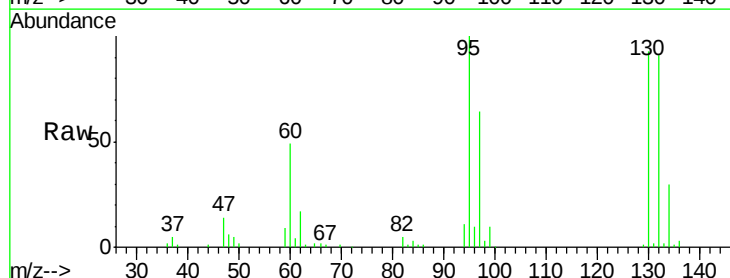
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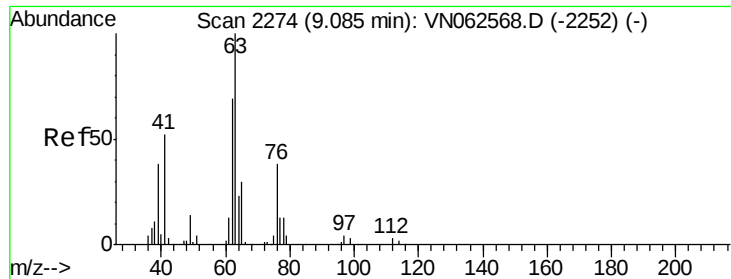
MMDadoda
7/28/2020 1:46:09 PM



#44
Trichloroethene
Concen: 47.849 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.4	0.0	210.4





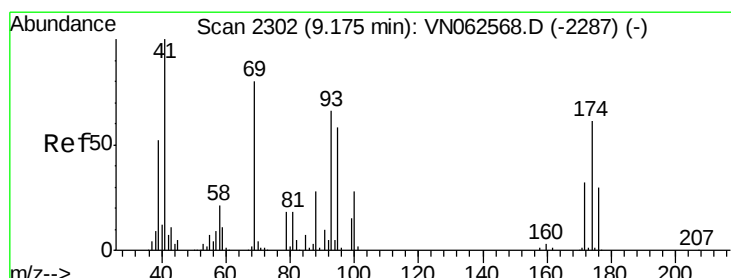
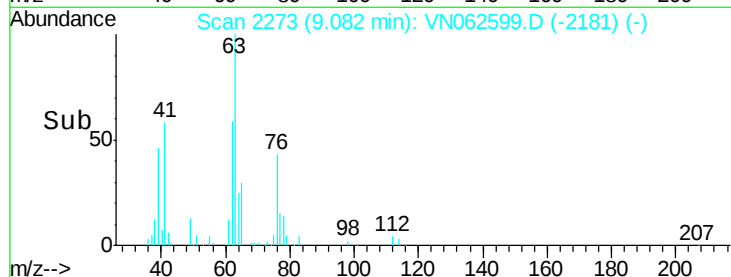
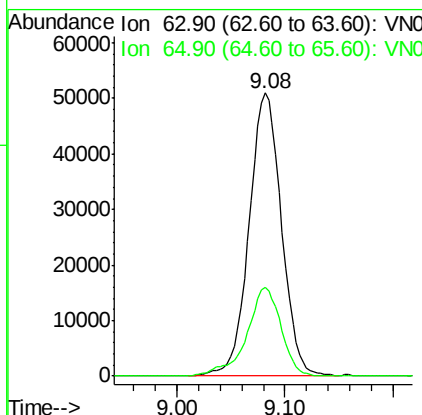
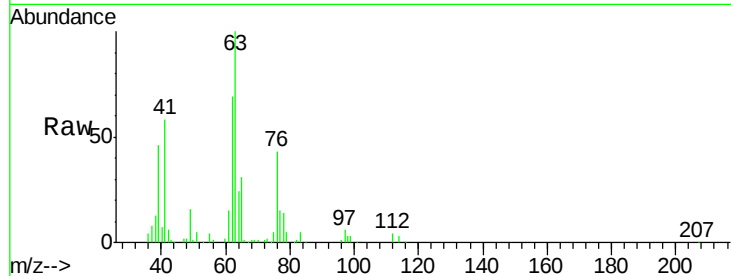
#45
 1,2-Dichloropropane
 Concen: 43.935 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 106235
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.4 36.6

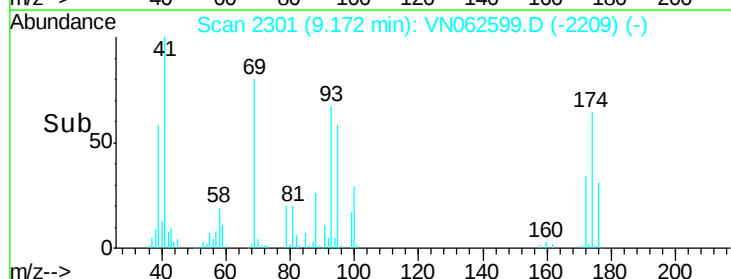
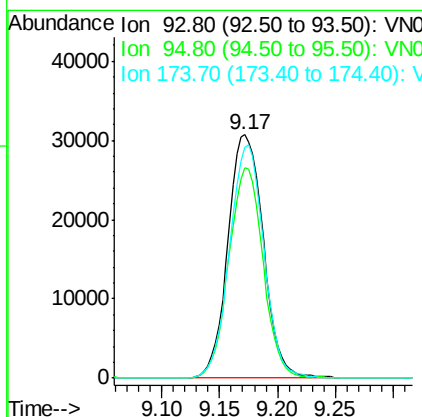
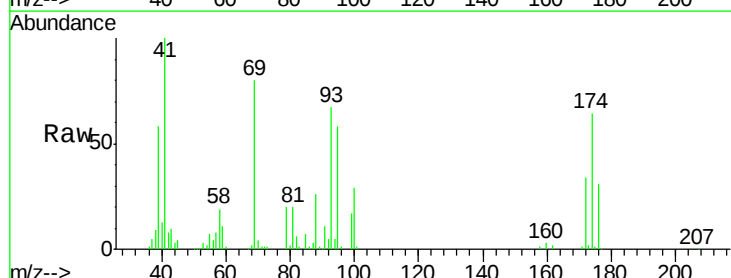
Manual Integrations
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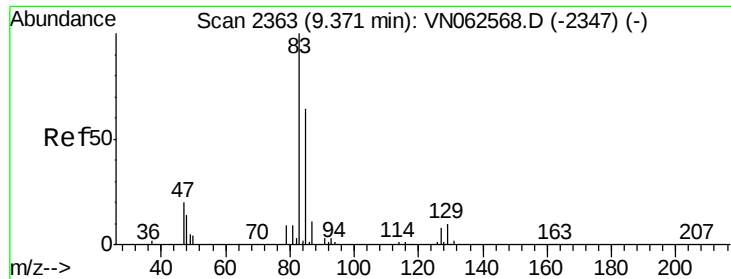
MMDadoda
 7/28/2020 1:46:09 PM



#46
 Dibromomethane
 Concen: 46.635 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion: 93 Resp: 65175
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.6 101.4
 174 92.7 72.5 108.7





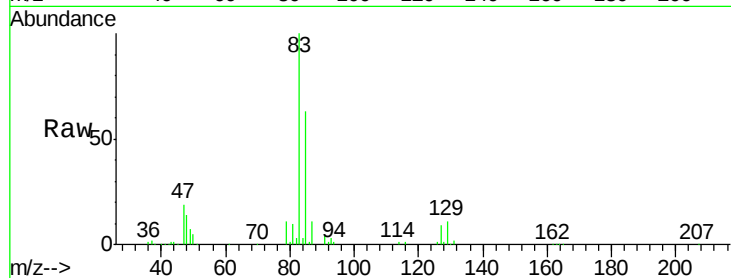
#47
Bromodichloromethane
Concen: 49.207 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

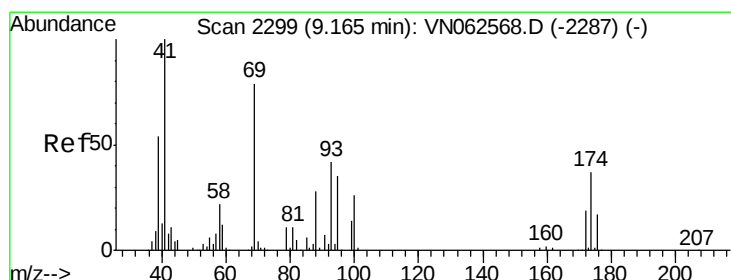
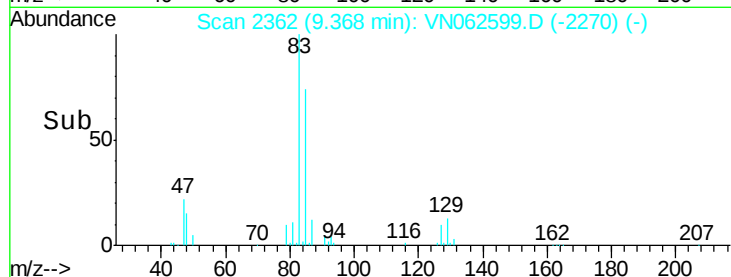
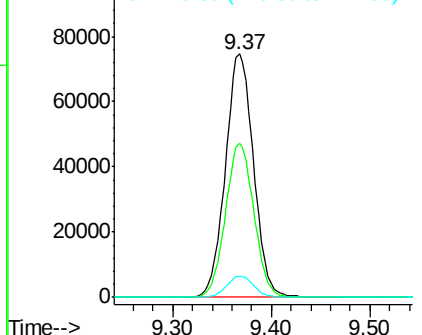
Tot Ion	83	Resp	148986
Ion Ratio	100		
85	63.4	51.6	77.4
127	8.8	6.2	9.2

Manual Integrations
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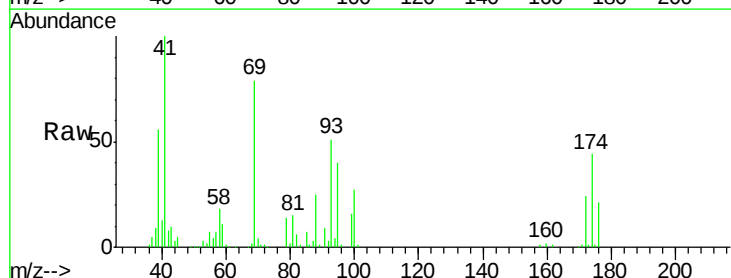


Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-2347) (-)

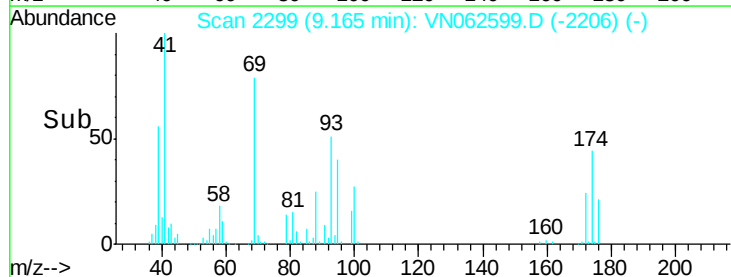
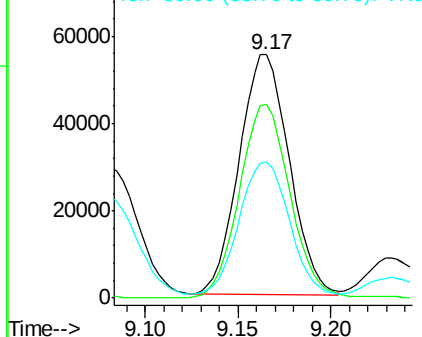


#48
Methyl methacrylate
Concen: 43.819 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	41	Resp	102968
Ion Ratio	100		
69	81.4	64.4	96.6
39	58.4	43.5	65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-2287) (-)





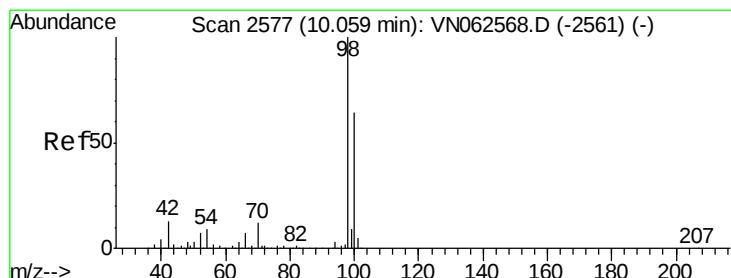
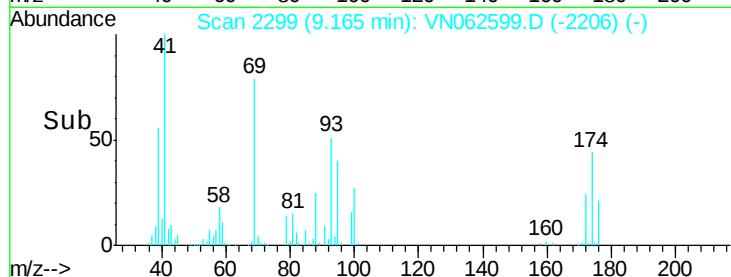
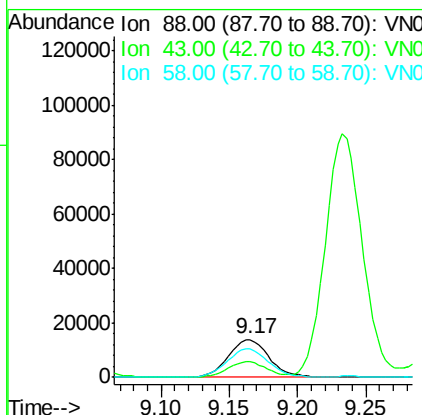
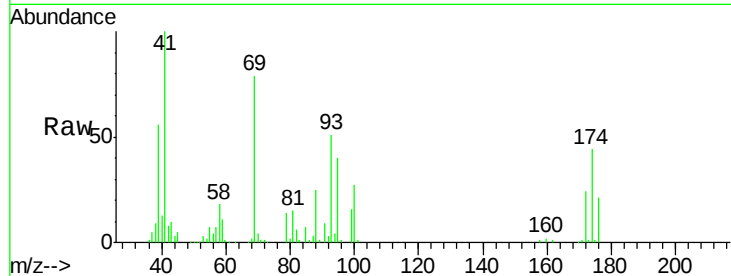
#49
1,4-Dioxane
Concen: 798.898 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.4	32.0	48.0
58	77.2	62.8	94.2

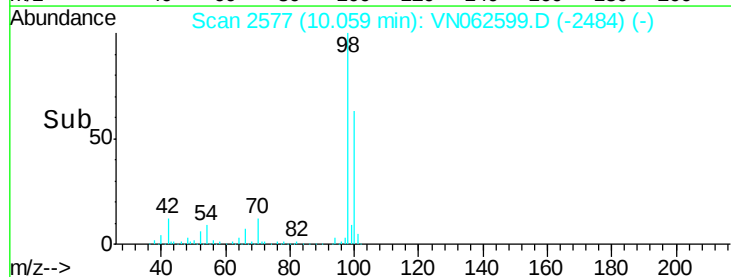
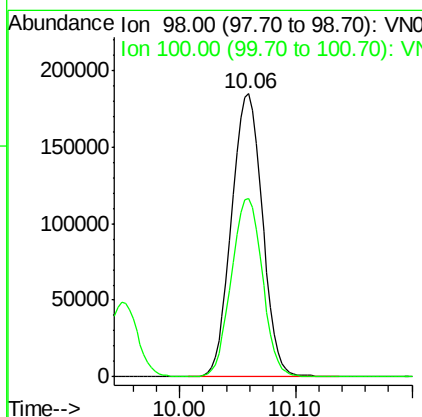
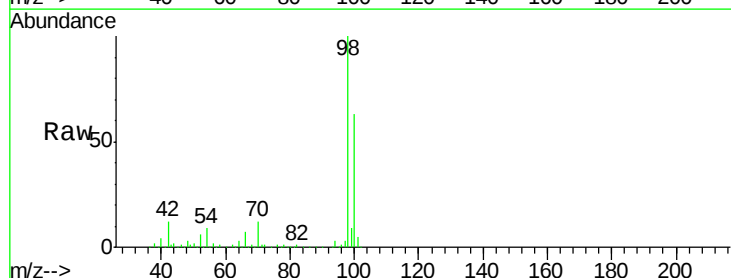
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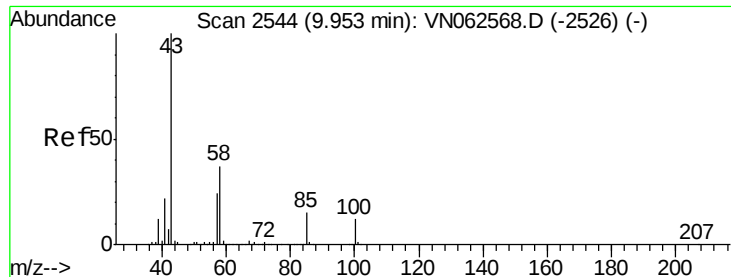
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#50
Toluene-d8
Concen: 48.755 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 212.421 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 628285

Ion Ratio Lower Upper

43 100

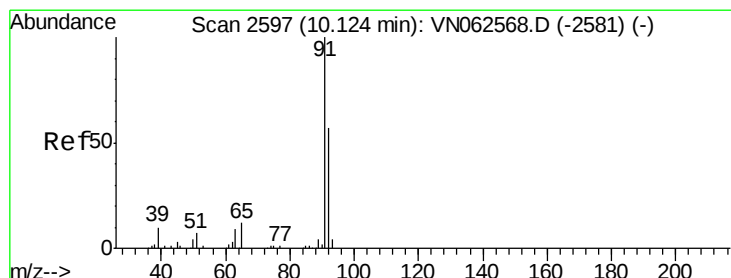
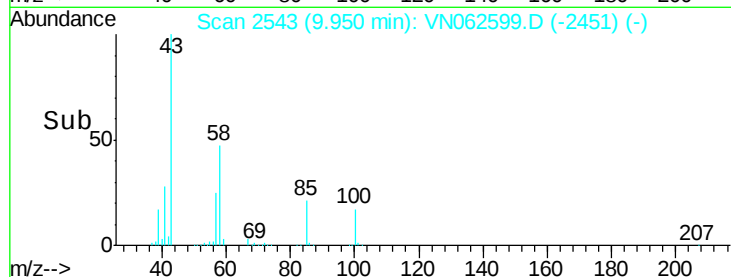
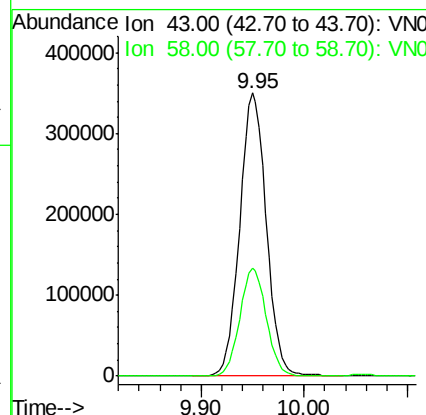
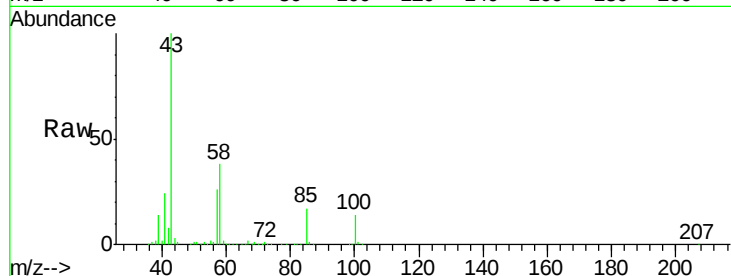
58 38.0 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 48.200 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062599.D

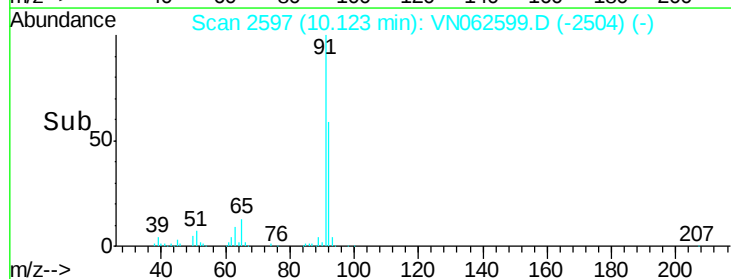
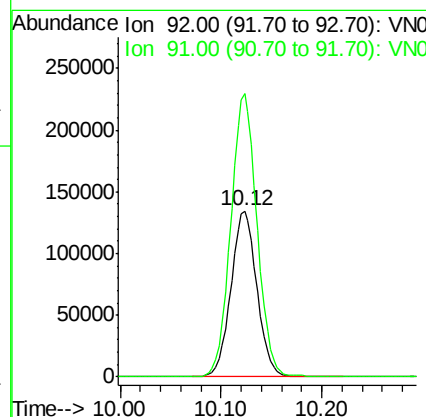
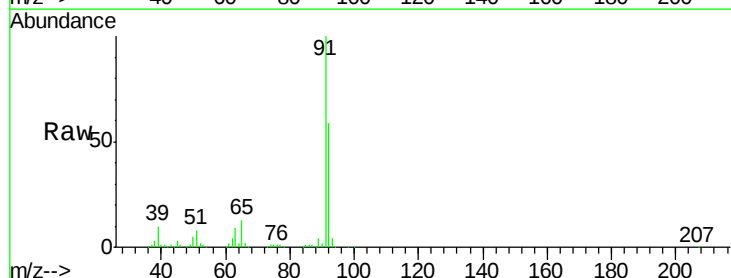
Acq: 27 Jul 2020 14:42

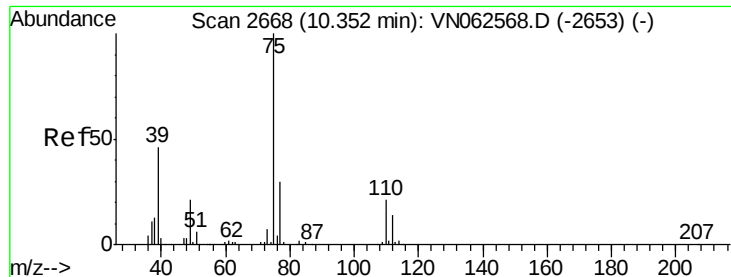
Tgt Ion: 92 Resp: 241036

Ion Ratio Lower Upper

92 100

91 171.9 139.4 209.2





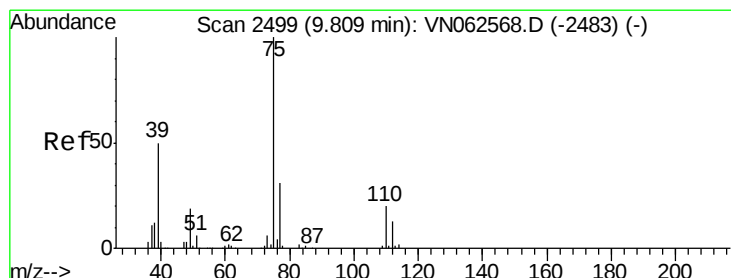
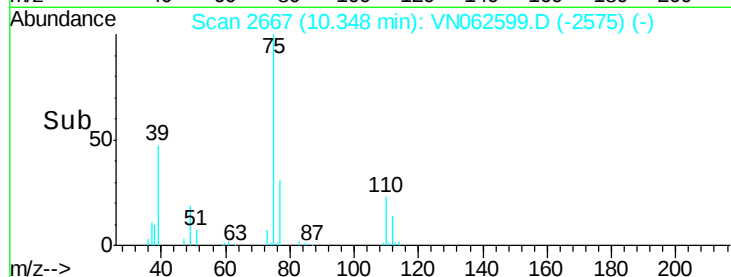
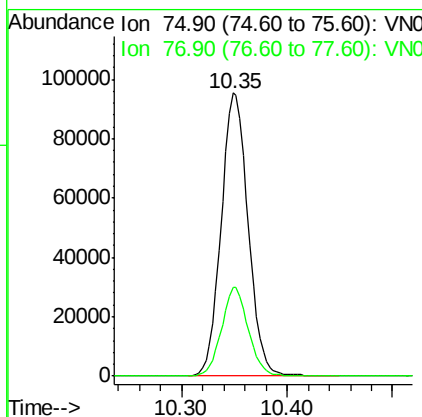
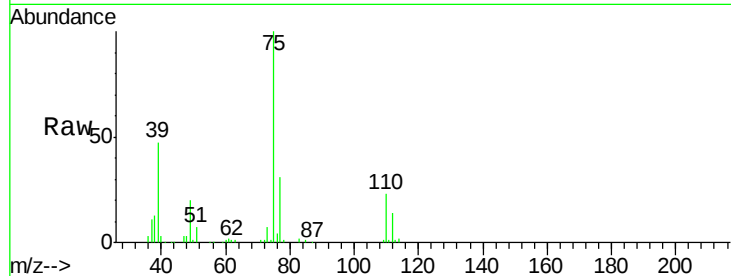
#53
t-1,3-Dichloropropene
Concen: 50.163 ug/l
RT: 10.35 min Scan# 2667
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.3	36.5

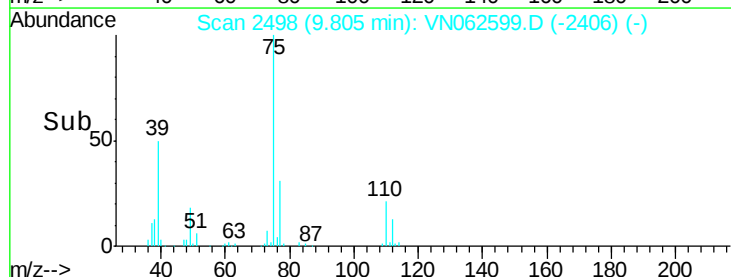
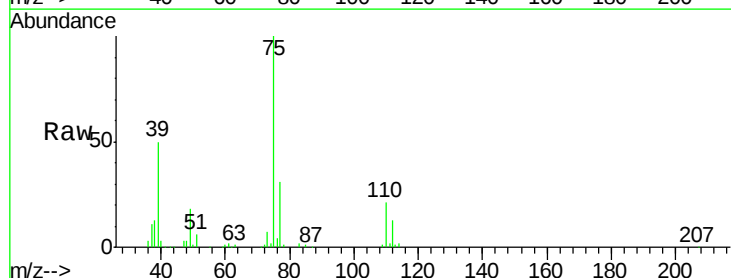
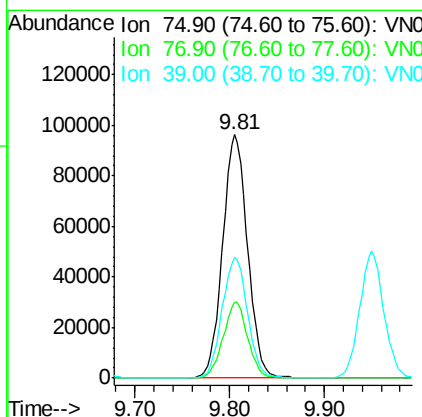
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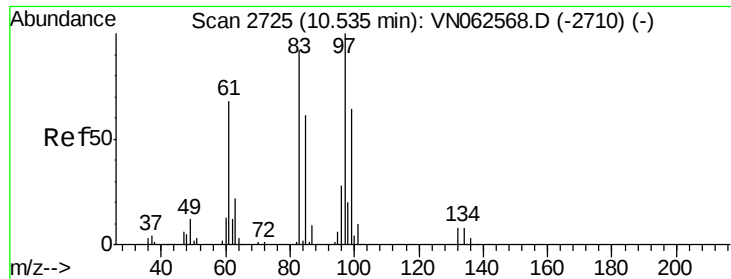
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#54
cis-1,3-Dichloropropene
Concen: 48.691 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.6
39	49.6	39.8	59.8





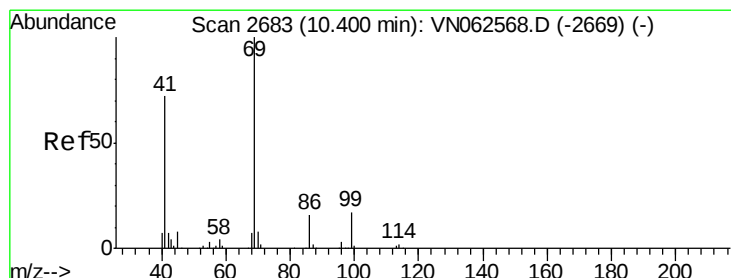
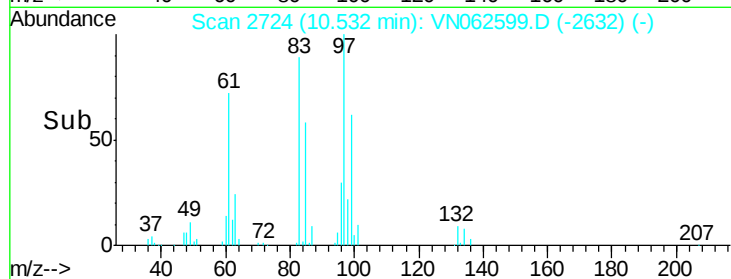
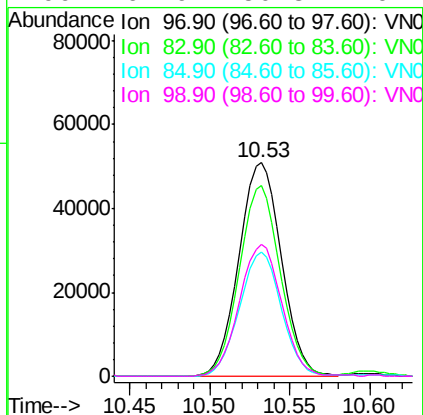
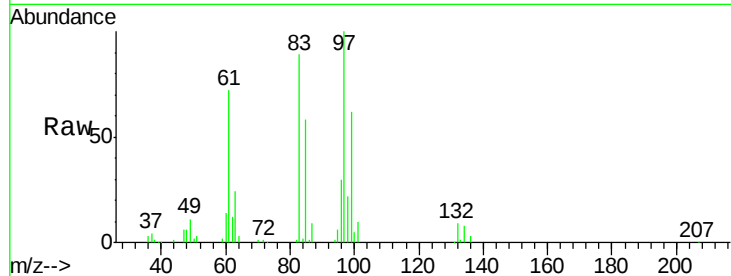
#55
 1,1,2-Trichloroethane
 Concen: 47.556 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	92246
Ion	Ratio	Lower	Upper
97	100		
83	89.4	73.7	110.5
85	58.2	48.5	72.7
99	61.9	50.8	76.2

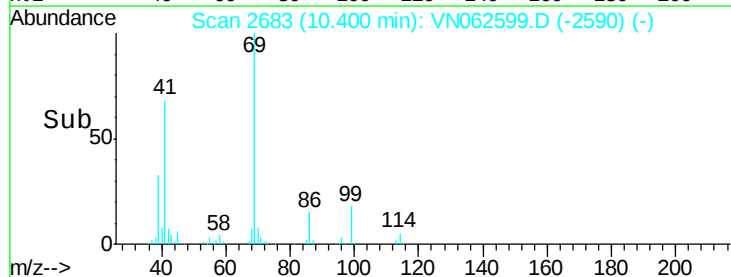
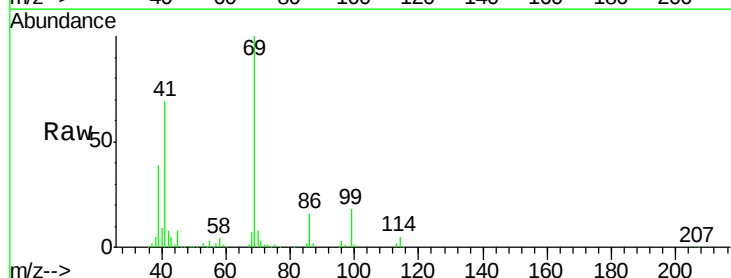
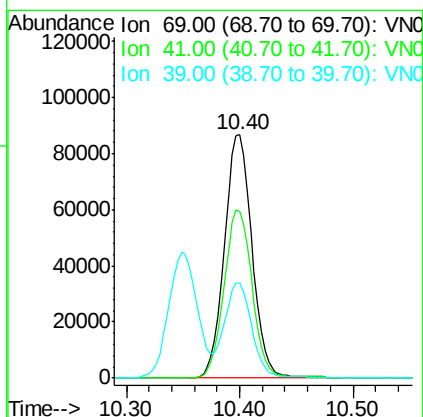
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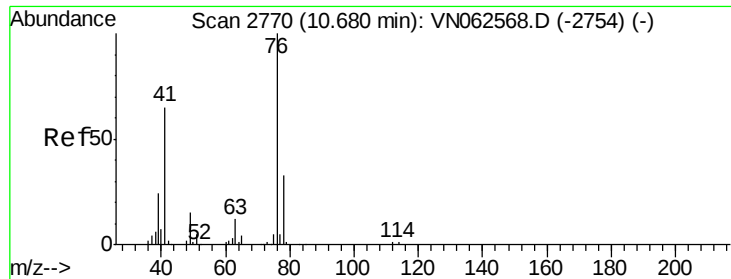
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#56
 Ethyl methacrylate
 Concen: 42.585 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion:	69	Resp:	147379
Ion	Ratio	Lower	Upper
69	100		
41	69.5	57.2	85.8
39	39.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 46.158 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 164029

Ion Ratio Lower Upper

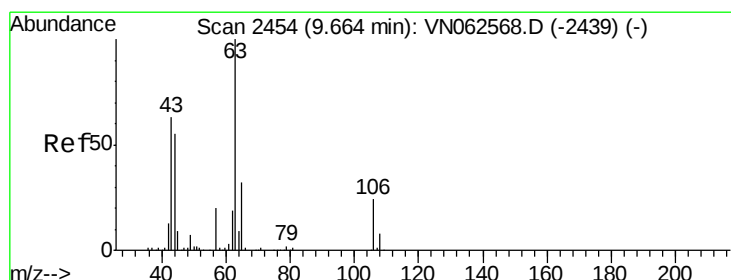
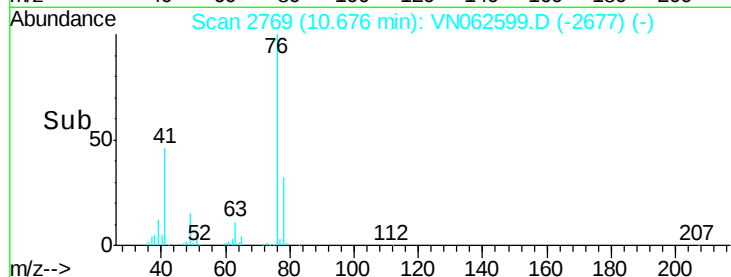
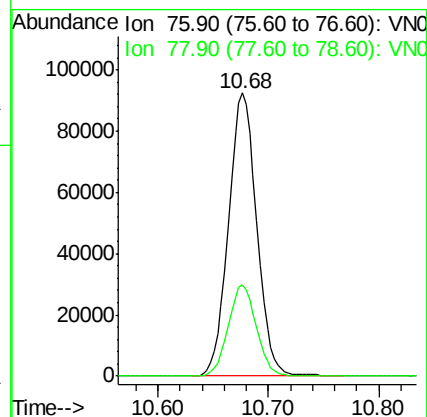
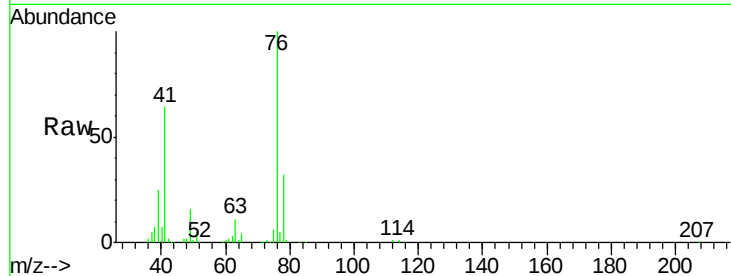
76 100

78 32.0 26.3 39.5

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 210.349 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062599.D

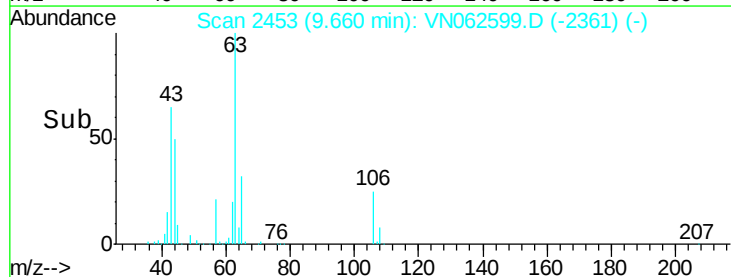
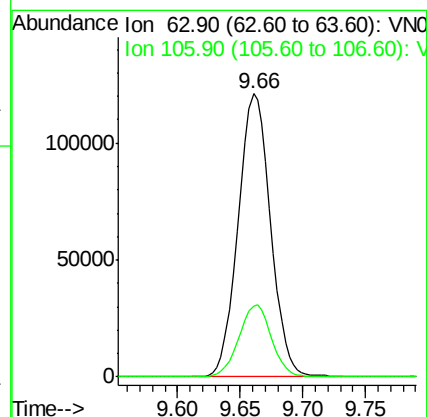
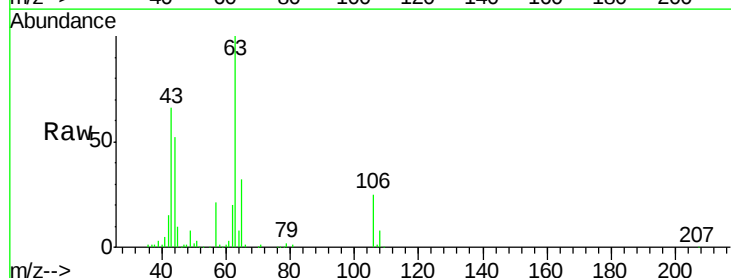
Acq: 27 Jul 2020 14:42

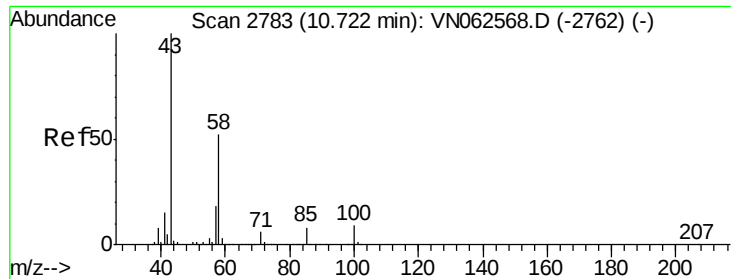
Tgt Ion: 63 Resp: 217821

Ion Ratio Lower Upper

63 100

106 25.5 18.9 28.3





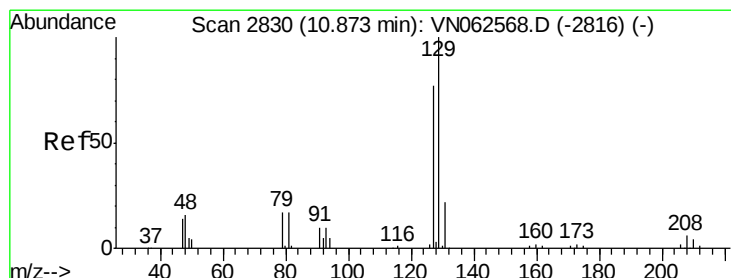
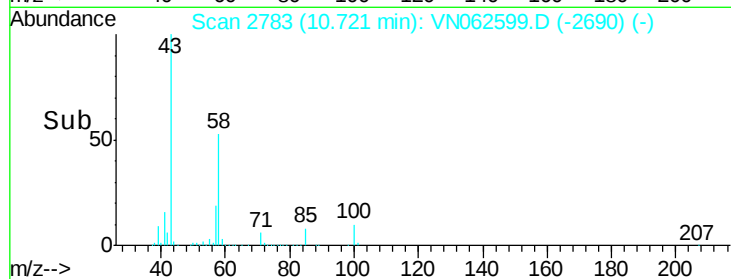
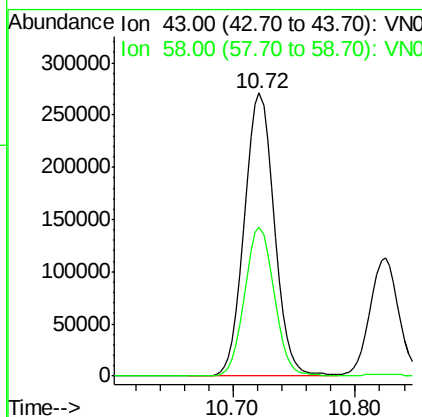
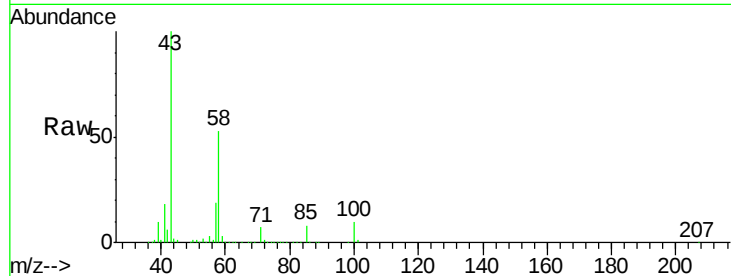
#59
2-Hexanone
Concen: 200.779 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 457917
Ion Ratio Lower Upper
43 100
58 52.1 26.0 78.0

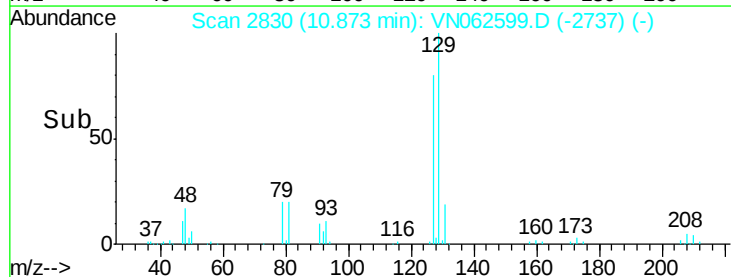
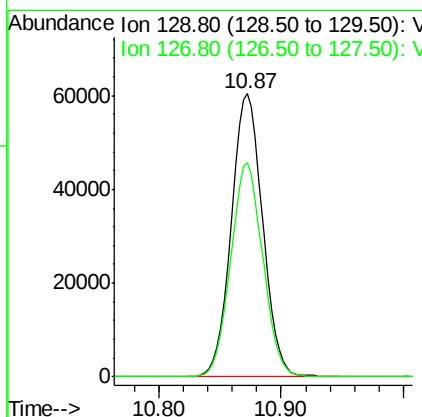
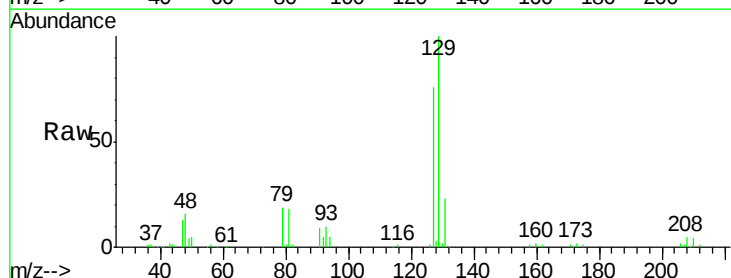
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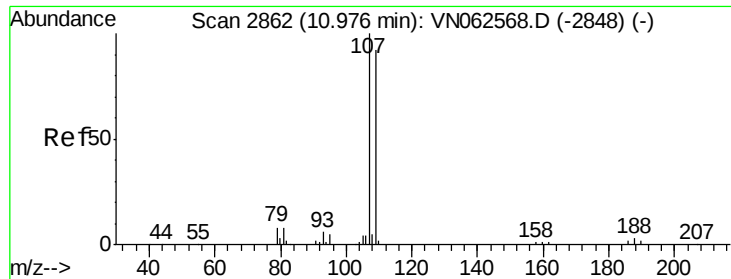
MMDadoda
7/28/2020 1:46:09 PM



#60
Dibromochloromethane
Concen: 49.845 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 129 Resp: 107862
Ion Ratio Lower Upper
129 100
127 77.2 38.0 113.9





#61

1,2-Dibromoethane

Concen: 46.961 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 94854

Ion Ratio Lower Upper

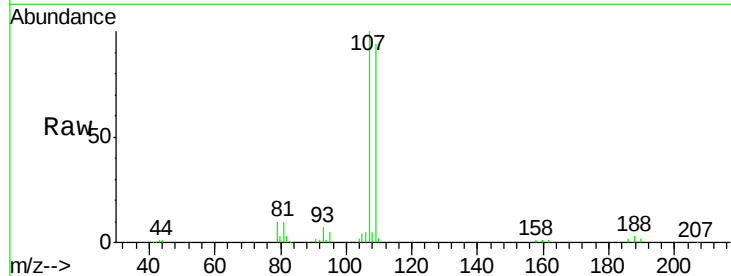
107 100

109 93.9 73.8 110.6

Manual Integrations
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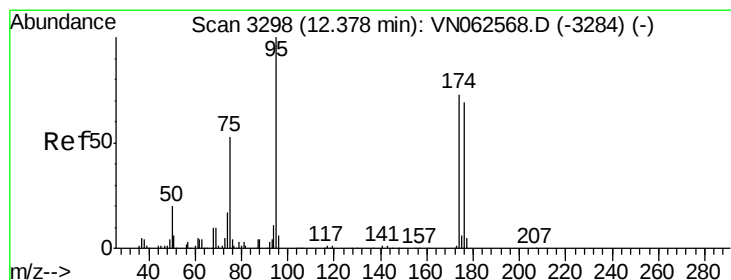
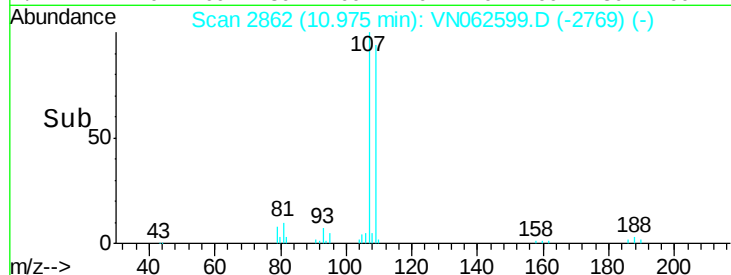
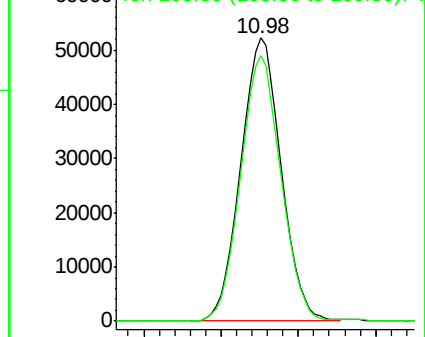
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.503 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

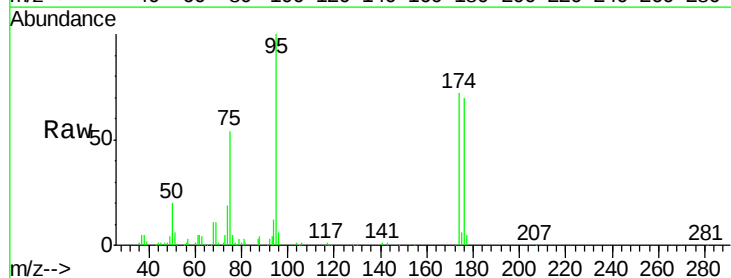
Tgt Ion: 95 Resp: 129159

Ion Ratio Lower Upper

95 100

174 72.7 0.0 144.6

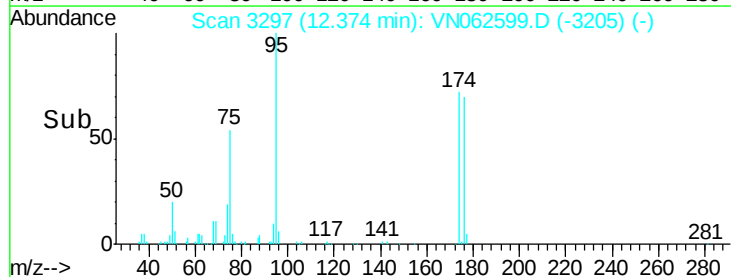
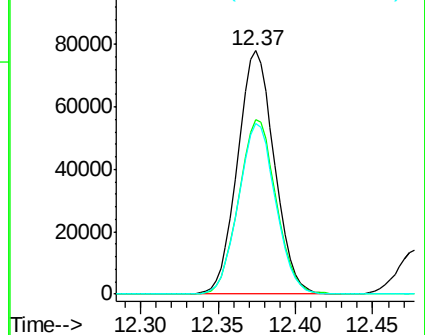
176 70.6 0.0 139.4

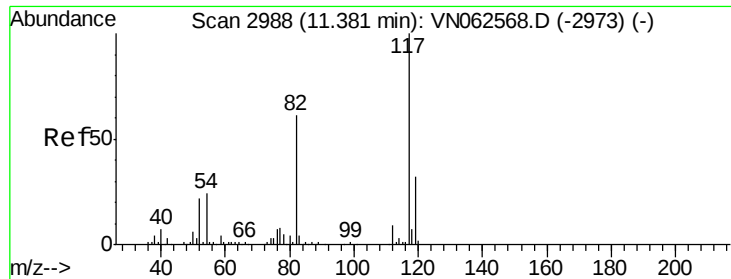


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





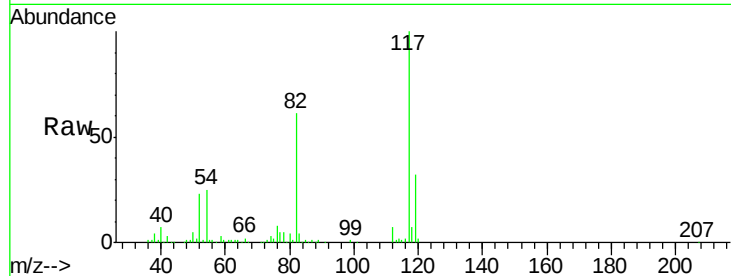
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	248670		
82	61.4	49.0	73.6	
119	31.9	25.4	38.2	

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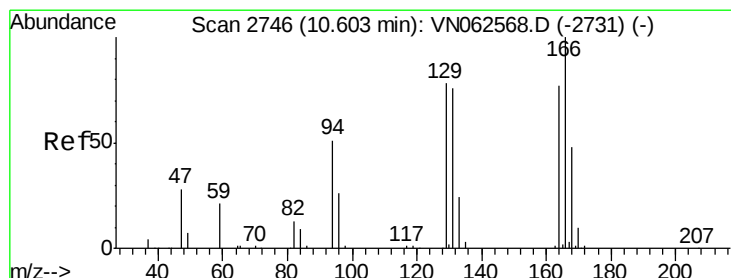
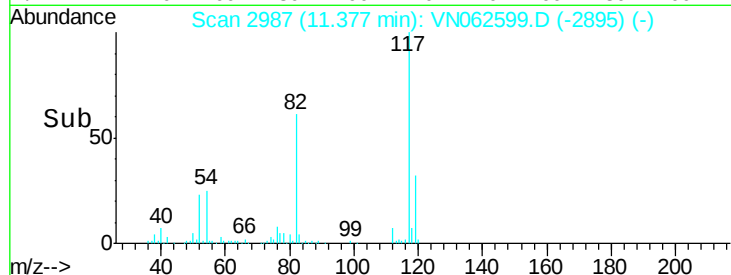
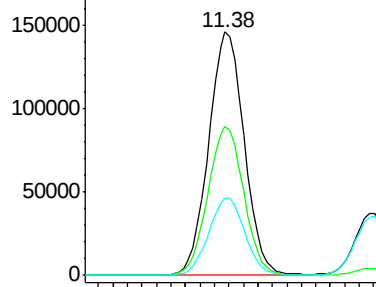


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.676 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80261		
166	124.6	104.4	156.6	
129	98.1	81.0	121.4	
131	93.1	79.4	119.2	

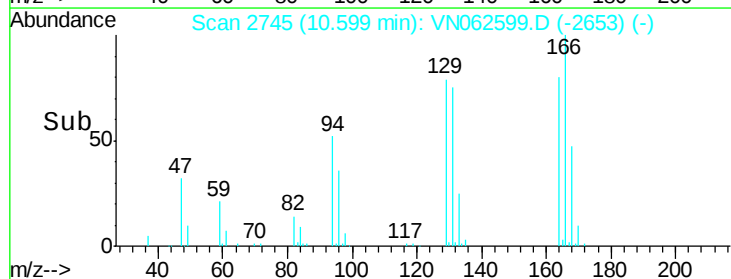
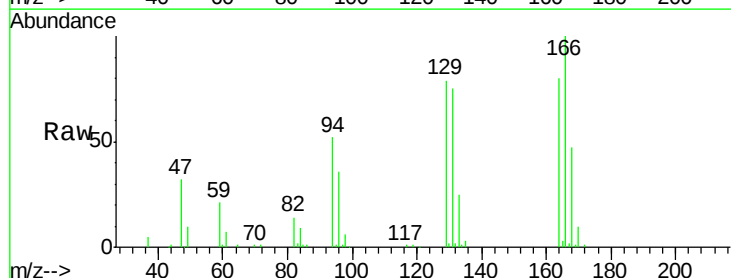
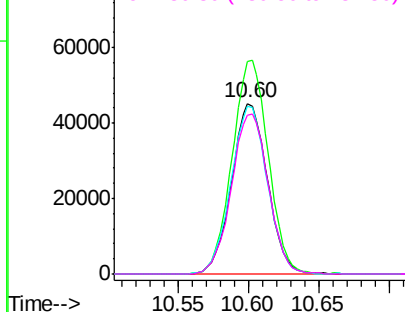
Abundance

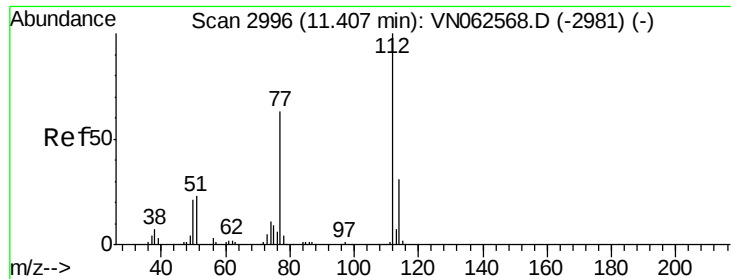
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





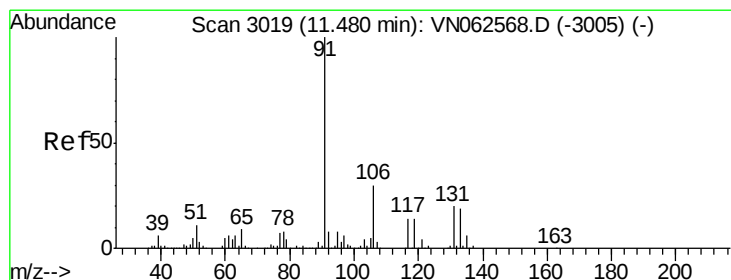
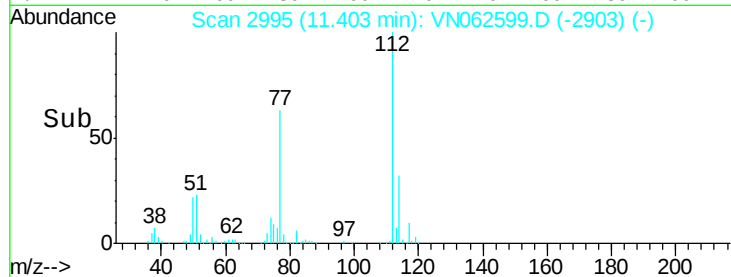
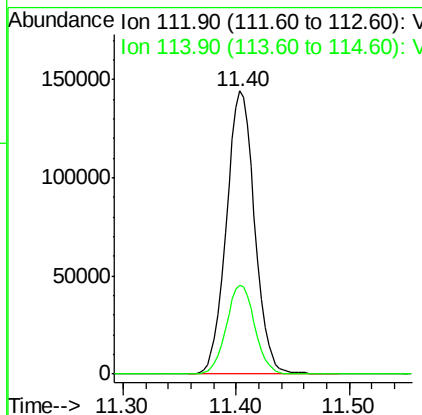
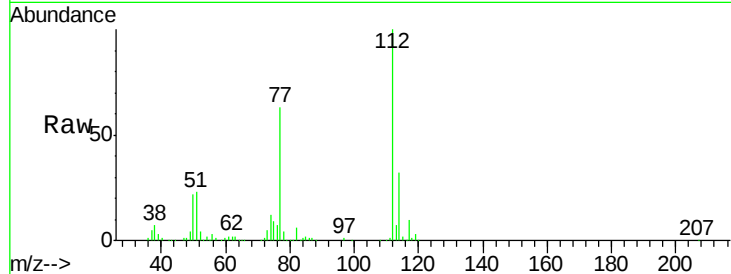
#65
Chlorobenzene
Concen: 48.093 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 250718
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7

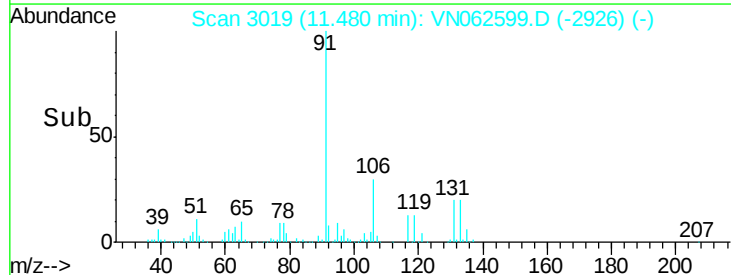
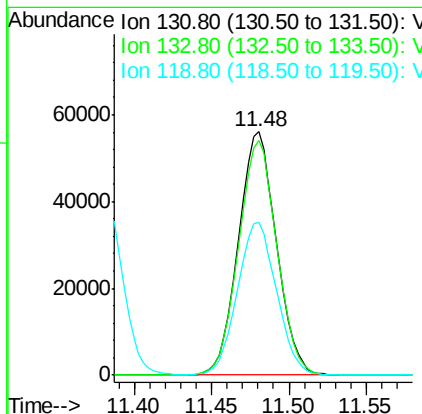
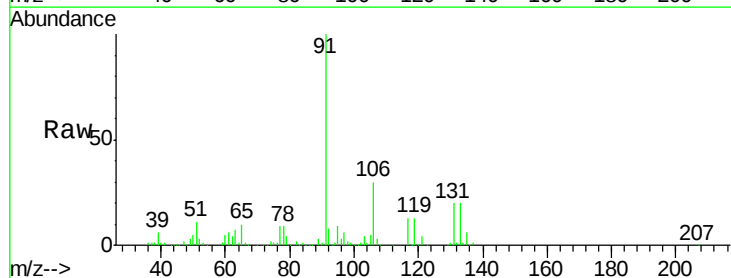
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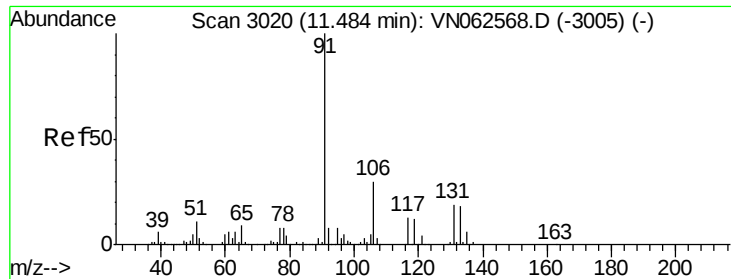
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.801 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion:131 Resp: 95709
Ion Ratio Lower Upper
131 100
133 97.1 47.3 142.0
119 64.7 33.7 101.0





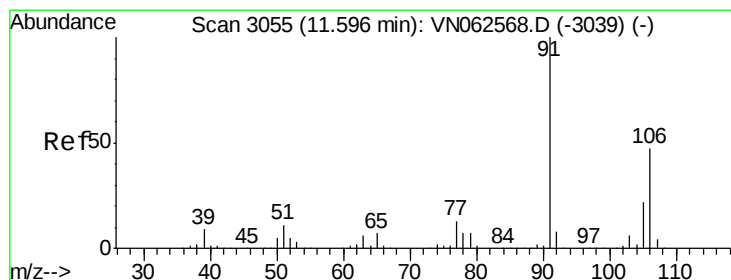
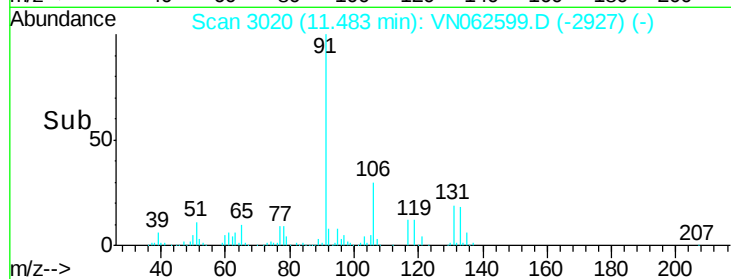
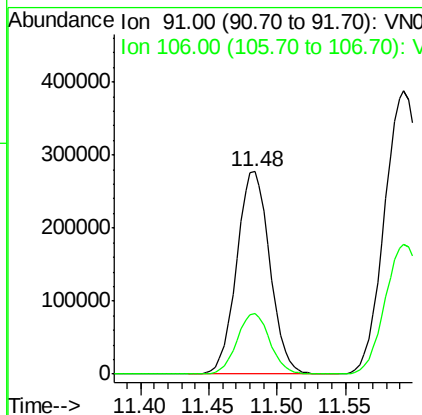
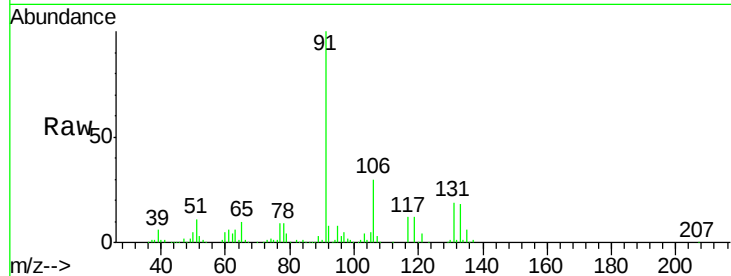
#67
Ethyl Benzene
Concen: 49.011 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 468474
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8

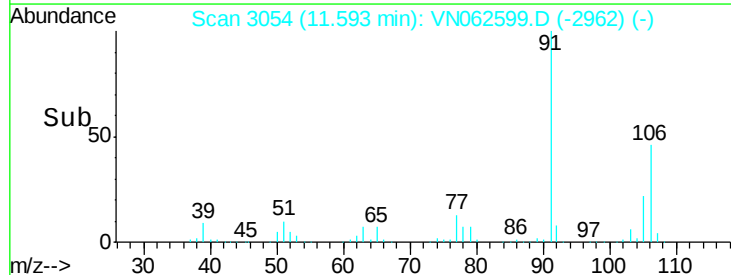
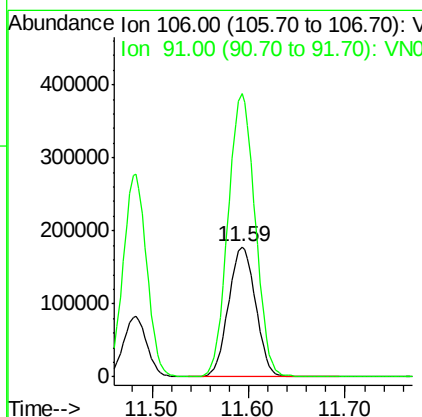
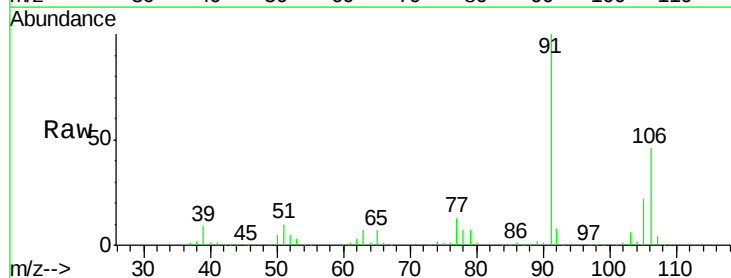
Manual Integrations
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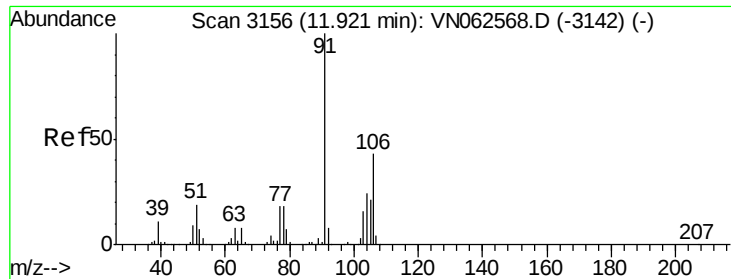
MMDadoda
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#68
m/p-Xylenes
Concen: 101.263 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 106 Resp: 347899
Ion Ratio Lower Upper
106 100
91 216.6 171.4 257.2





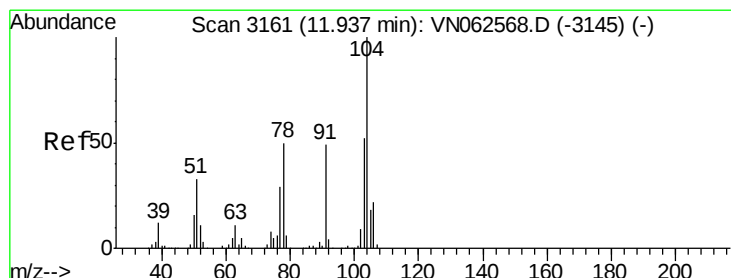
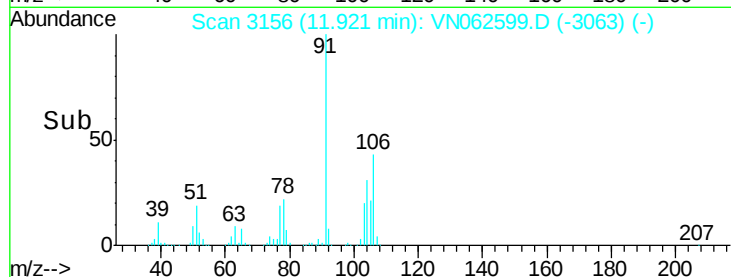
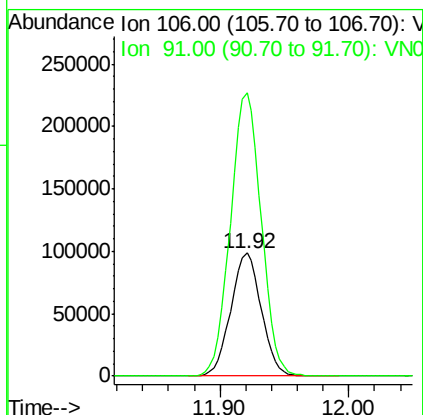
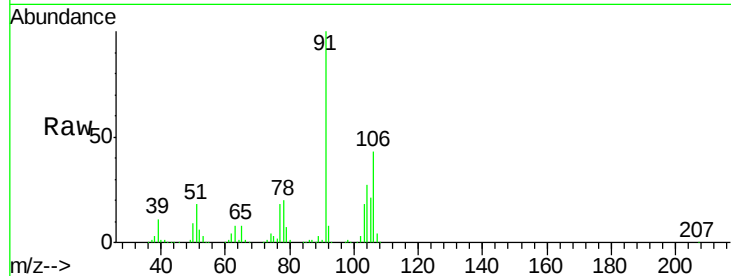
#69
o-Xylene
Concen: 49.568 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		161713		
91	232.8	113.8	341.2		

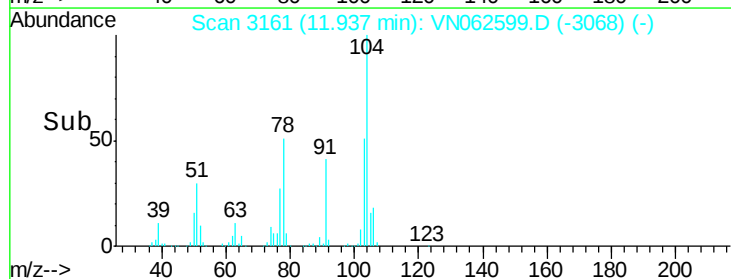
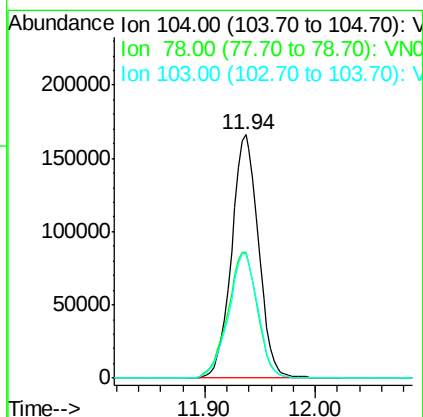
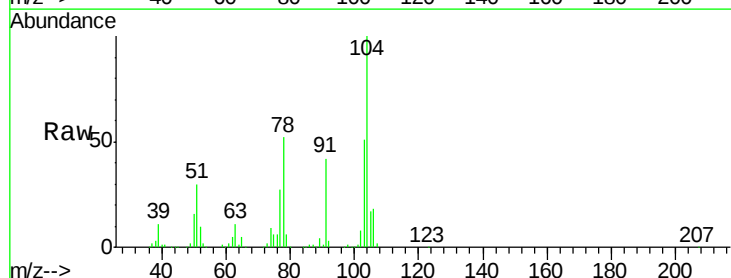
Manual Integrations
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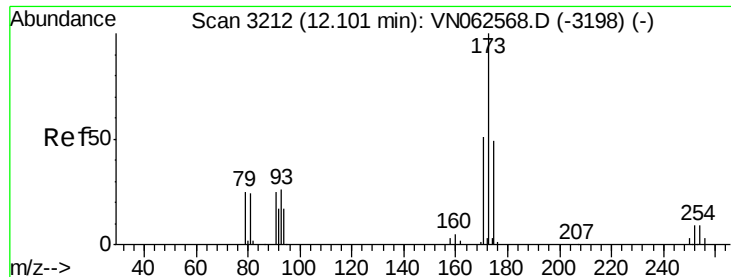
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#70
Styrene
Concen: 51.046 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		281318		
78	57.1	43.8	65.6		
103	55.5	44.0	66.0		





#71

Bromoform

Concen: 50.542 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

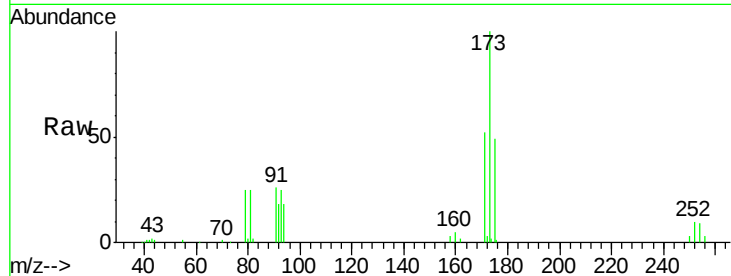
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.2
254	0.0	0.0	0.0

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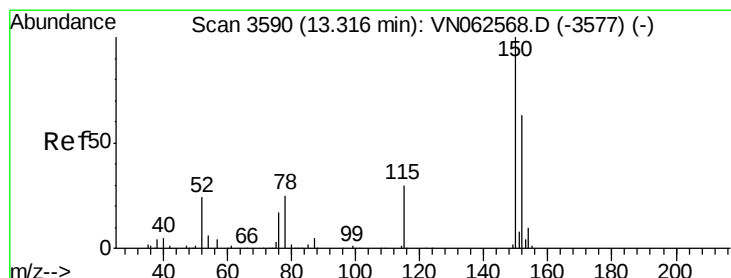
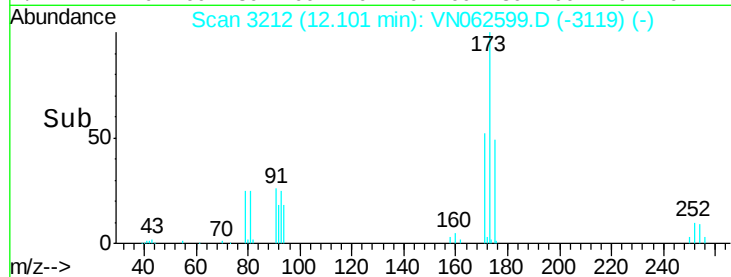
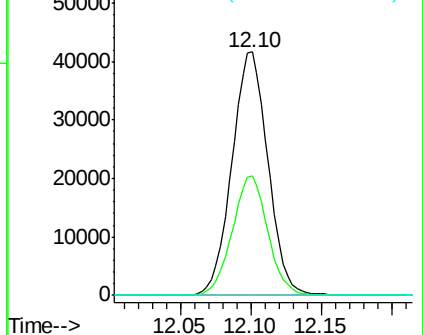
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Abundance Ion 172.70 (172.40 to 173.40): V

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

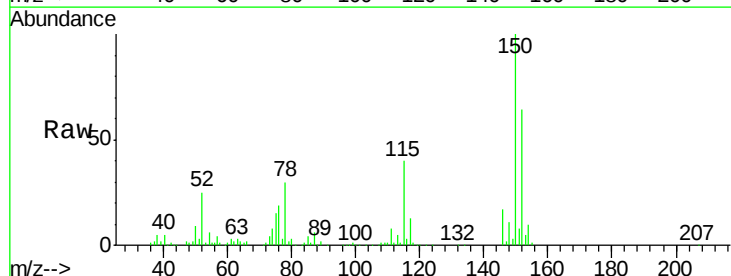
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

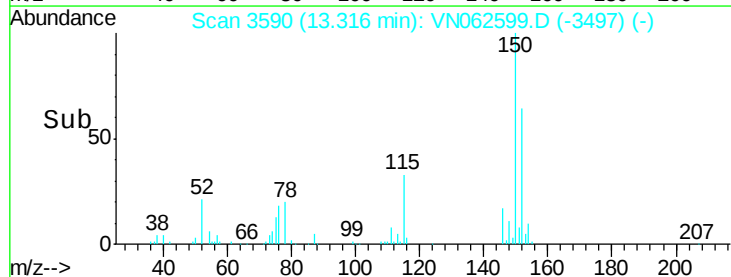
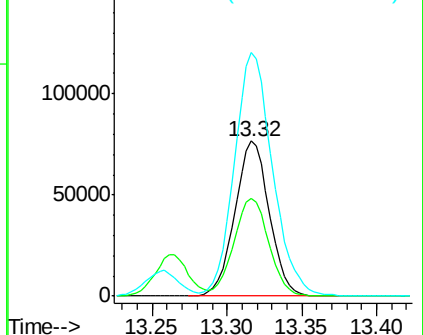
Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	31.8	95.4
150	173.7	0.0	351.4

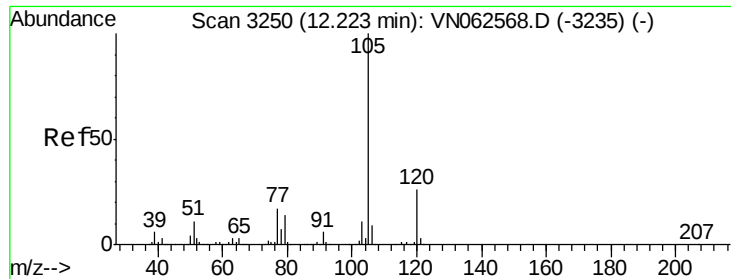


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.170 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 457425

Ion Ratio Lower Upper

105 100

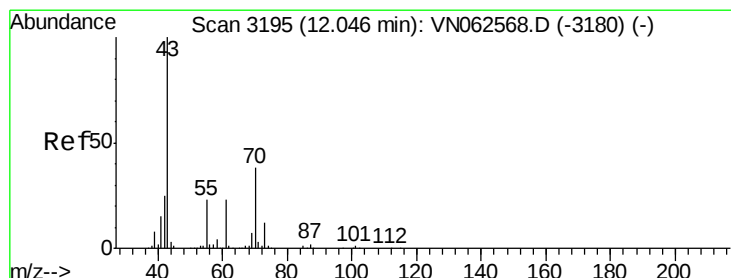
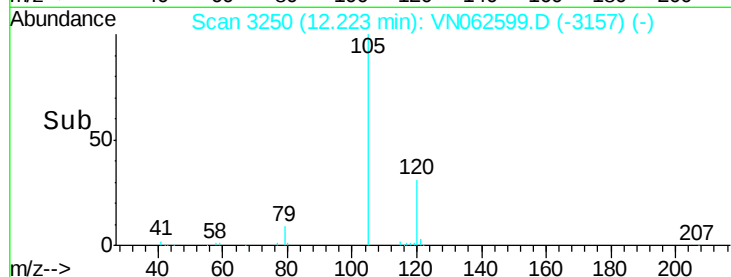
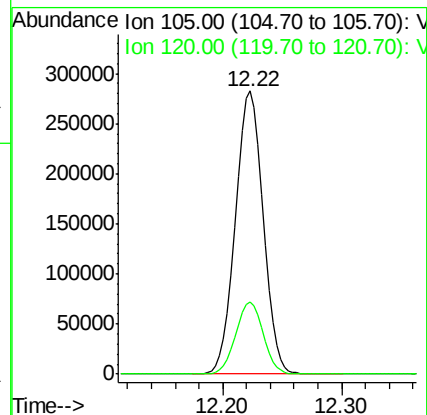
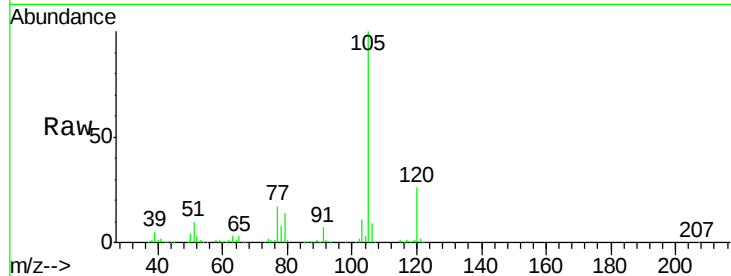
120 25.4 12.8 38.4

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#74

N-ethyl acetate

Concen: 42.790 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Tgt Ion: 43 Resp: 185311

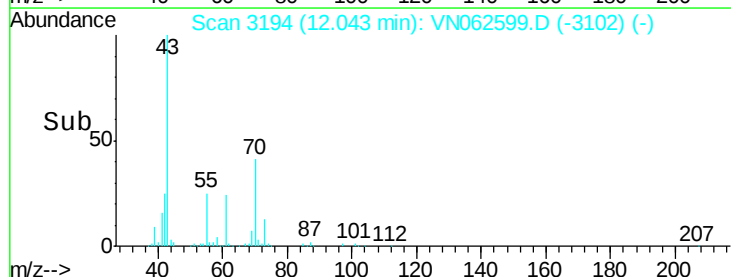
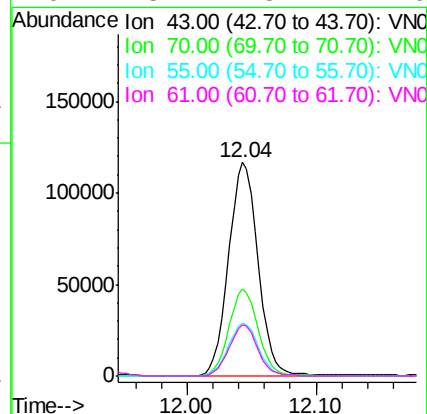
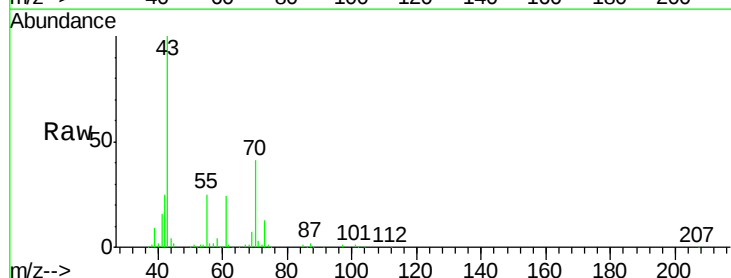
Ion Ratio Lower Upper

43 100

70 40.5 30.5 45.7

55 25.2 19.0 28.6

61 23.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 39.683 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

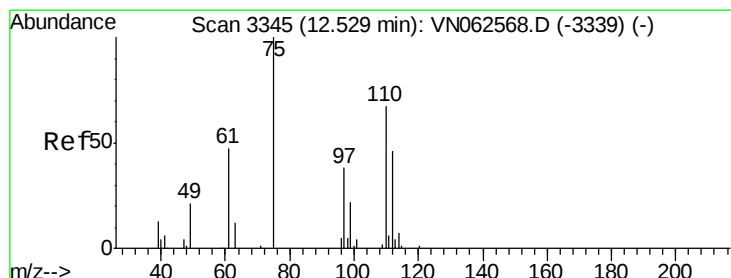
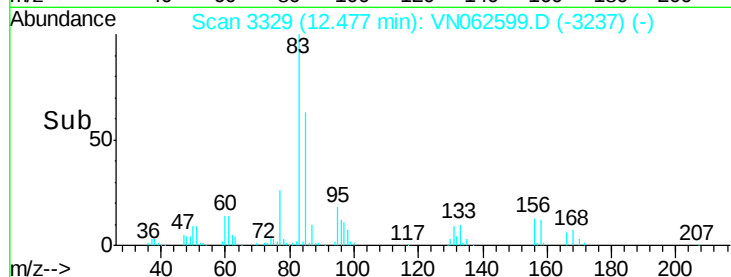
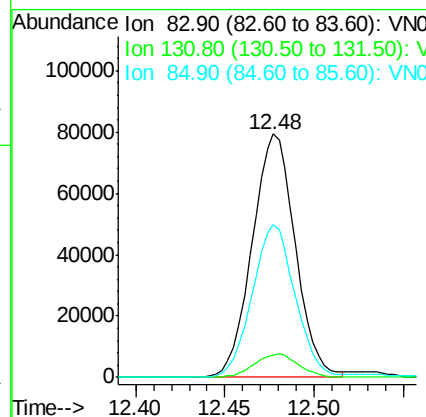
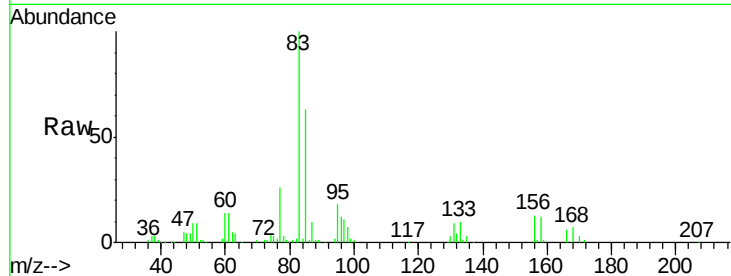
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	133725
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.8	14.3
85	62.6	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.298 ug/l m

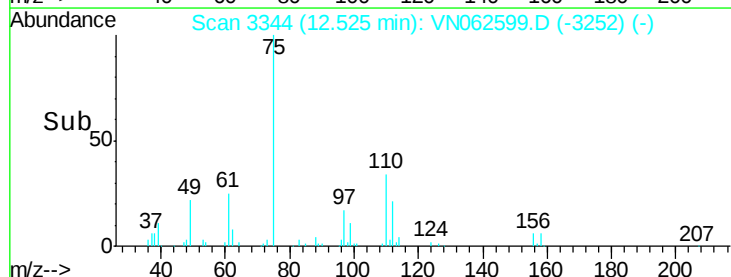
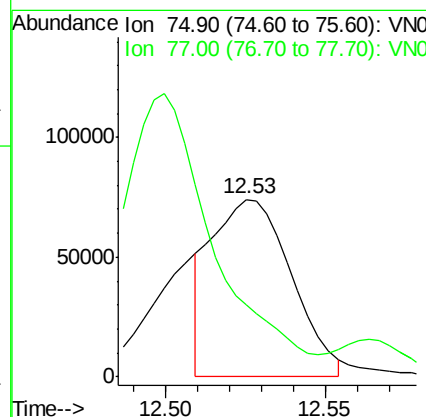
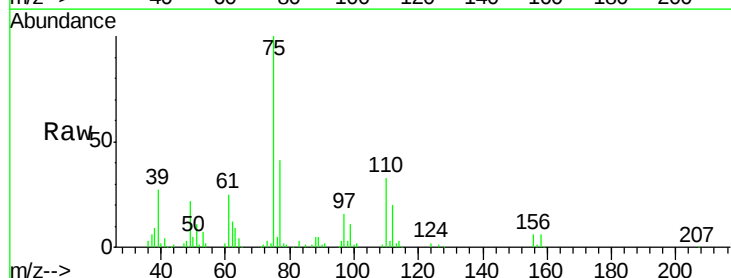
RT: 12.53 min Scan# 3344

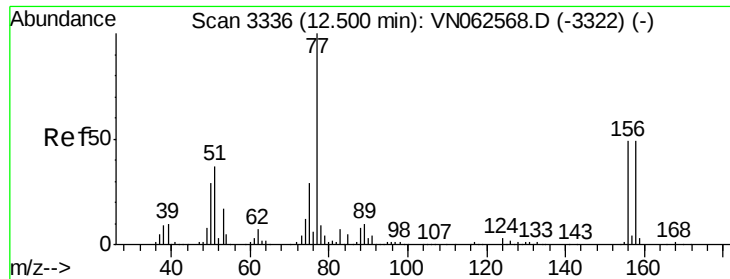
Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Tgt Ion:	75	Resp:	128918
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.921 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

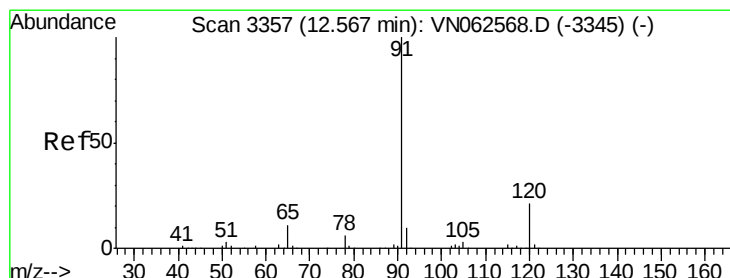
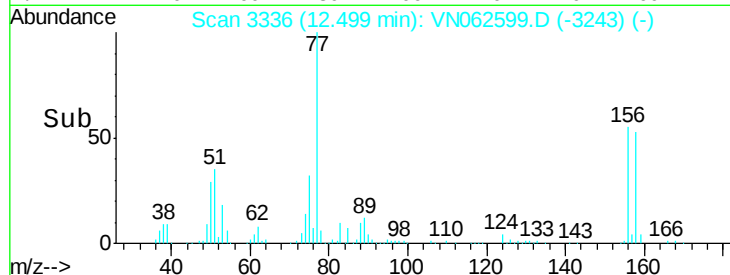
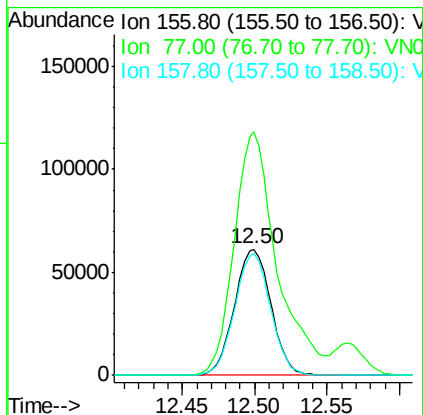
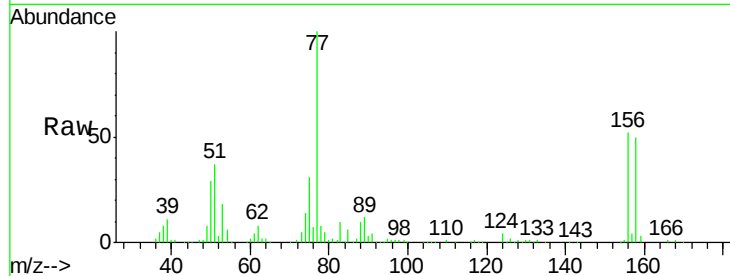
ClientSampleId :

VSTDCCC050

Tot Ion	156	Resp	107017
Ion Ratio	Lower	Upper	
156	100		
77	225.8	122.8	368.3
158	95.2	49.4	148.0

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#78

n-propylbenzene

Concen: 47.794 ug/l

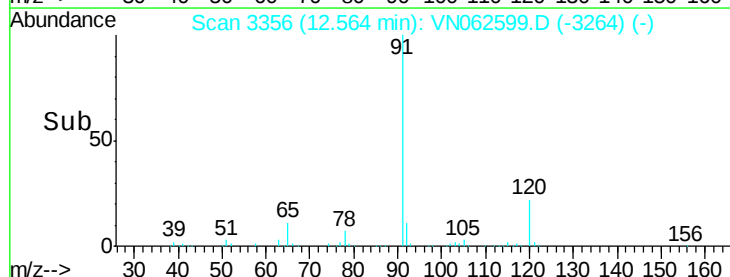
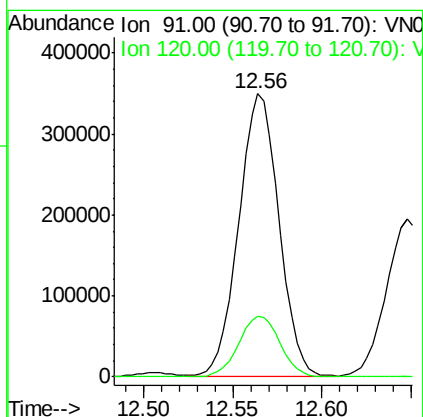
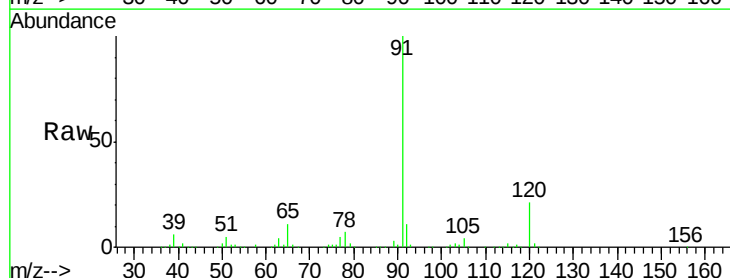
RT: 12.56 min Scan# 3356

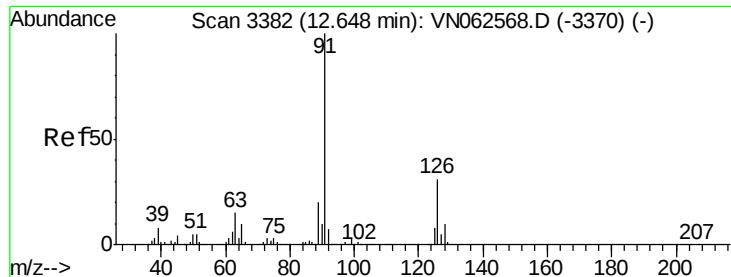
Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Tgt Ion	91	Resp	542899
Ion Ratio	Lower	Upper	
91	100		
120	22.2	10.9	32.6





#79

2-Chlorotoluene

Concen: 45.381 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 317685

Ion Ratio Lower Upper

91 100

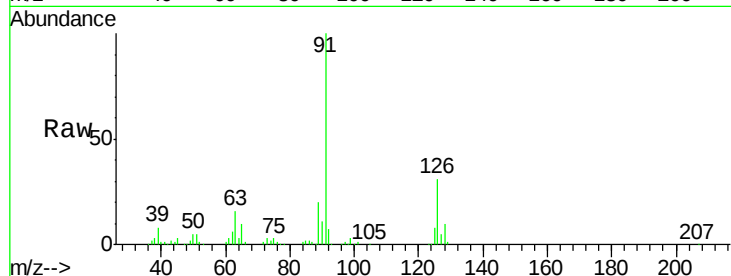
126 31.6 15.9 47.6

Manual Integrations

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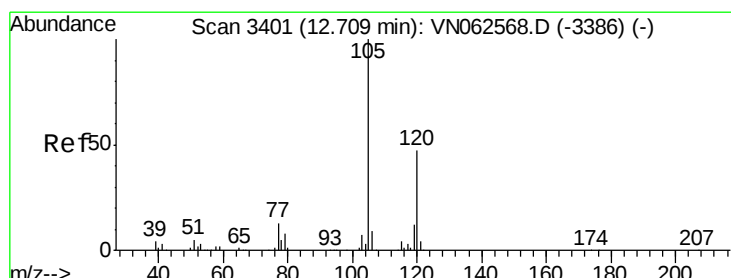
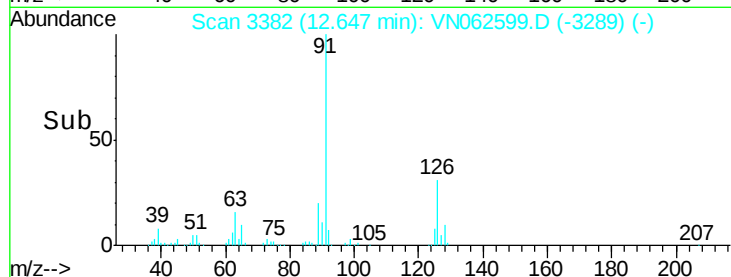
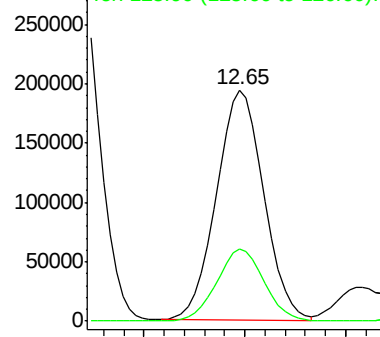
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.461 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN062599.D

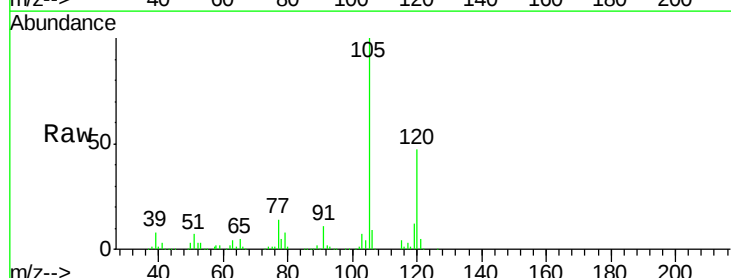
Acq: 27 Jul 2020 14:42

Tgt Ion:105 Resp: 397857

Ion Ratio Lower Upper

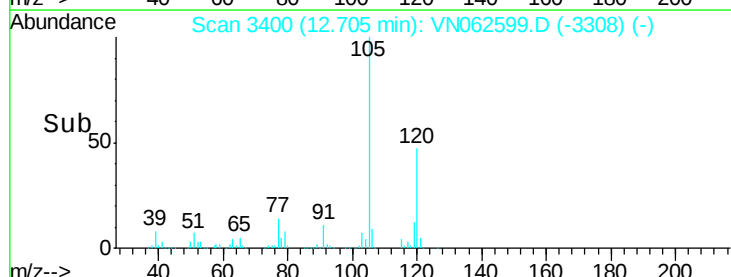
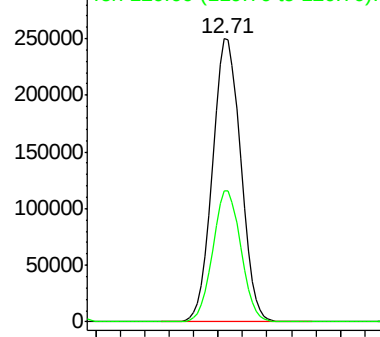
105 100

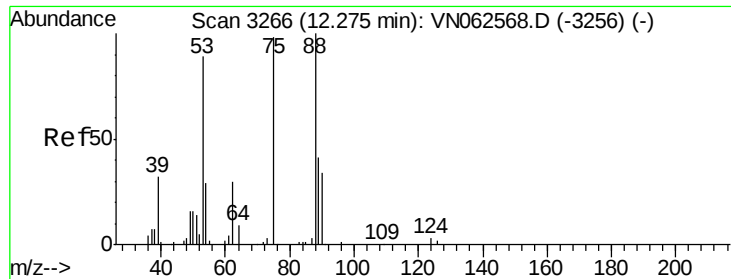
120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.910 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

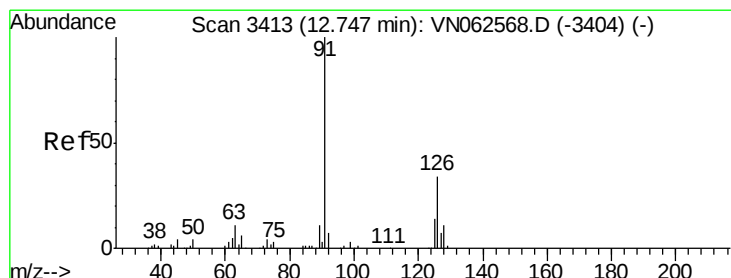
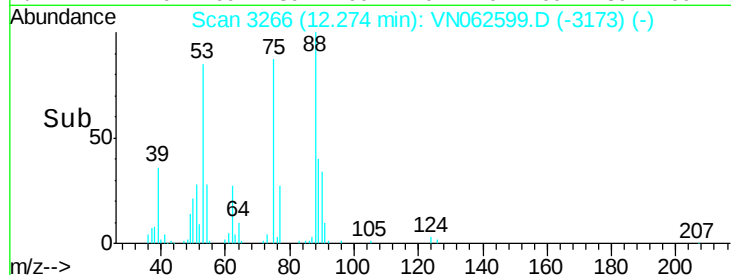
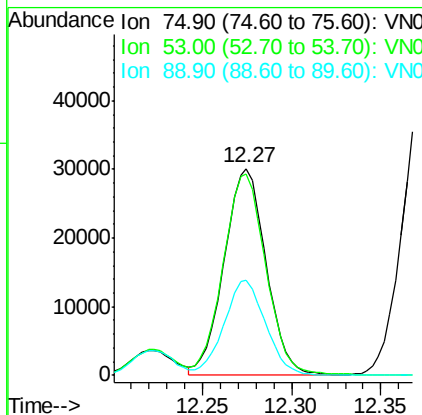
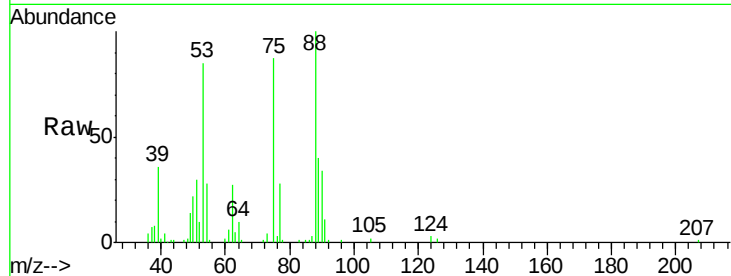
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	49240
Ion	Ratio	Lower	Upper
75	100		
53	99.4	75.4	113.0
89	45.4	34.5	51.7

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#82

4-Chlorotoluene

Concen: 46.448 ug/l

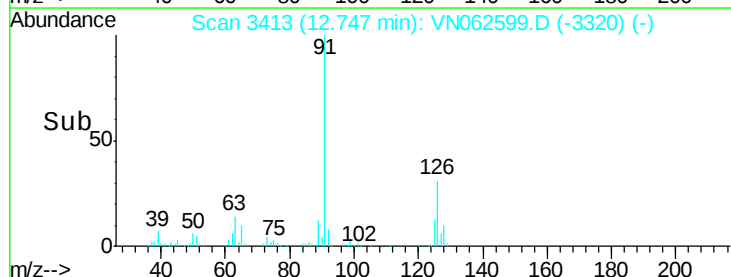
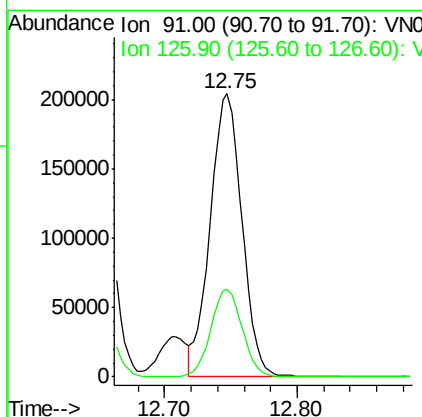
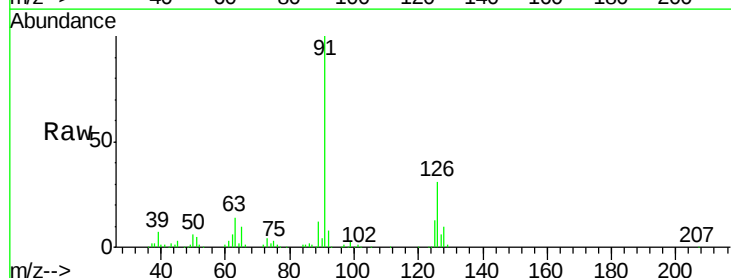
RT: 12.75 min Scan# 3413

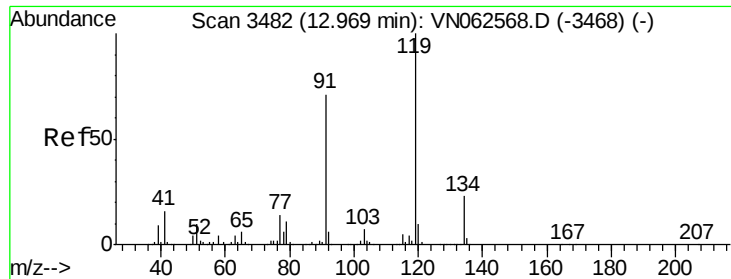
Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Tgt Ion:	91	Resp:	338445
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.4





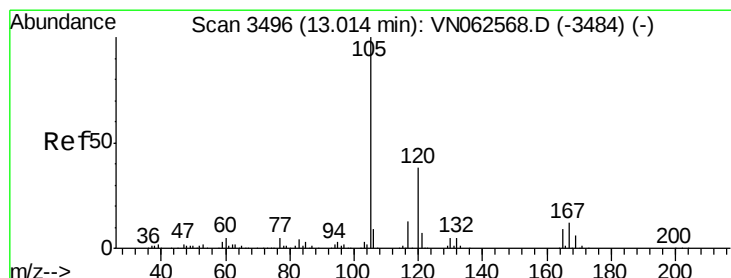
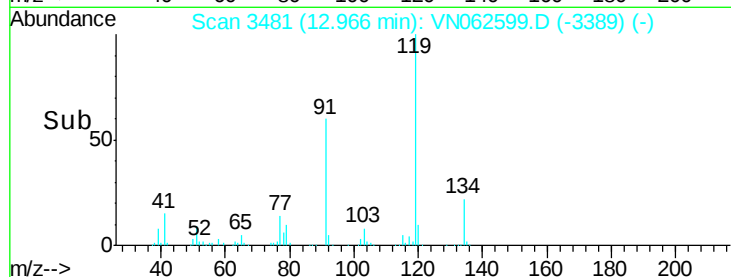
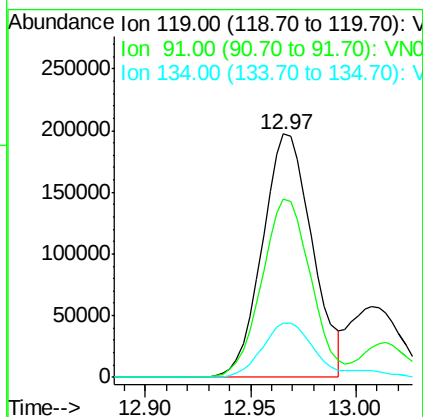
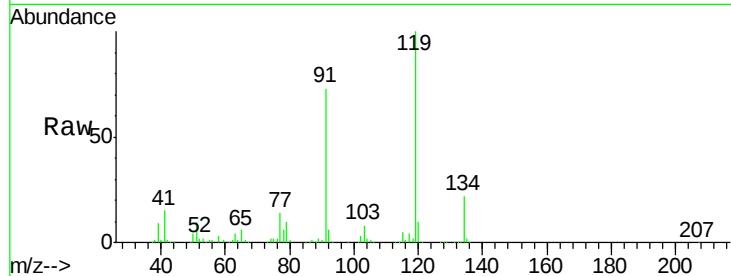
#83
tert-Butylbenzene
Concen: 48.537 ug/l
RT: 12.97 min Scan# 3481
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.3	34.6	103.8
134	23.0	11.5	34.4

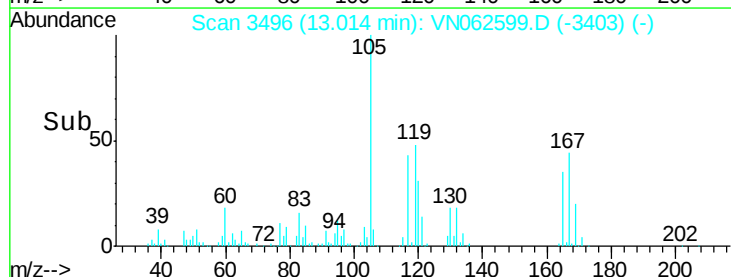
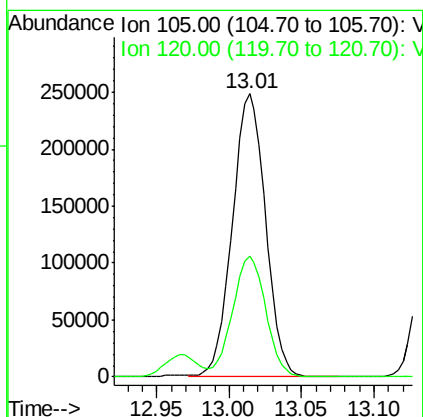
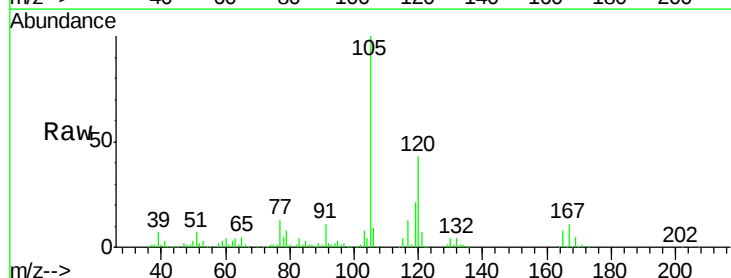
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 49.772 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.1	66.3





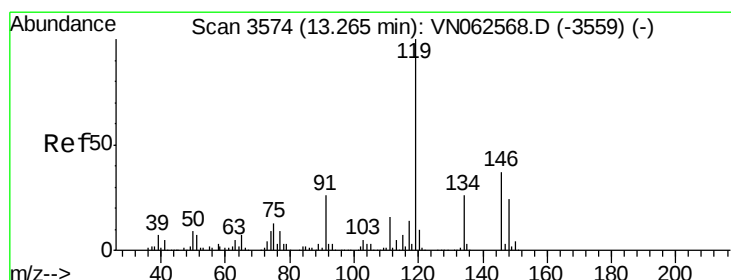
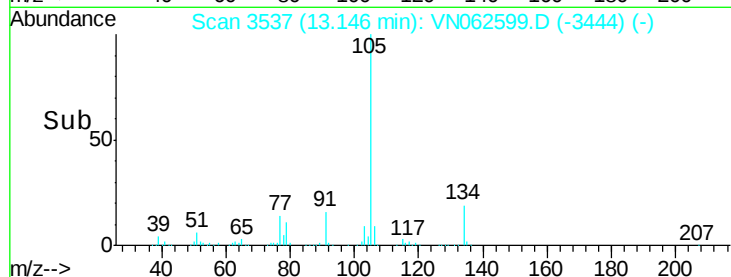
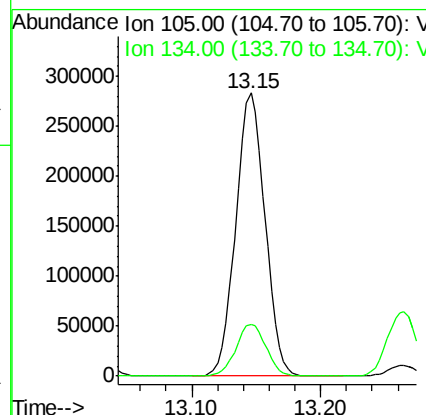
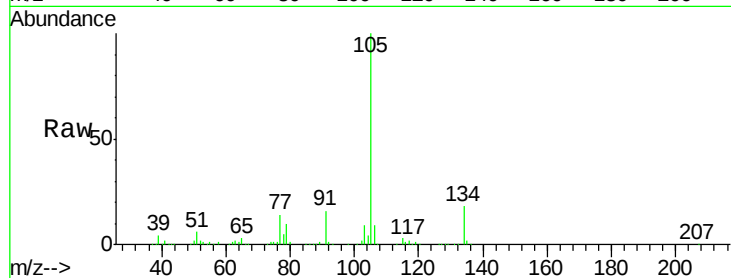
#85
 sec-Butylbenzene
 Concen: 49.744 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.7	9.5	28.5

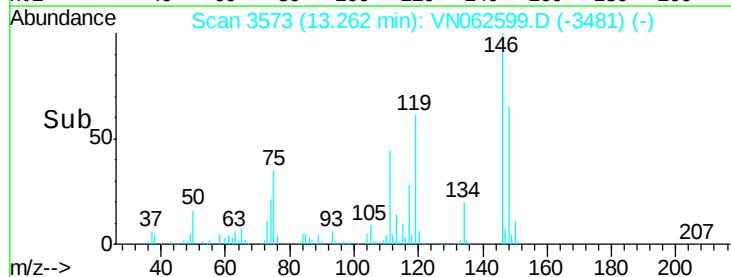
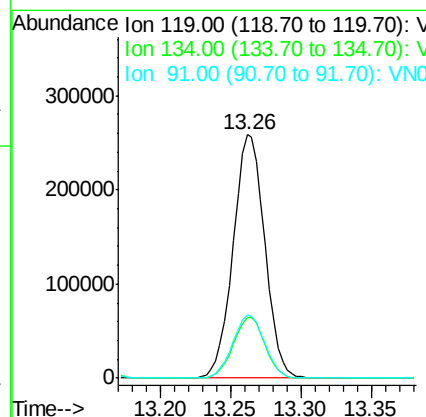
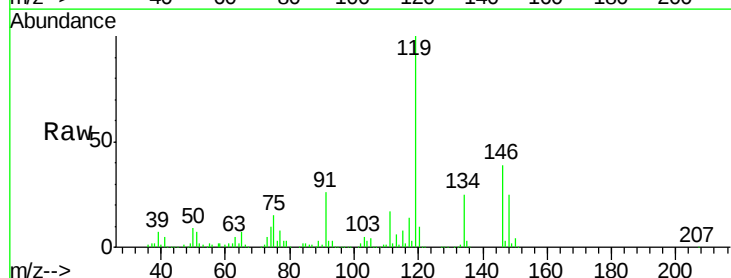
Manual Integrations
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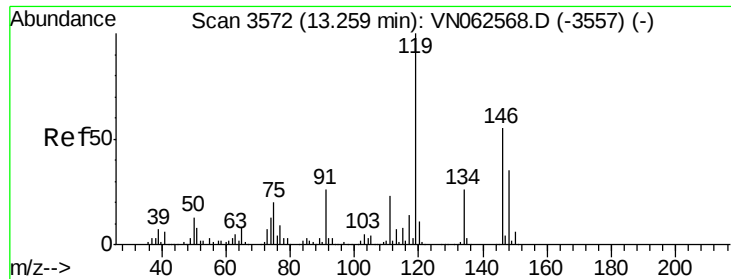
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#86
 p-Isopropyltoluene
 Concen: 52.558 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.4
91	26.3	12.7	38.1





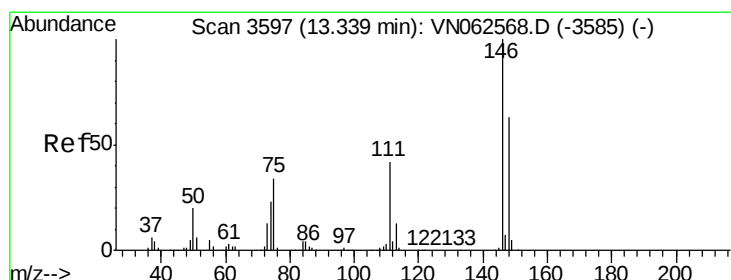
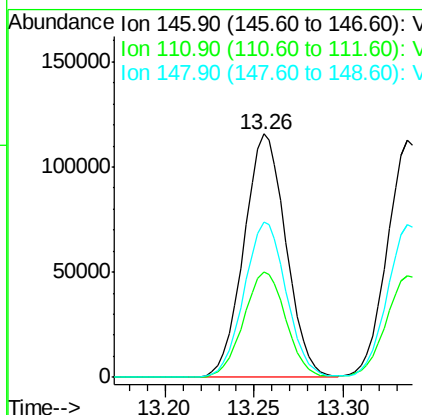
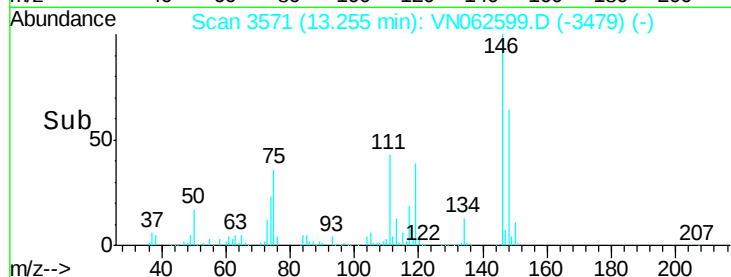
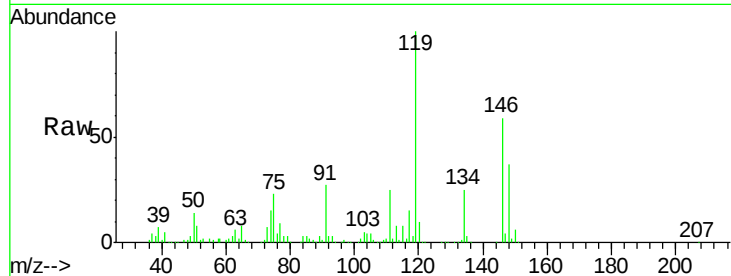
#87
 1,3-Dichlorobenzene
 Concen: 46.733 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.6	64.6
148	64.0	31.8	95.4

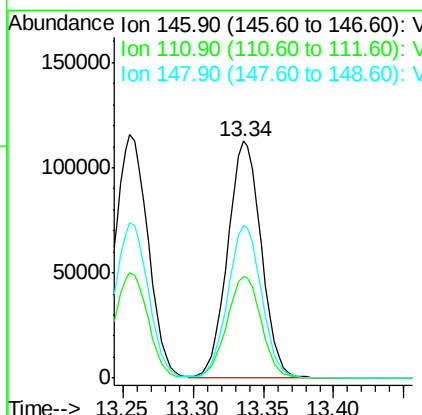
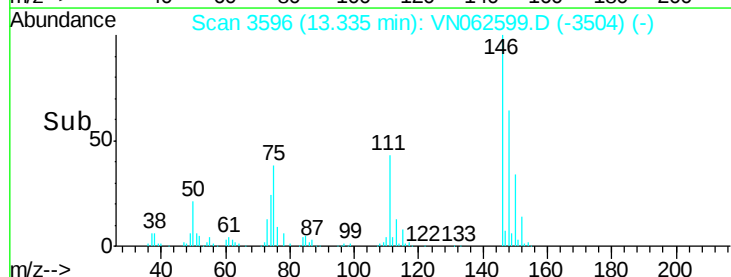
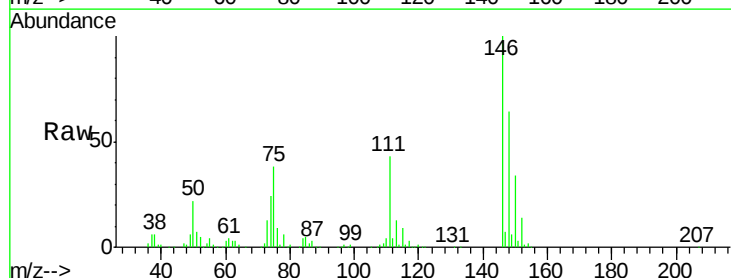
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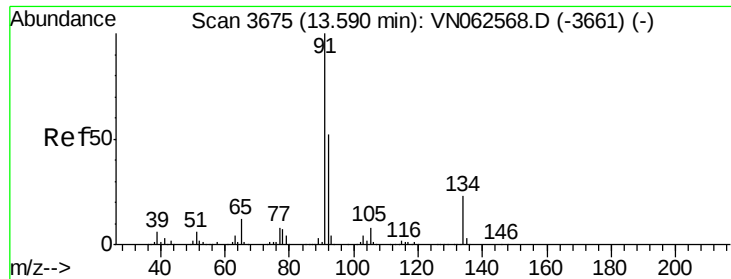
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#88
 1,4-Dichlorobenzene
 Concen: 46.481 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.1	63.1
148	64.6	31.6	94.8





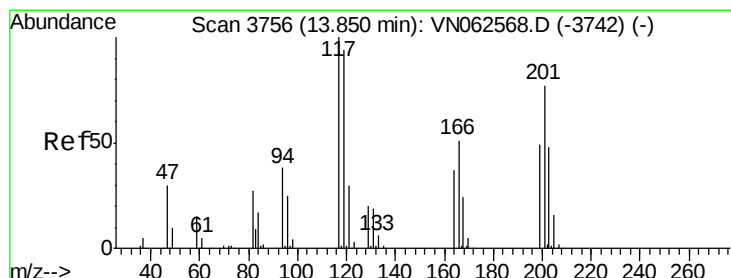
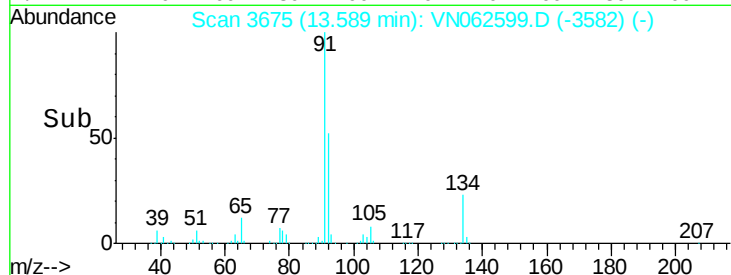
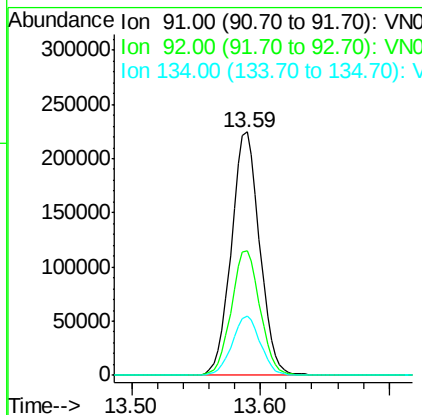
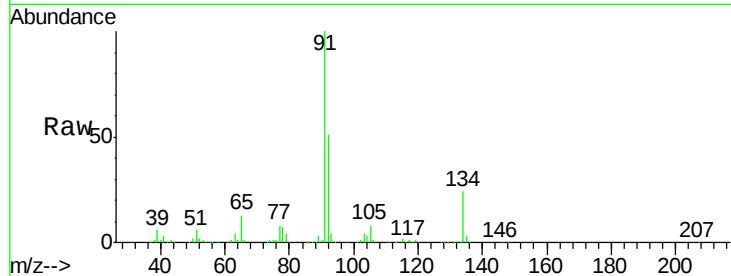
#89
n-Butylbenzene
Concen: 51.795 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.8	77.3
134	24.2	11.8	35.3

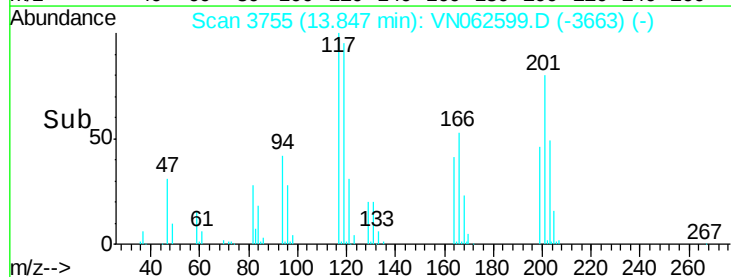
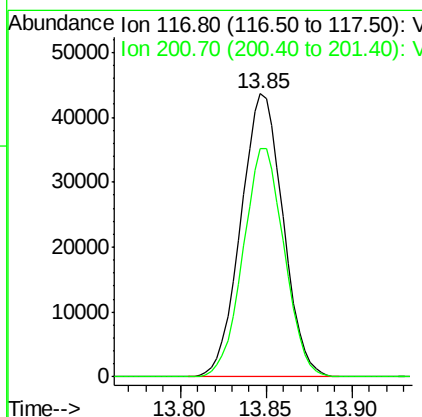
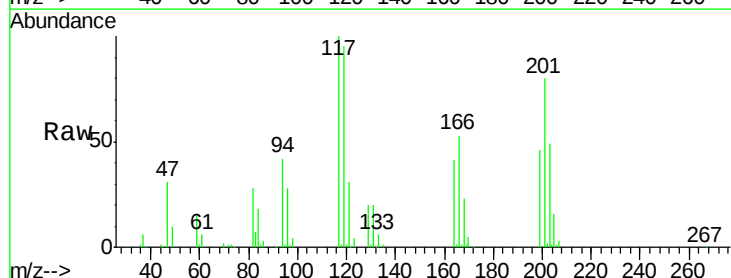
Manual Integrations
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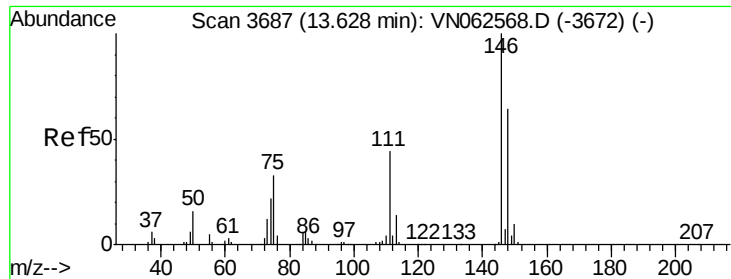
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#90
Hexachloroethane
Concen: 45.445 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.6	39.2	117.6





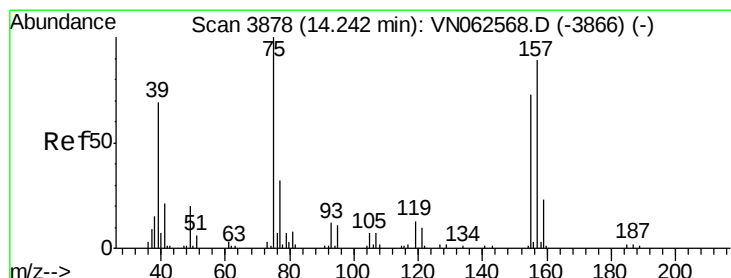
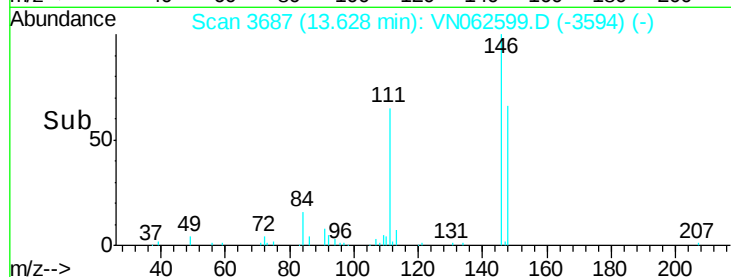
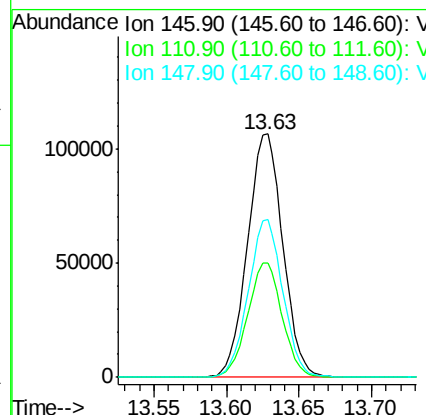
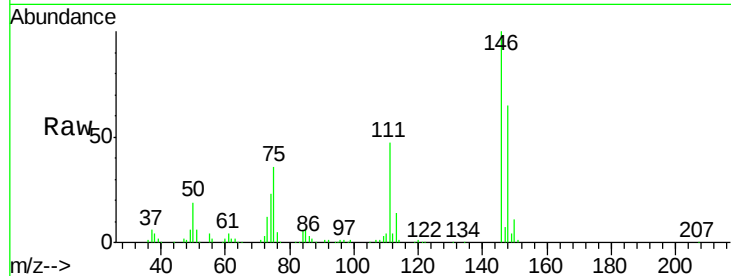
#91
 1,2-Dichlorobenzene
 Concen: 46.288 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.1	21.9	65.8
148	63.4	31.6	94.7

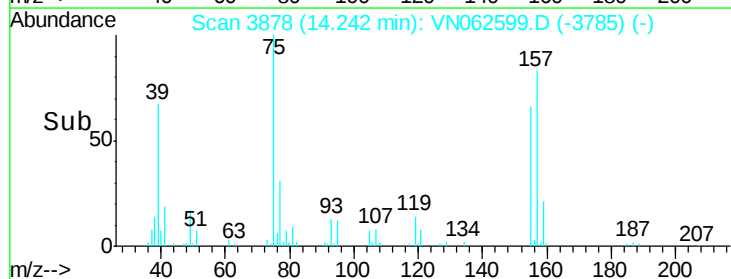
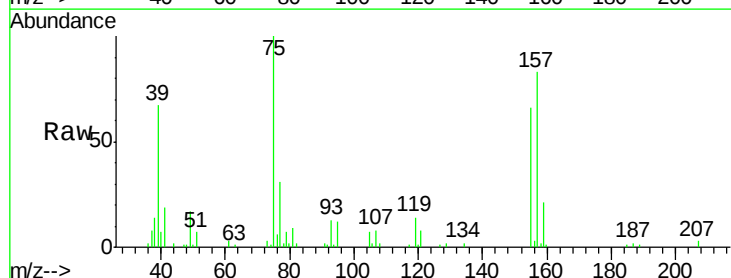
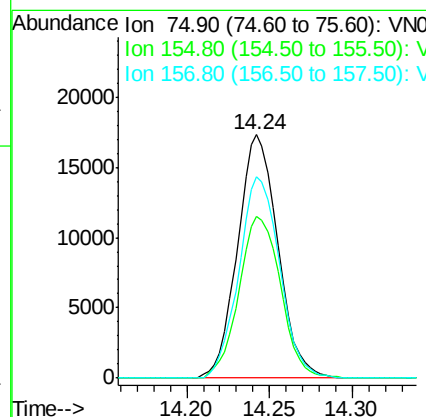
Manual Integrations
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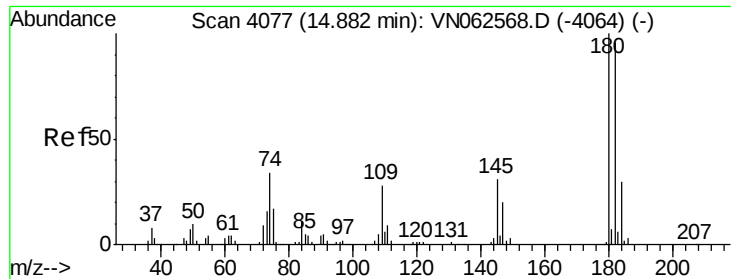
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 7/28/2020 1:46:09 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.796 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.7	35.9	107.5
157	83.9	45.0	135.0





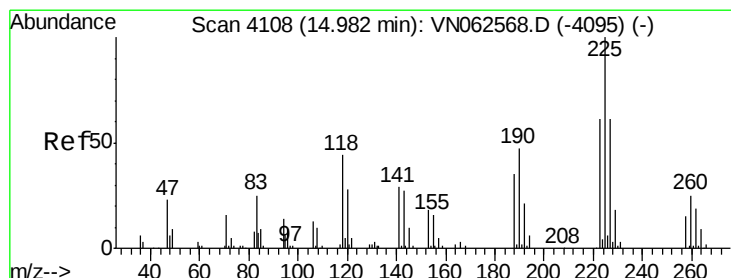
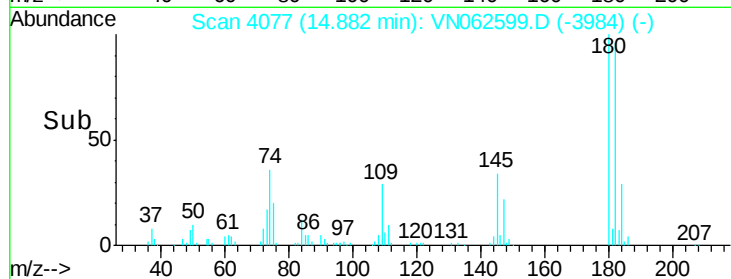
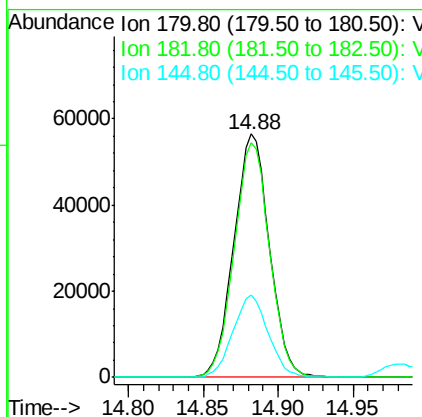
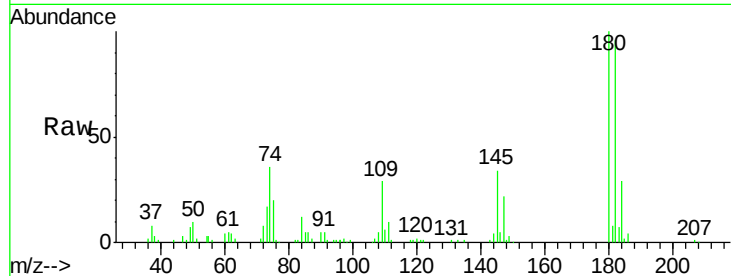
#93
 1,2,4-Trichlorobenzene
 Concen: 45.697 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	33.5	15.3	45.9

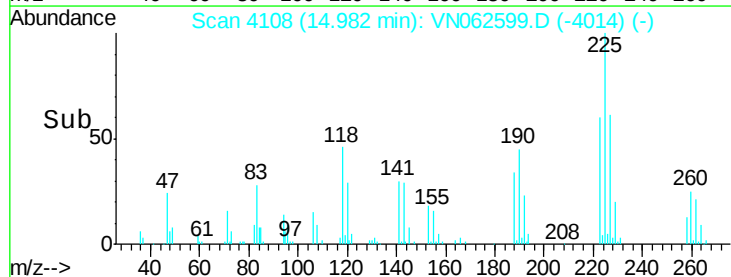
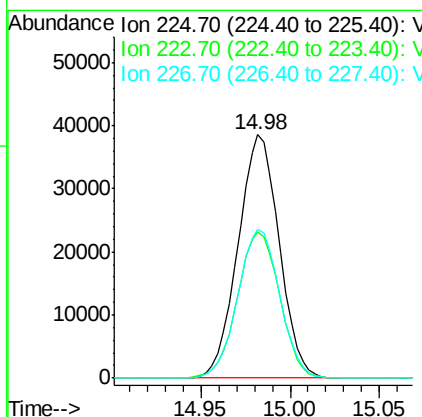
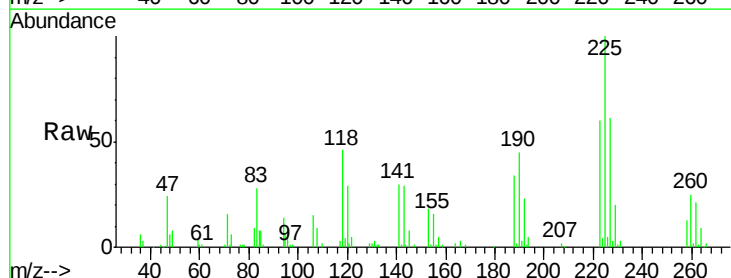
Manual Integrations
 APPROVED

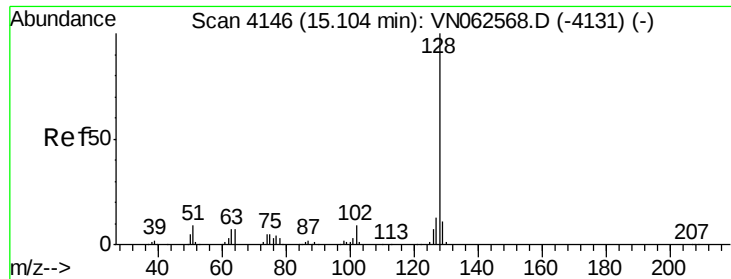
MMDadoda
 7/28/2020 1:46:09 PM



#94
 Hexachlorobutadiene
 Concen: 58.529 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.0	96.0
227	62.6	31.1	93.2





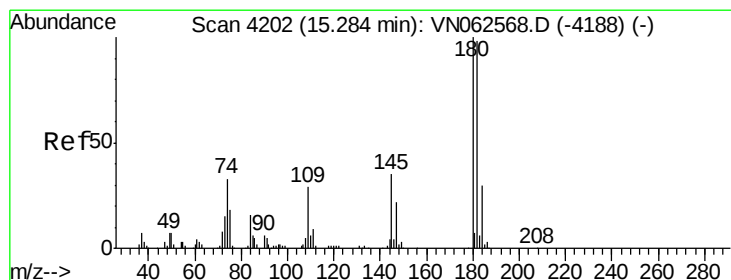
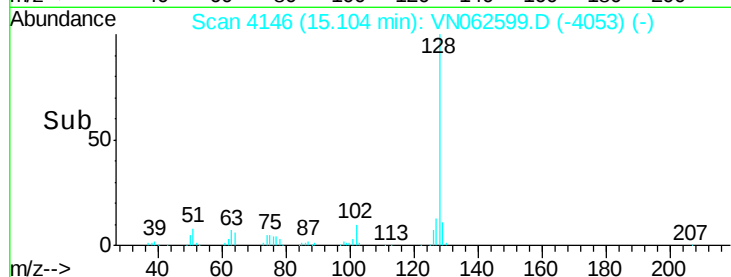
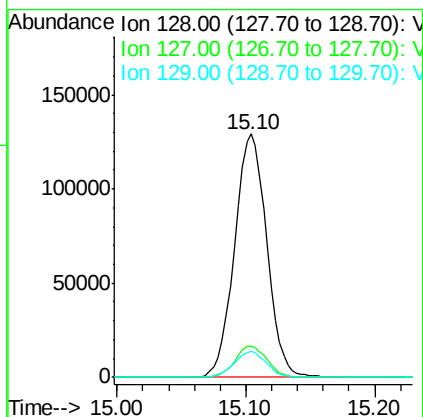
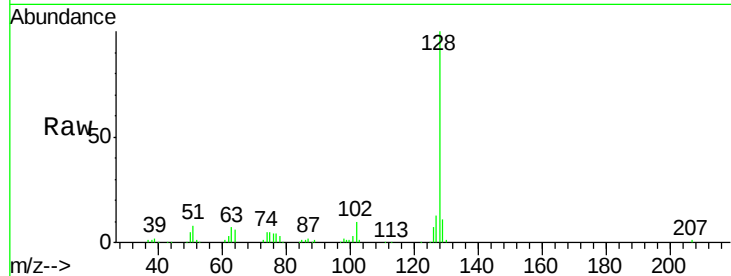
#95
Naphthalene
Concen: 41.728 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	223912		
127	12.8		10.4	15.6
129	10.7		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/28/2020 1:46:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.951 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90209		
182	97.0		48.1	144.3
145	35.4		16.7	50.1

