

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062230.D
 Acq On : 30 Jun 2020 10:53
 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
 7/1/2020 9:57:26 AM

Quant Time: Jul 01 03:53:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	230949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	382322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182995	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	164240	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.54	113	128660	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.06	98	511027	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.37	95	173435	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	120000	45.969	ug/l	97
3) Chloromethane	2.03	50	150778	49.035	ug/l	99
4) Vinyl Chloride	2.16	62	180536	43.916	ug/l	97
5) Bromomethane	2.52	94	122379	46.061	ug/l	98
6) Chloroethane	2.66	64	126380	45.003	ug/l	99
7) Trichlorofluoromethane	2.98	101	226242	44.663	ug/l	98
8) Diethyl Ether	3.37	74	92568	52.333	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	131143	49.438	ug/l	97
10) Methyl Iodide	3.91	142	155315	51.989	ug/l	99
11) Tert butyl alcohol	4.73	59	119224	256.212	ug/l	99
12) 1,1-Dichloroethene	3.69	96	126876	47.844	ug/l	99
13) Acrolein	3.56	56	133049	292.037	ug/l	99
14) Allyl chloride	4.27	41	193428	53.574	ug/l	98
15) Acrylonitrile	4.92	53	349402	275.542	ug/l	100
16) Acetone	3.77	43	304015	299.649	ug/l	96
17) Carbon Disulfide	4.00	76	357261	47.038	ug/l	100
18) Methyl Acetate	4.27	43	144007	55.895	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	451915	53.331	ug/l	99
20) Methylene Chloride	4.50	84	157194	52.847	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	141941	46.985	ug/l	92
22) Diisopropyl ether	5.90	45	450836	54.842	ug/l	99
23) Vinyl Acetate	5.84	43	1887088	281.163	ug/l	98
24) 1,1-Dichloroethane	5.79	63	271794	51.343	ug/l	99
25) 2-Butanone	6.78	43	442986	279.636	ug/l	98
26) 2,2-Dichloropropane	6.77	77	222583	50.458	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	165914	48.807	ug/l	97
28) Bromochloromethane	7.15	49	114973	50.058	ug/l	93
29) Tetrahydrofuran	7.16	42	289633	279.112	ug/l	98
30) Chloroform	7.32	83	270813	50.282	ug/l	100
31) Cyclohexane	7.61	56	221472	49.461	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	223947	49.305	ug/l	99
36) 1,1-Dichloropropene	7.75	75	201961	49.667	ug/l	99
37) Ethyl Acetate	6.88	43	187269	55.617	ug/l	98
38) Carbon Tetrachloride	7.73	117	185357	48.350	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	237172	53.233	ug/l	97
40) Benzene	8.00	78	624969	50.426	ug/l	99
41) Methacrylonitrile	7.13	41	89720m	57.476	ug/l	
42) 1,2-Dichloroethane	8.08	62	221396	52.872	ug/l	99
43) Isopropyl Acetate	8.12	43	309759	56.434	ug/l	99
44) Trichloroethene	8.80	130	146235	46.774	ug/l	98
45) 1,2-Dichloropropane	9.08	63	163262	53.395	ug/l	100
46) Dibromomethane	9.17	93	106214	51.235	ug/l	97
47) Bromodichloromethane	9.37	83	220661	52.716	ug/l	99
48) Methyl methacrylate	9.17	41	141299	57.413	ug/l	97
49) 1,4-Dioxane	9.17	88	55533	1017.507	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	933593	291.116	ug/l	100
52) Toluene	10.12	92	388474	51.371	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	247348	53.711	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	266522	54.360	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	158002	53.153	ug/l	99
56) Ethyl methacrylate	10.40	69	228431	57.582	ug/l	96
57) 1,3-Dichloropropane	10.68	76	271699	53.102	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	440647	260.191	ug/l	98
59) 2-Hexanone	10.72	43	679315	293.348	ug/l	100
60) Dibromochloromethane	10.87	129	162277	51.563	ug/l	98
61) 1,2-Dibromoethane	10.98	107	156069	51.096	ug/l	99
64) Tetrachloroethene	10.60	164	117128	44.849	ug/l	98
65) Chlorobenzene	11.40	112	407232	48.504	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	142895	49.220	ug/l	99
67) Ethyl Benzene	11.48	91	741423	52.288	ug/l	98
68) m/p-Xylenes	11.59	106	563697	102.782	ug/l	97
69) o-Xylene	11.92	106	270687	52.311	ug/l	96
70) Styrene	11.94	104	461213	53.444	ug/l	99
71) Bromoform	12.10	173	103920	50.345	ug/l #	99
73) Isopropylbenzene	12.22	105	713011	50.335	ug/l	100
74) N-amyl acetate	12.04	43	274641	52.491	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	235985	50.062	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	194008m	45.036	ug/l	
77) Bromobenzene	12.50	156	163249	46.420	ug/l	92
78) n-propylbenzene	12.56	91	852179	52.594	ug/l	98
79) 2-Chlorotoluene	12.65	91	493314	50.362	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	595508	51.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	78762	53.394	ug/l	99
82) 4-Chlorotoluene	12.75	91	522065	51.539	ug/l	97
83) tert-Butylbenzene	12.97	119	498068	50.682	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	602953	52.574	ug/l	99
85) sec-Butylbenzene	13.15	105	708433	54.555	ug/l	98
86) p-Isopropyltoluene	13.26	119	628005	55.200	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	304446	49.299	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	304050	47.764	ug/l	99
89) n-Butylbenzene	13.59	91	542885	57.396	ug/l	99
90) Hexachloroethane	13.85	117	115423	51.710	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	293514	49.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	40586	53.747	ug/l	94

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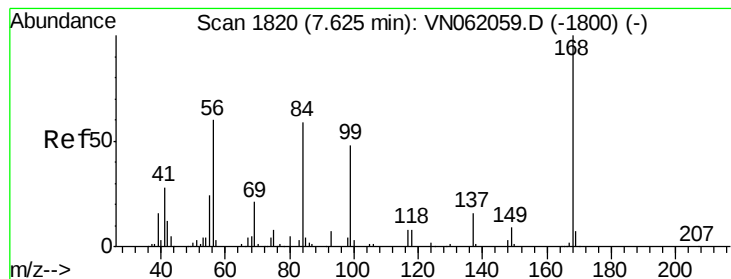
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	136894	52.329	ug/l	99
94) Hexachlorobutadiene	14.99	225	62280	54.813	ug/l	99
95) Naphthalene	15.10	128	396887	45.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	135432	50.630	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: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 230949

Ion Ratio Lower Upper

168 100

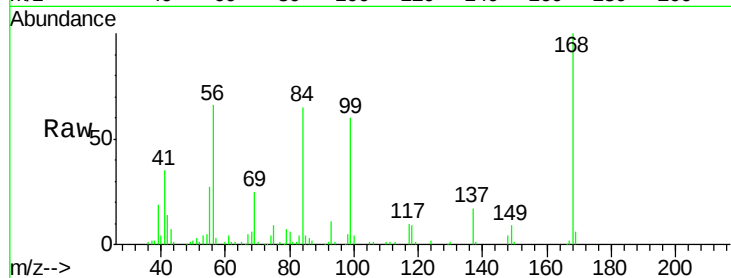
99 59.9 45.8 68.8

Manual Integrations

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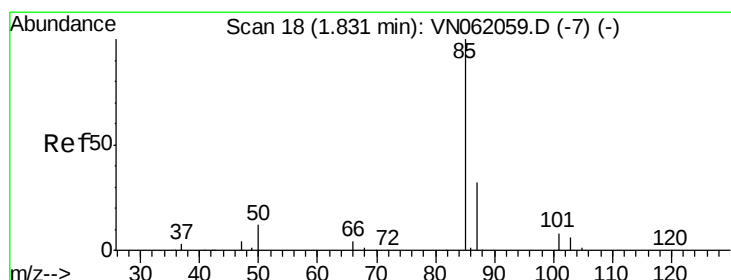
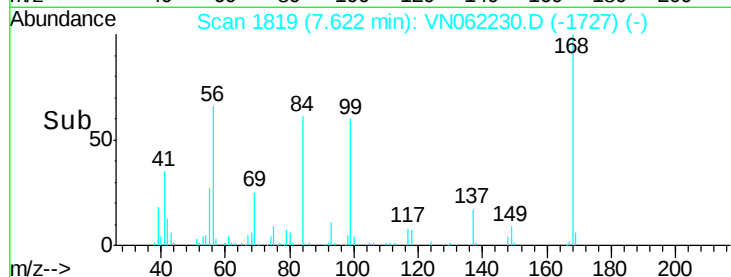
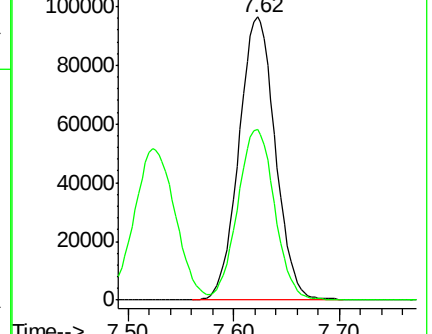
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.969 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062230.D

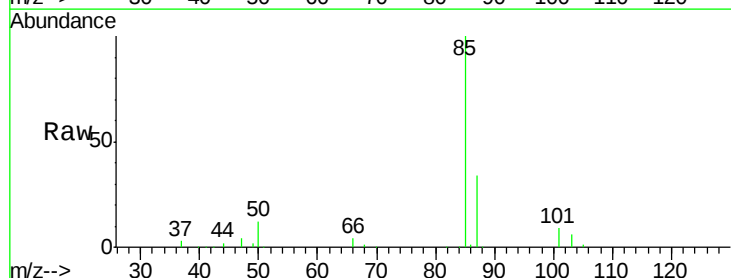
Acq: 30 Jun 2020 10:53

Tgt Ion: 85 Resp: 120000

Ion Ratio Lower Upper

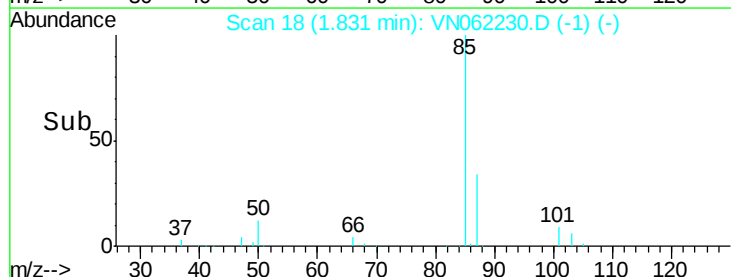
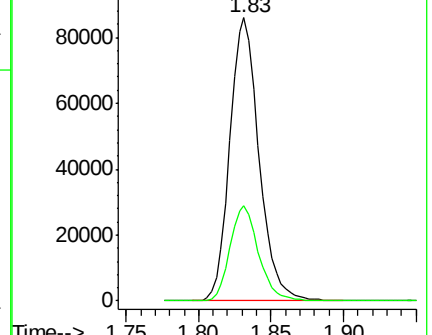
85 100

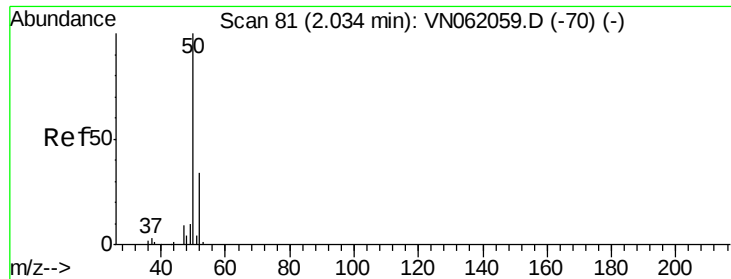
87 33.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 49.035 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 150778

Ion Ratio Lower Upper

50 100

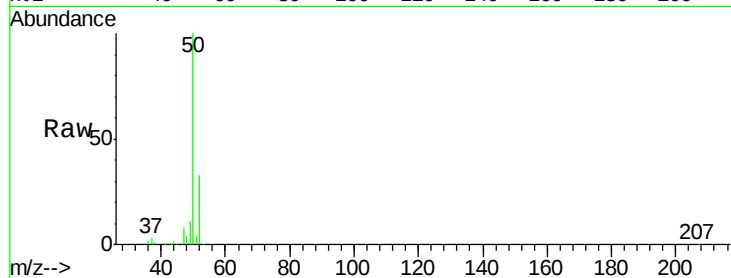
52 33.4 27.0 40.6

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Abundance Ion 49.90 (49.60 to 50.60): VN062230.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN062230.D (-1) (-)

2.03

120000

100000

80000

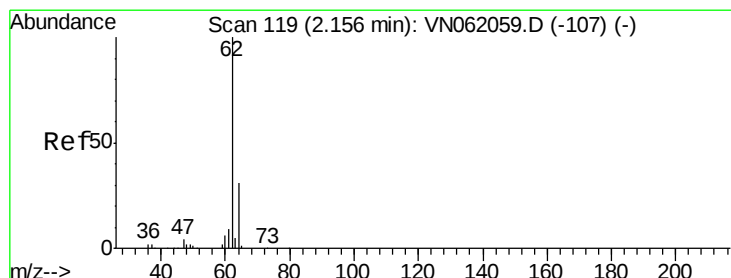
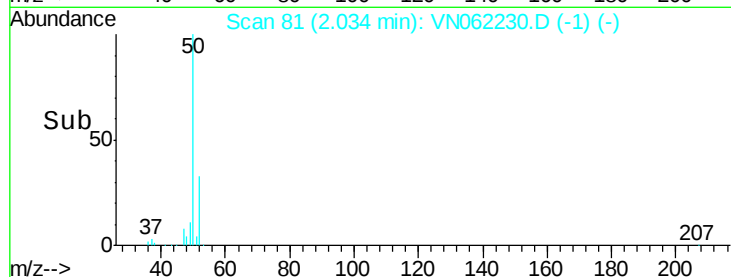
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 43.916 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062230.D

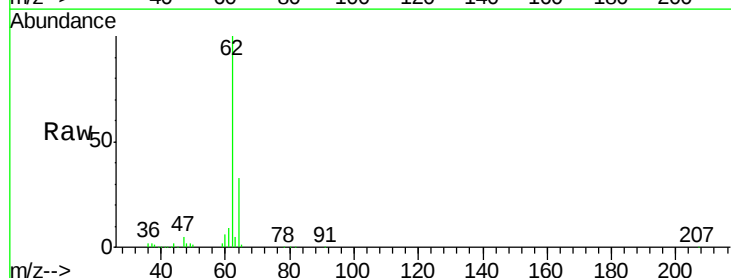
Acq: 30 Jun 2020 10:53

Tgt Ion: 62 Resp: 180536

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN062230.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN062230.D (-26) (-)

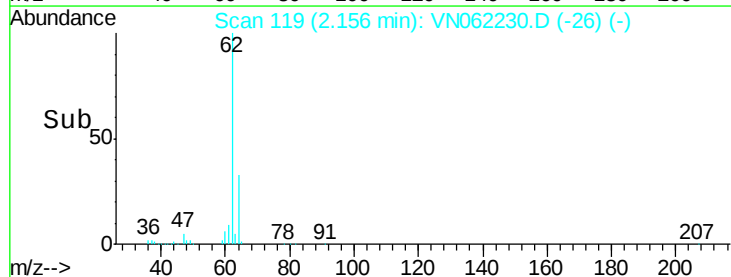
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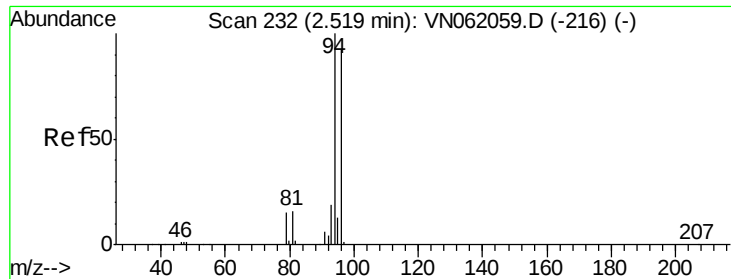
100000

50000

0

Time-->





#5

Bromomethane

Concen: 46.061 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 122379

Ion Ratio Lower Upper

94 100

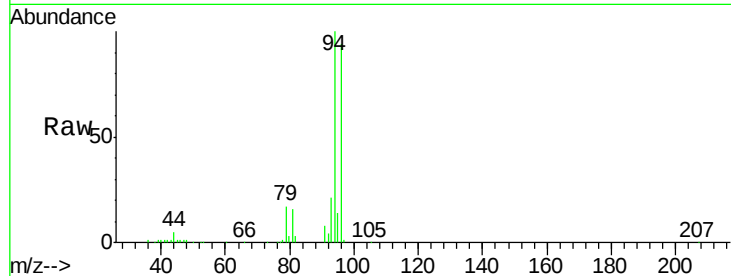
96 93.6 73.4 110.2

Manual Integrations

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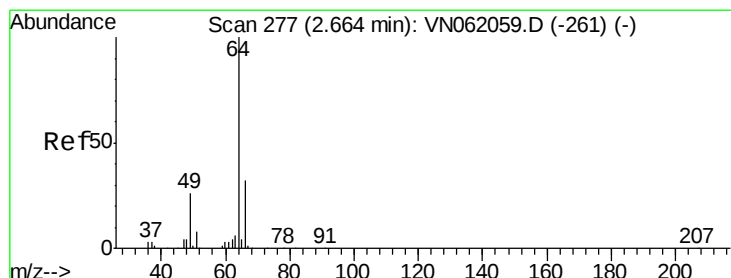
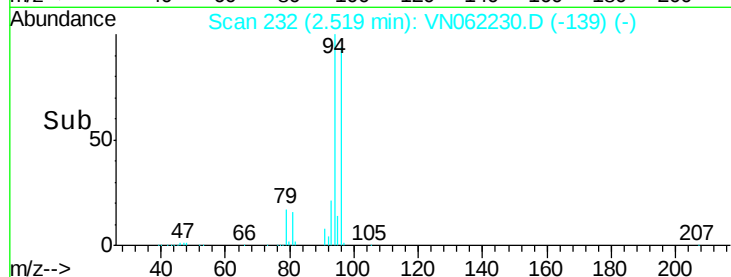
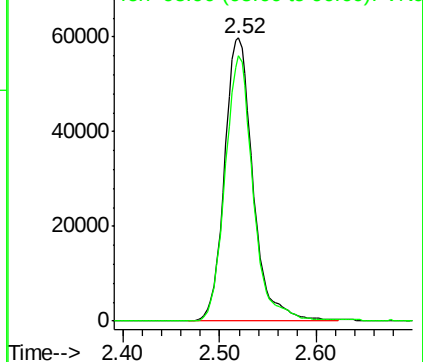
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 45.003 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062230.D

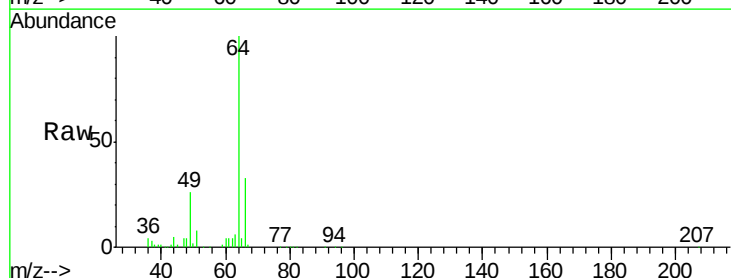
Acq: 30 Jun 2020 10:53

Tgt Ion: 64 Resp: 126380

Ion Ratio Lower Upper

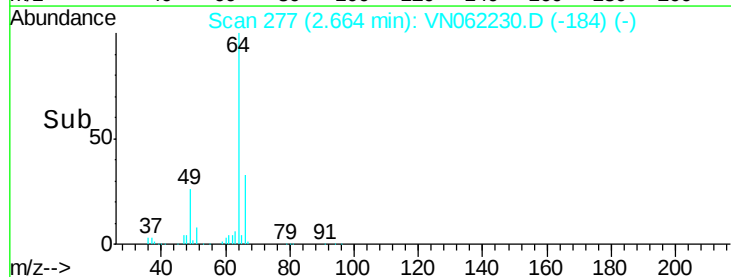
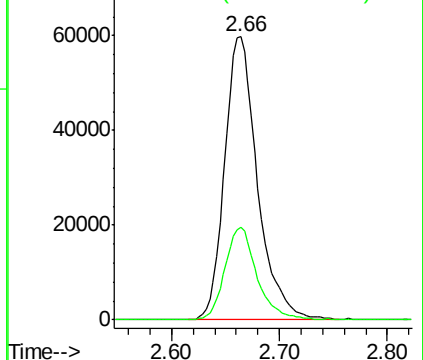
64 100

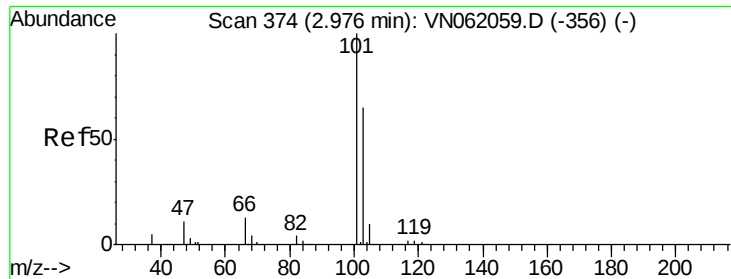
66 32.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

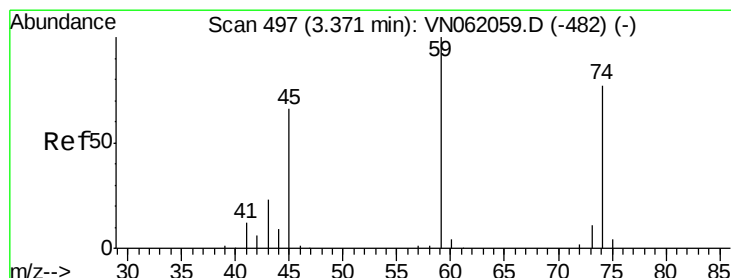
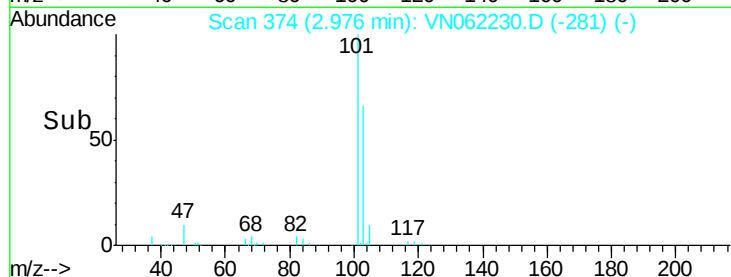
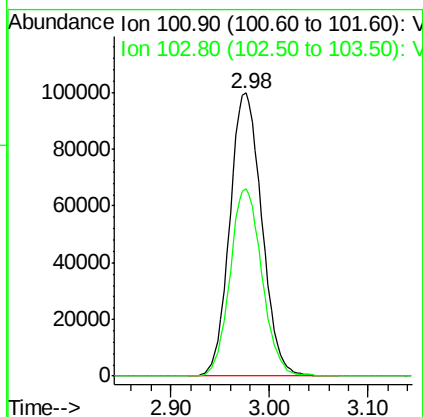
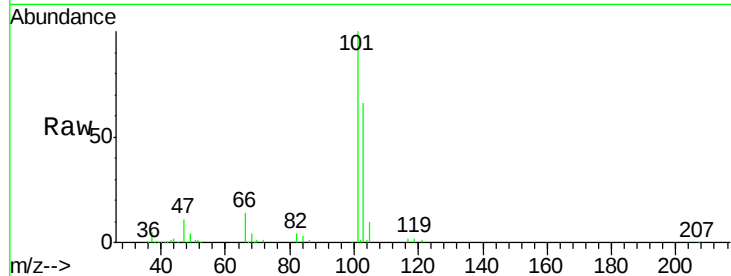
Trichlorofluoromethane
Concen: 44.663 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.8	77.6

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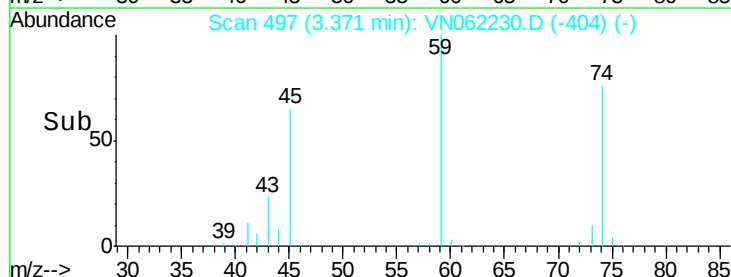
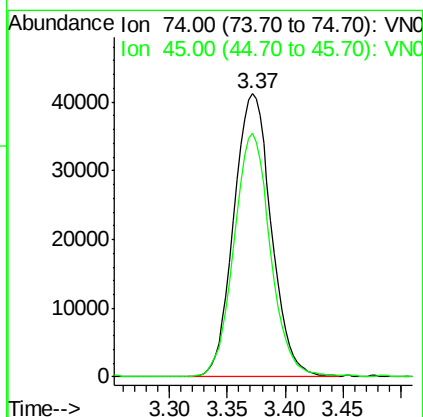
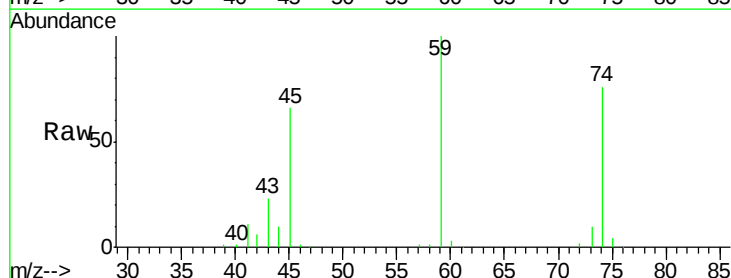
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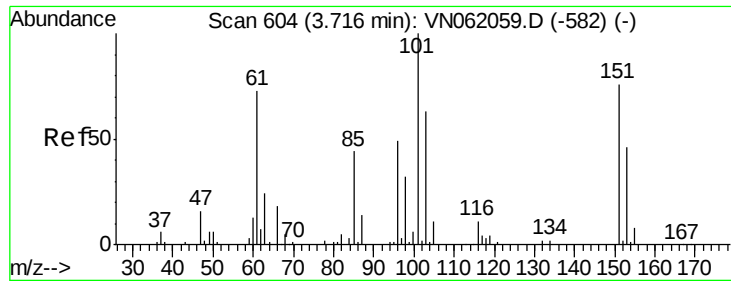


#8

Diethyl Ether
Concen: 52.333 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.9	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.438 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

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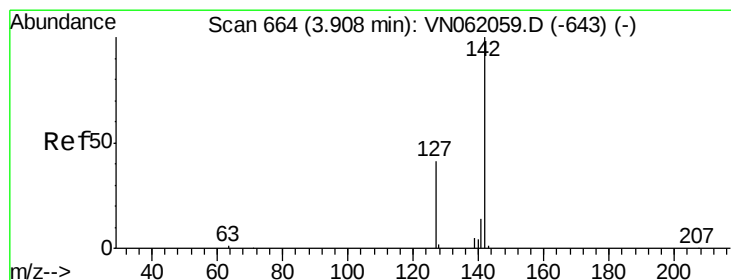
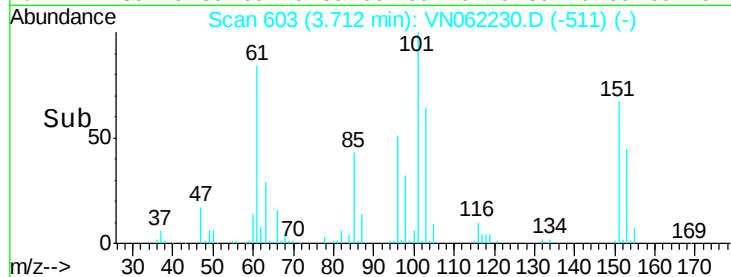
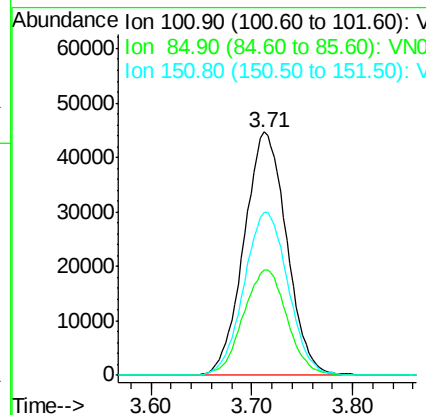
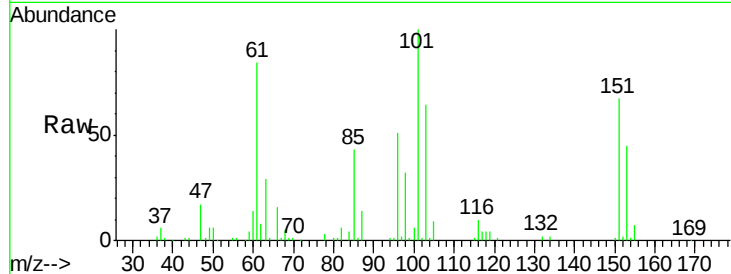
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	131143
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.5	51.7
151	69.1	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 51.989 ug/l

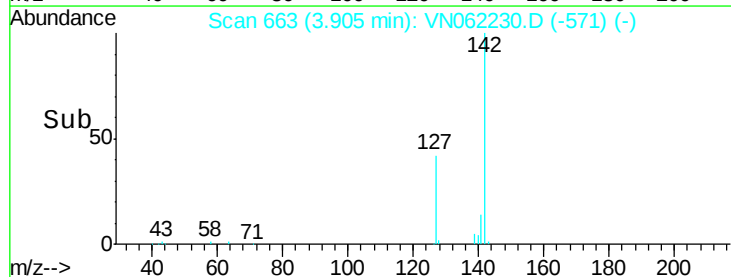
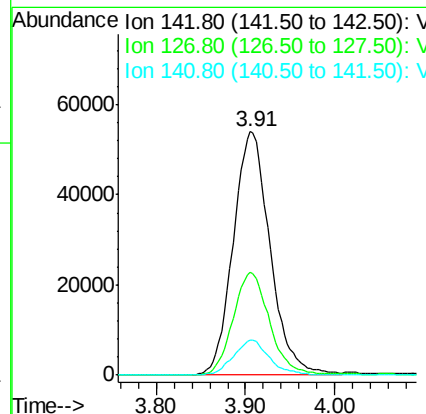
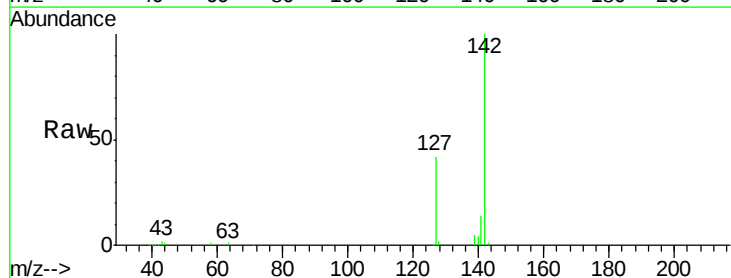
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion:	142	Resp:	155315
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.6	50.4
141	14.0	11.3	16.9





#11

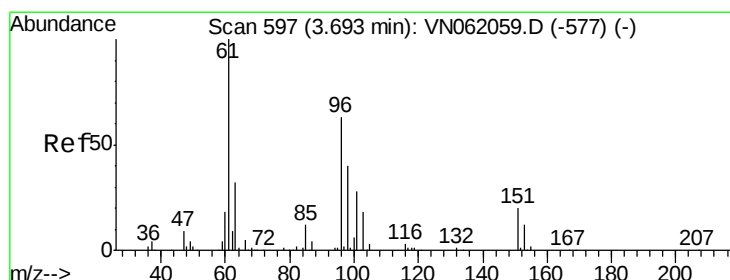
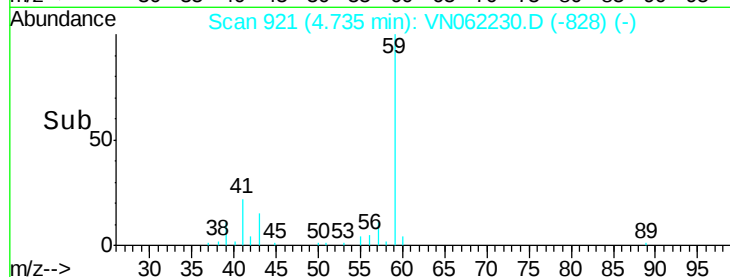
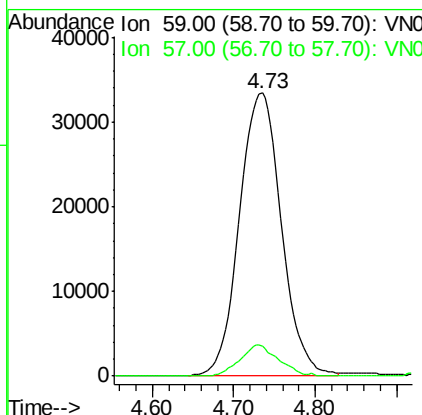
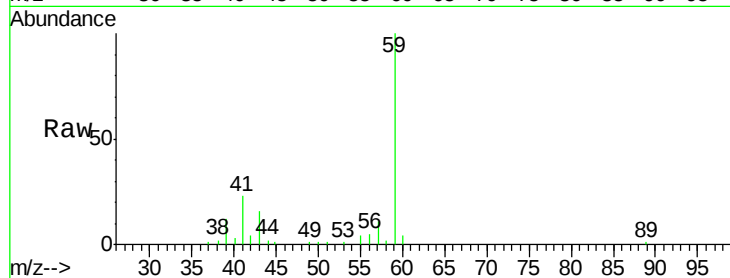
Tert butyl alcohol
Concen: 256.212 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

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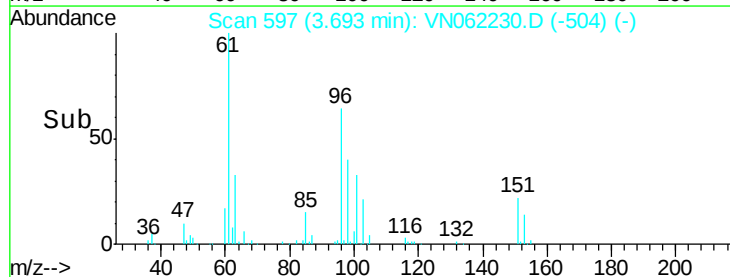
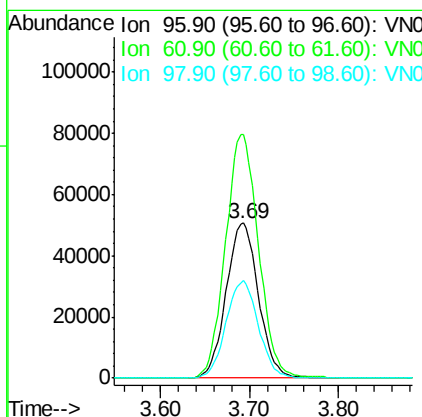
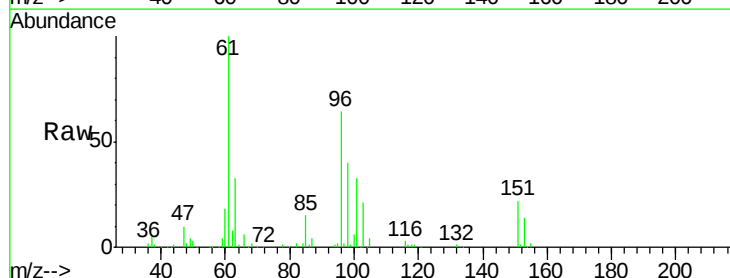
MMDadoda
7/1/2020 9:57:26 AM

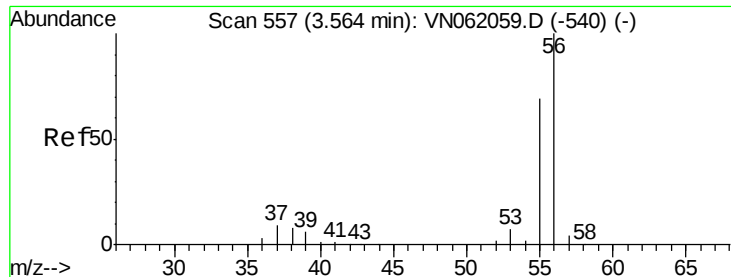


#12

1,1-Dichloroethene
Concen: 47.844 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.4	126.7	190.1
98	62.9	51.0	76.4





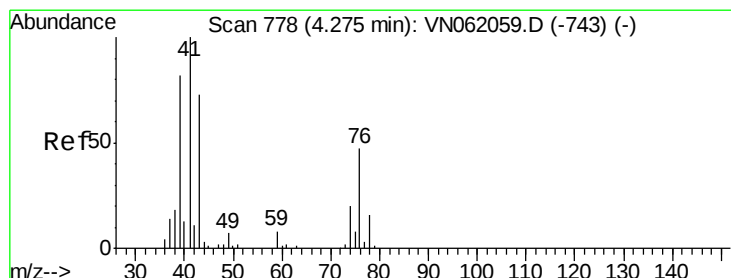
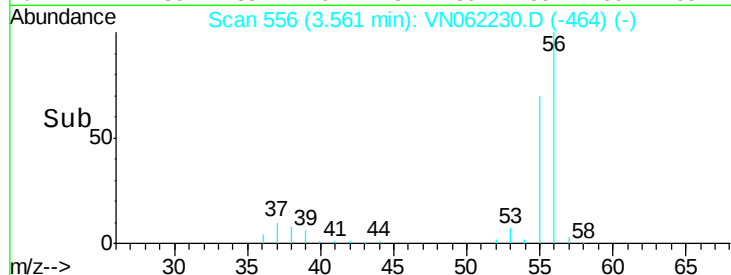
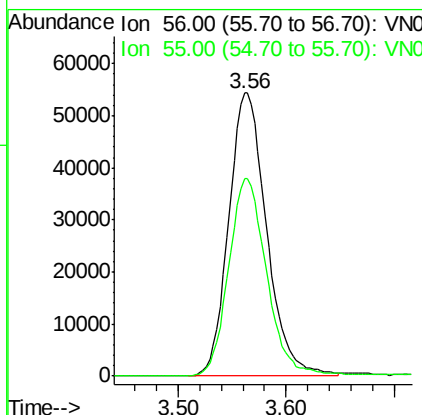
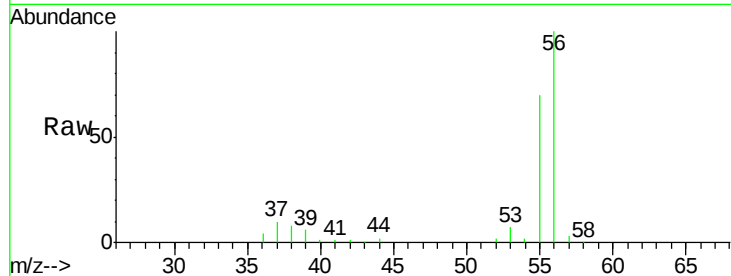
#13
Acrolein
Concen: 292.037 ug/l
RT: 3.56 min Scan# 556
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 133049
Ion Ratio Lower Upper
56 100
55 70.1 55.5 83.3

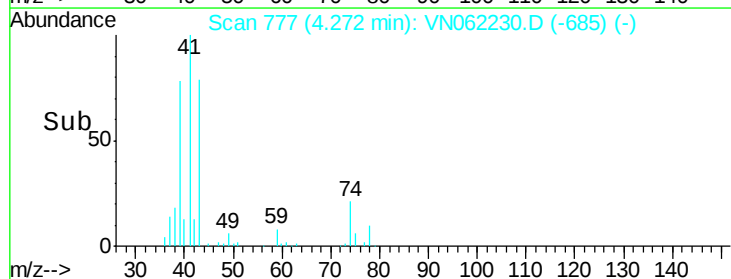
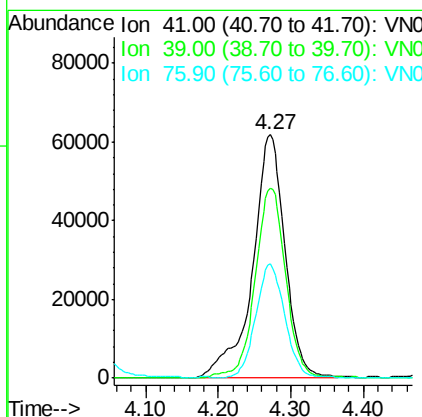
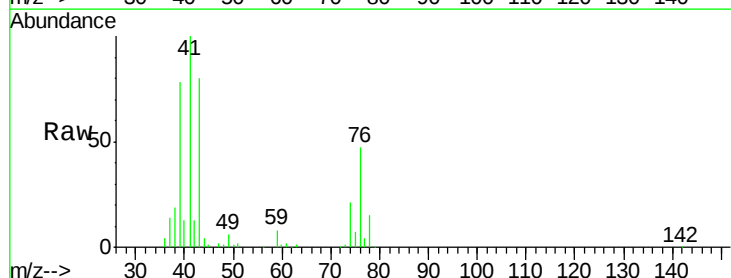
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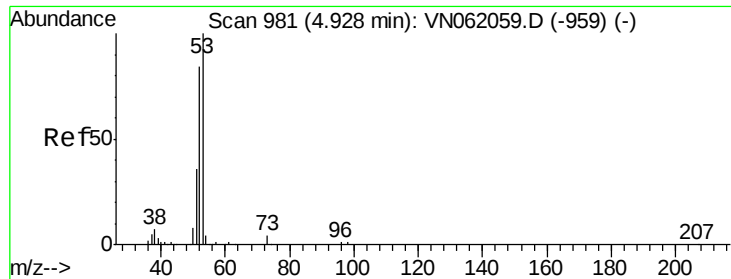
MMDadoda
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#14
Allyl chloride
Concen: 53.574 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 41 Resp: 193428
Ion Ratio Lower Upper
41 100
39 73.3 60.0 90.0
76 40.9 34.1 51.1





#15

Acrylonitrile

Concen: 275.542 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

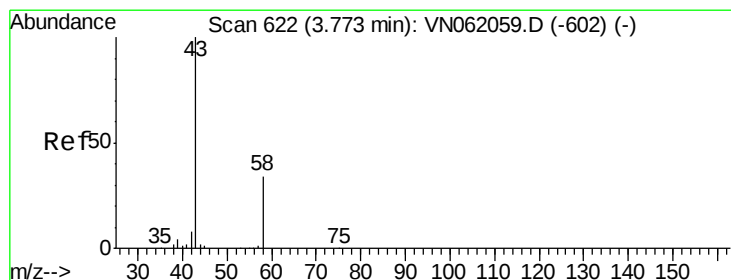
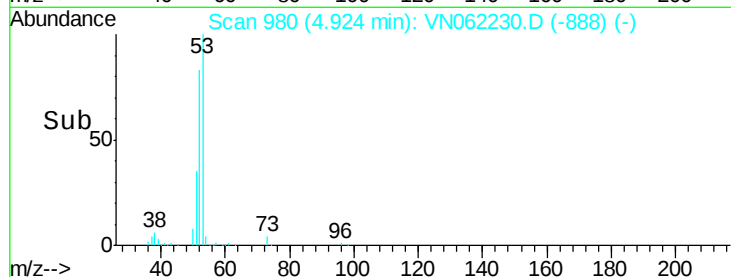
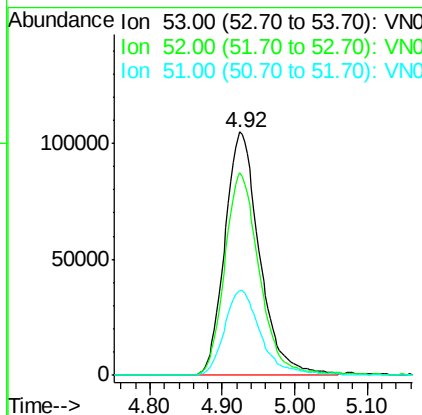
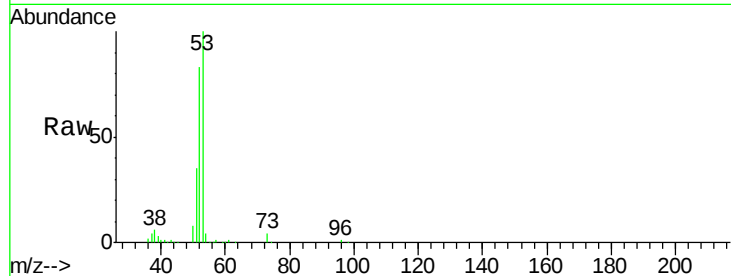
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	349402
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.2	99.4
51	36.3	28.9	43.3

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#16

Acetone

Concen: 299.649 ug/l

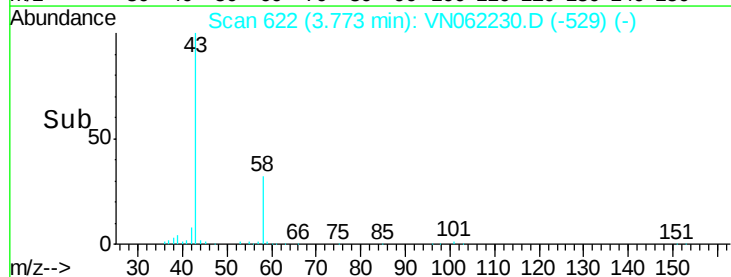
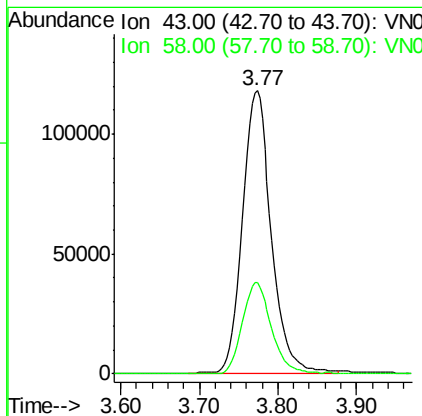
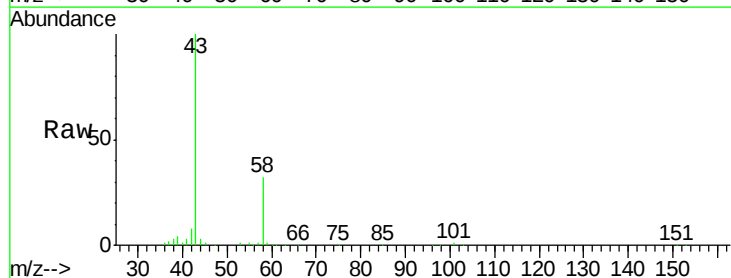
RT: 3.77 min Scan# 622

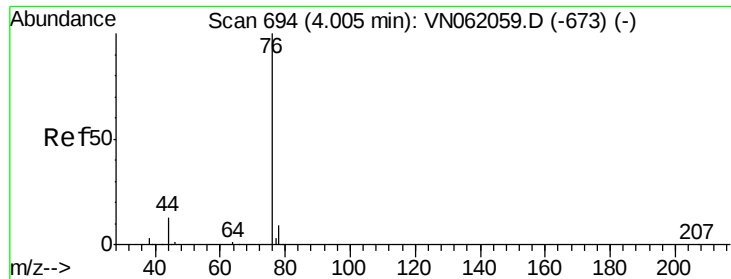
Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion:	43	Resp:	304015
Ion Ratio	Lower	Upper	
43	100		
58	32.2	27.5	41.3





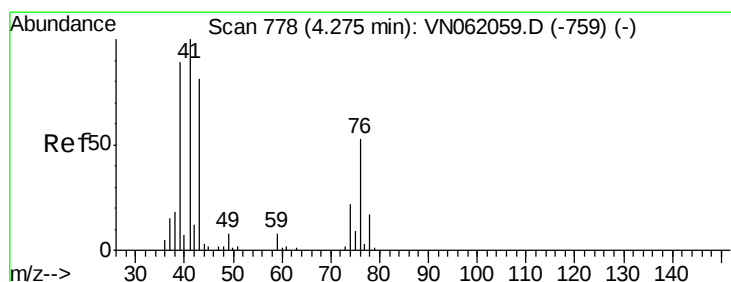
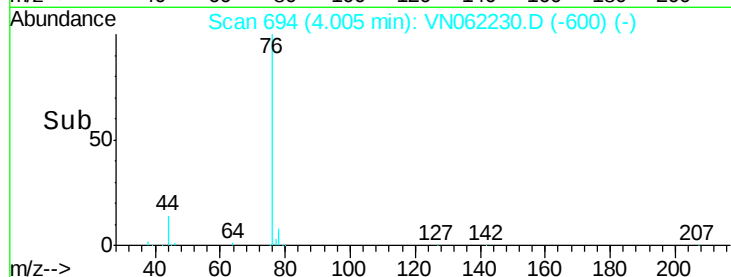
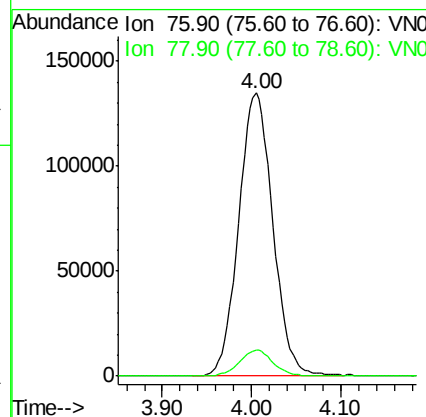
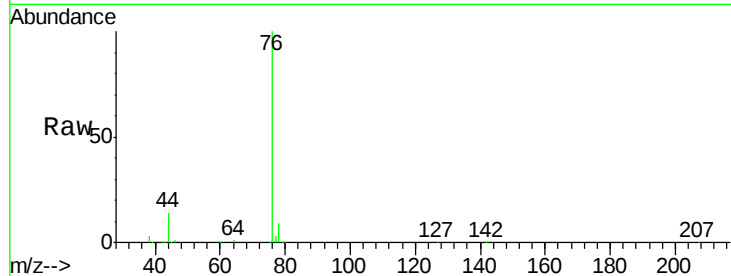
#17
Carbon Disulfide
Concen: 47.038 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

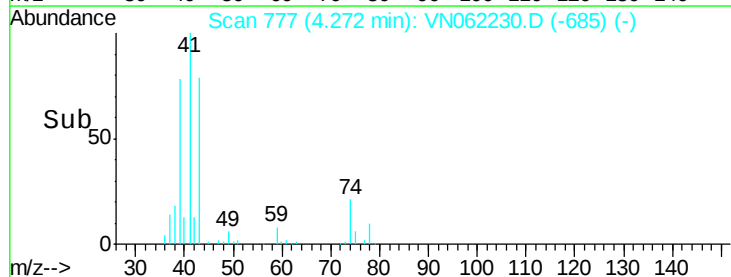
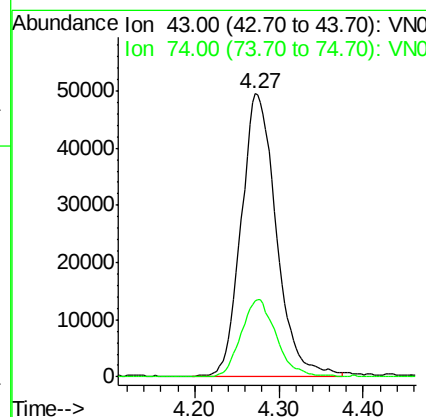
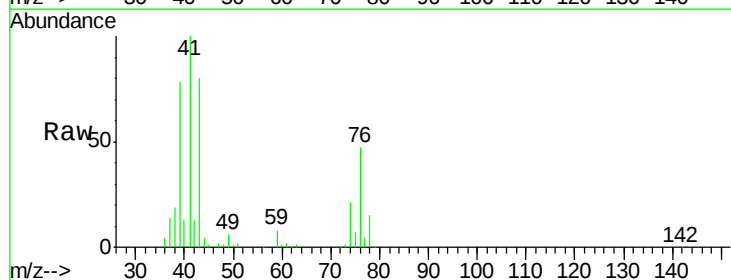
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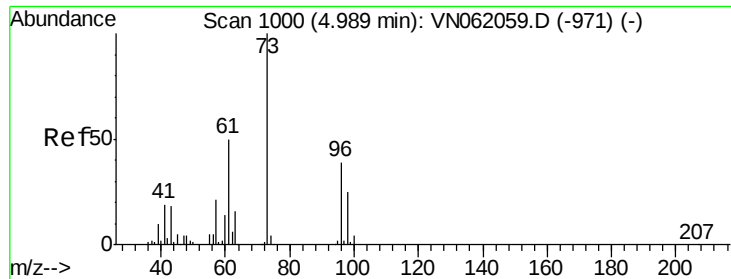
MMDadoda
7/1/2020 9:57:26 AM



#18
Methyl Acetate
Concen: 55.895 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	22.9	34.3





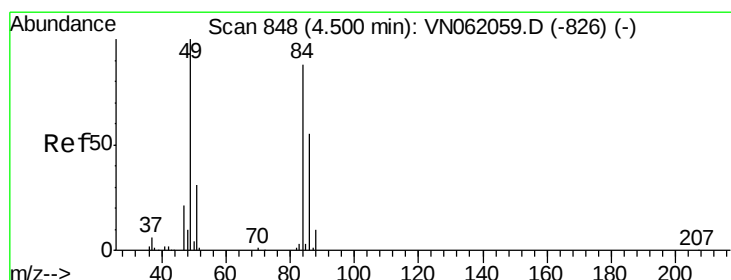
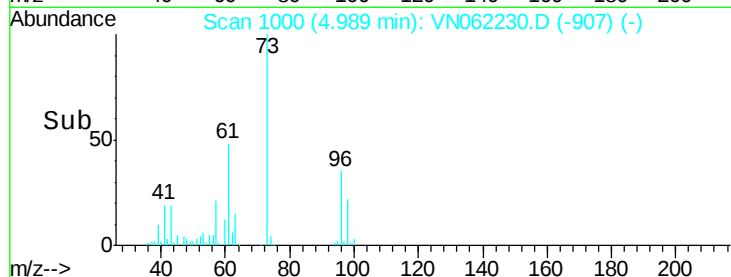
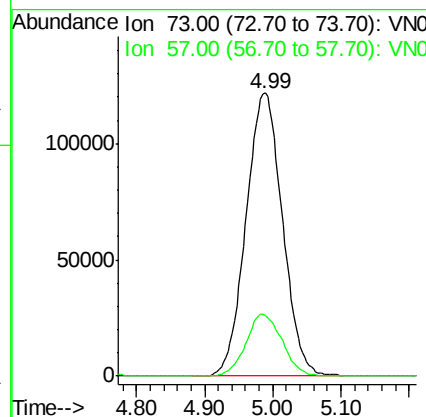
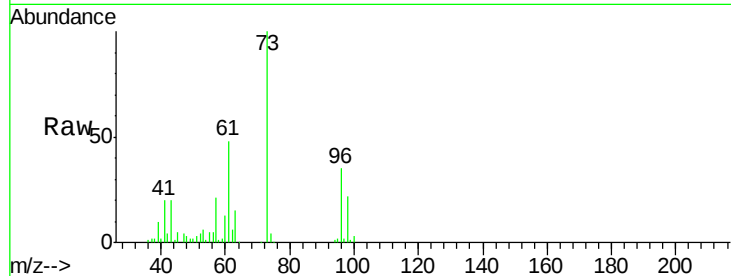
#19
Methvl tert-butvl Ether
Concen: 53.331 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.6	24.8

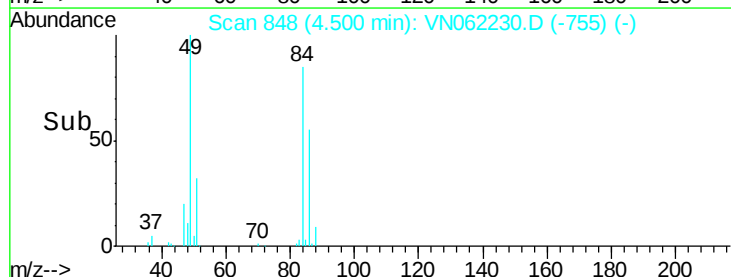
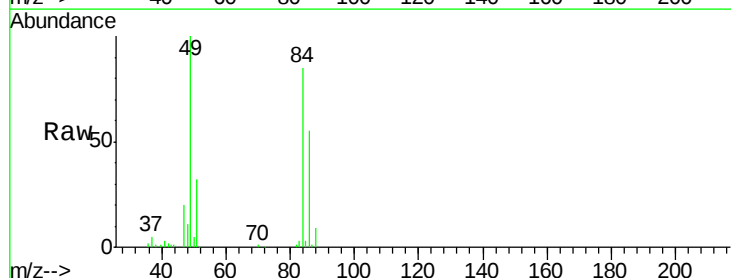
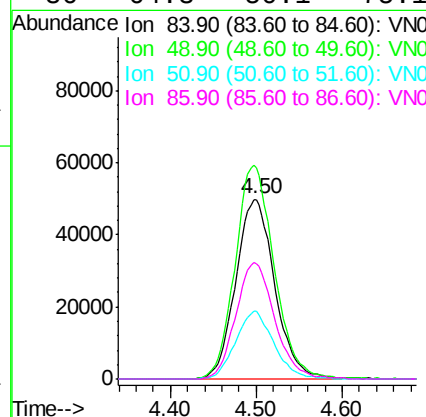
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#20
Methylene Chloride
Concen: 52.847 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	90.6	136.0
51	37.7	27.8	41.8
86	64.3	50.1	75.1





#21

trans-1,2-Dichloroethene

Concen: 46.985 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

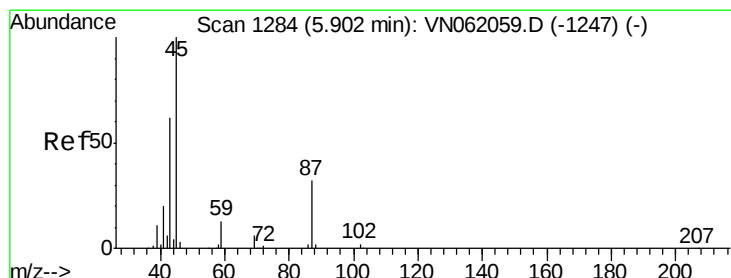
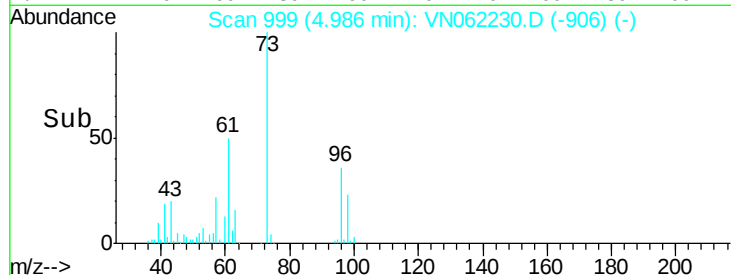
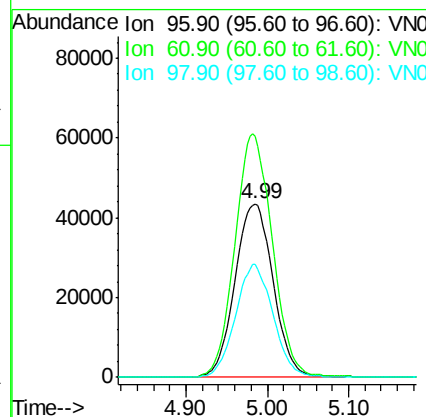
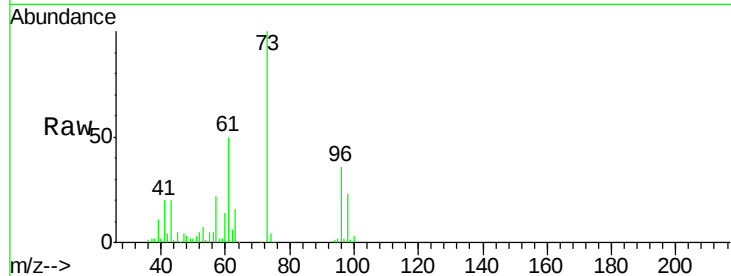
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	141941
Ion	Ratio	Lower	Upper
96	100		
61	138.6	101.4	152.2
98	64.9	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.842 ug/l

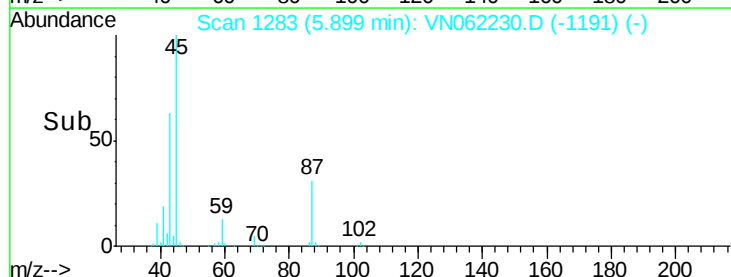
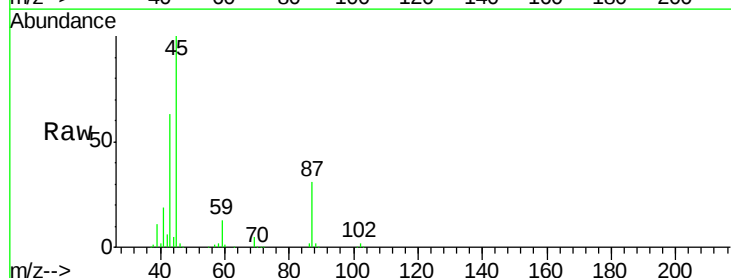
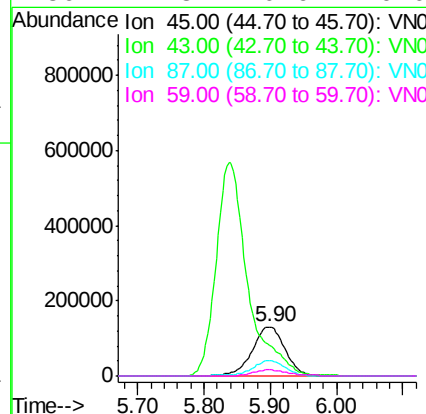
RT: 5.90 min Scan# 1283

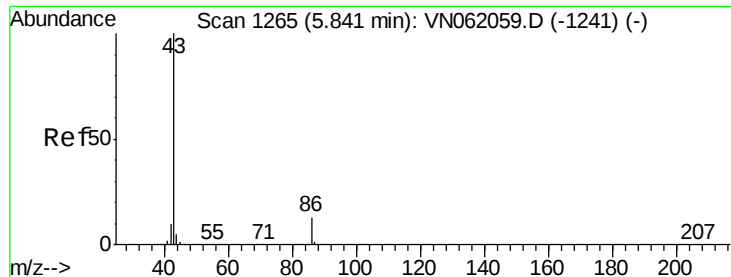
Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion:	45	Resp:	450836
Ion	Ratio	Lower	Upper
45	100		
43	61.7	49.7	74.5
87	30.6	25.9	38.9
59	12.8	10.6	16.0





#23

Vinyl Acetate

Concen: 281.163 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1887088

Ion Ratio Lower Upper

43 100

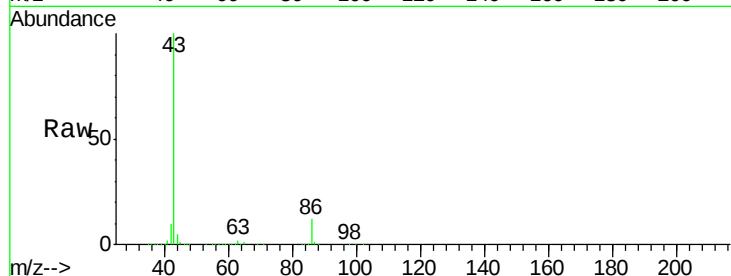
86 11.8 10.1 15.1

Manual Integrations

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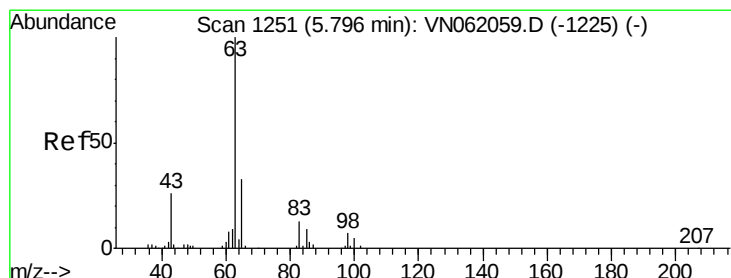
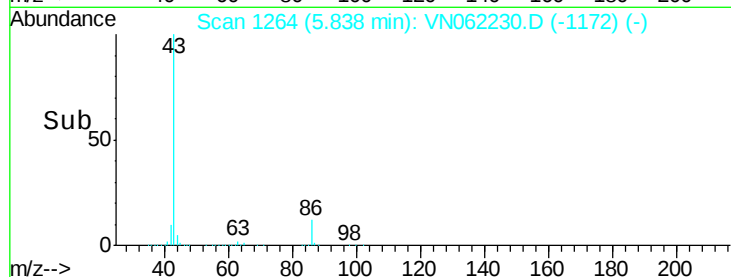
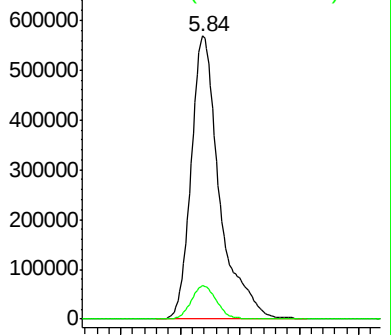
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.343 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

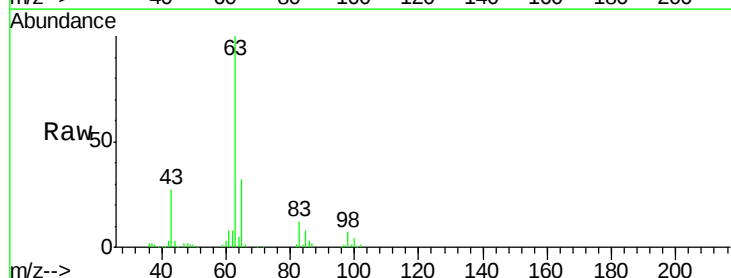
Tgt Ion: 63 Resp: 271794

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

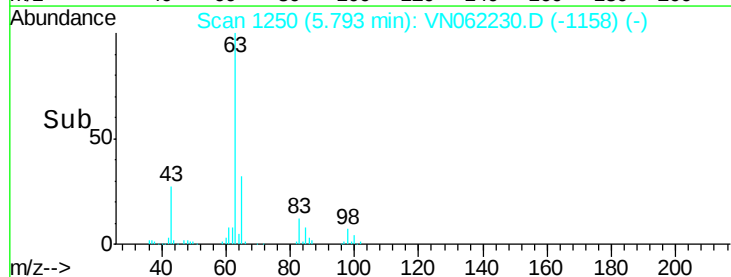
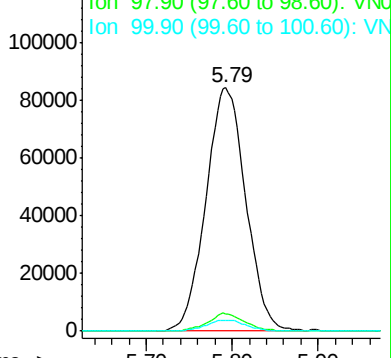
100 4.2 2.4 7.1

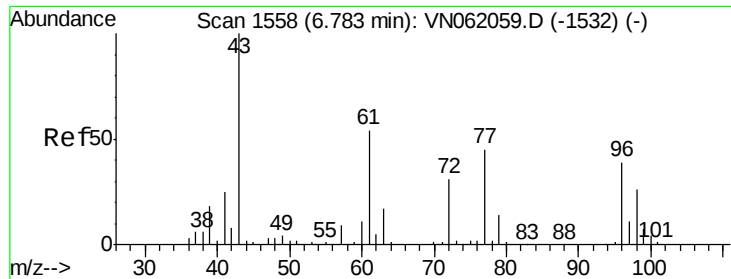


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 279.636 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 442986

Ion Ratio Lower Upper

43 100

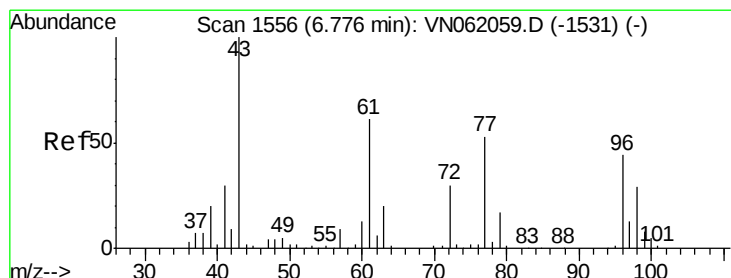
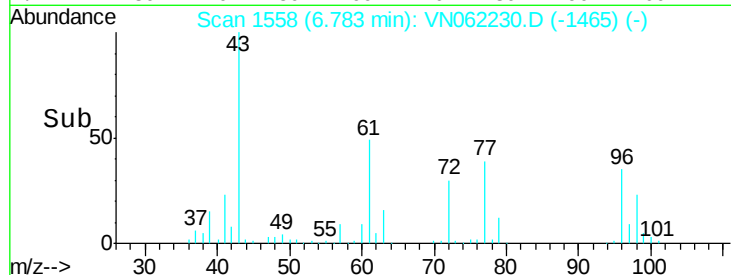
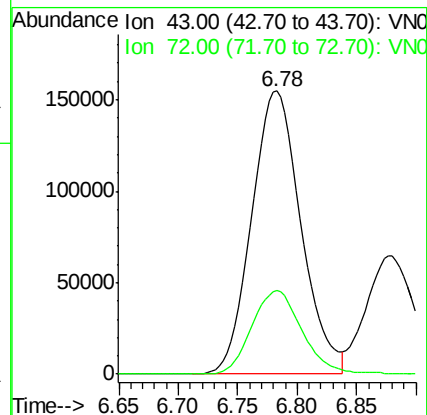
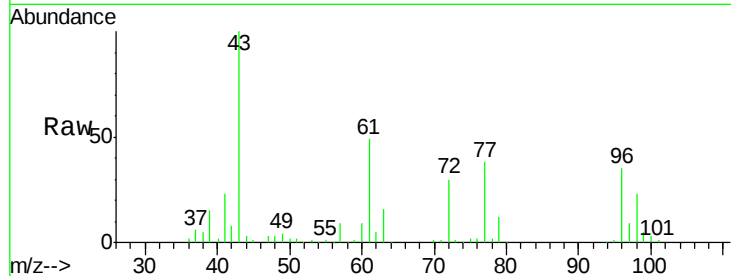
72 29.7 24.8 37.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.458 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062230.D

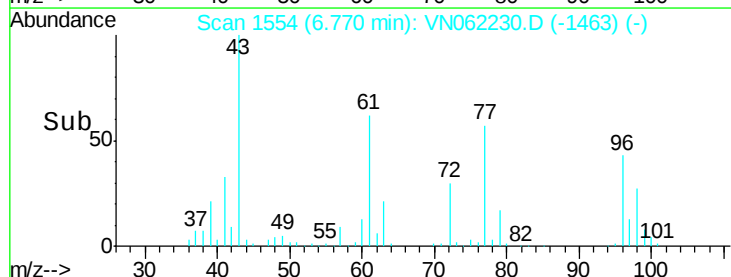
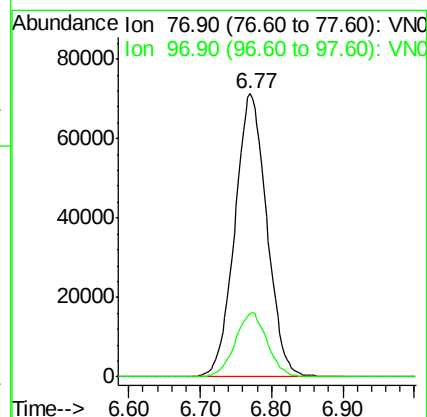
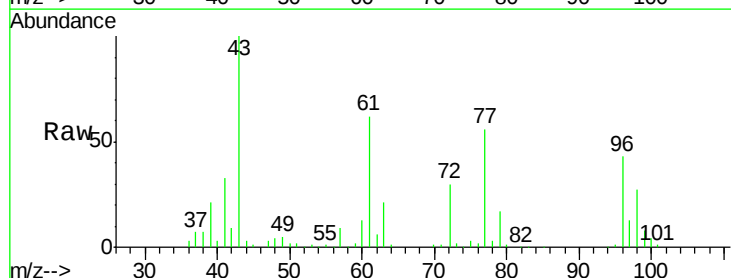
Acq: 30 Jun 2020 10:53

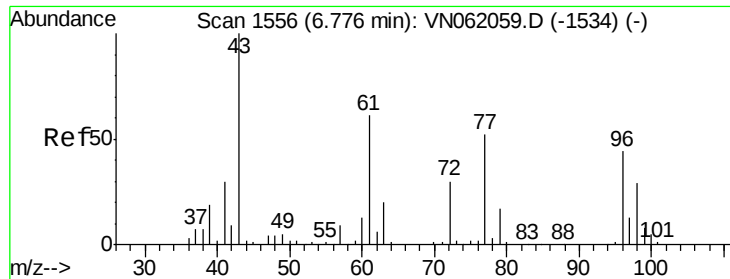
Tgt Ion: 77 Resp: 222583

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.807 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

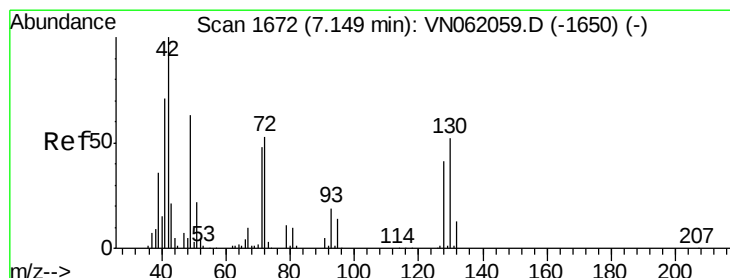
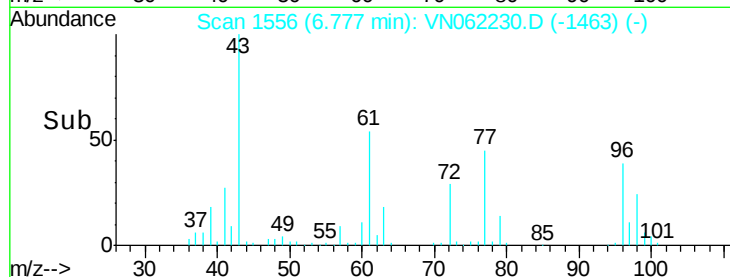
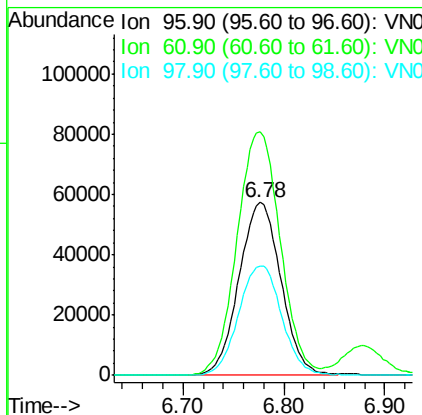
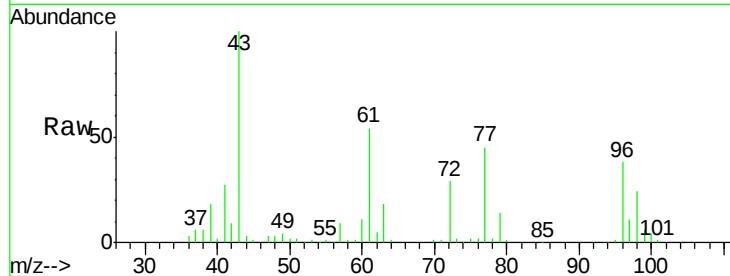
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	165914
Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	280.4
98	64.9	0.0	129.4

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#28

Bromochloromethane

Concen: 50.058 ug/l

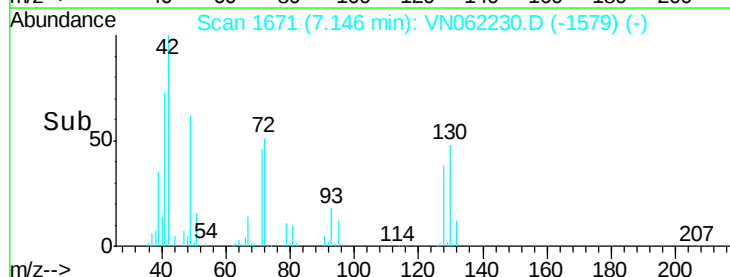
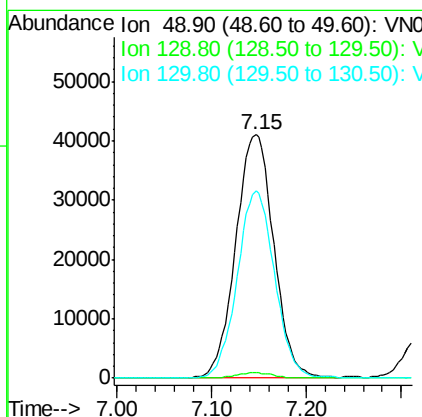
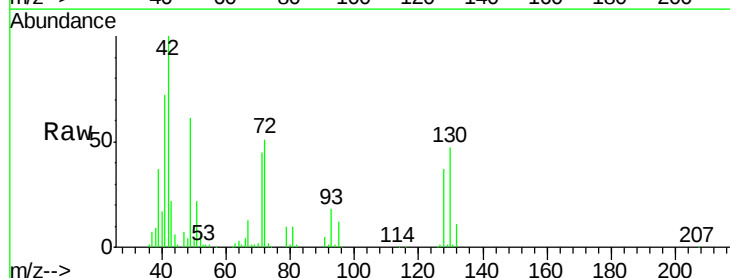
RT: 7.15 min Scan# 1671

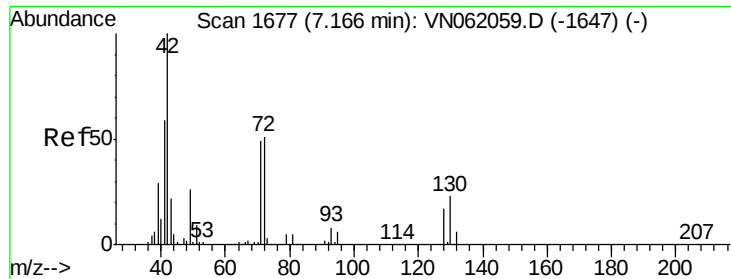
Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion:	49	Resp:	114973
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	75.3	65.5	98.3





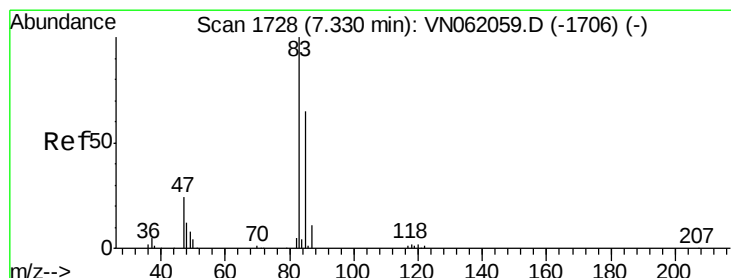
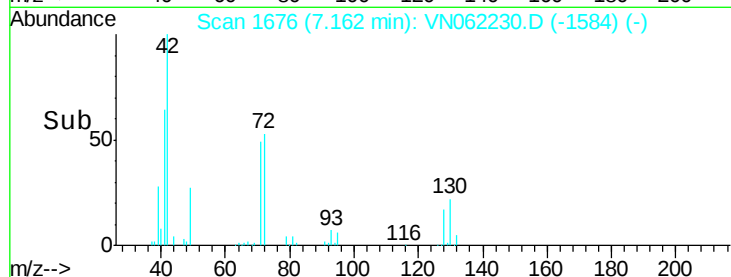
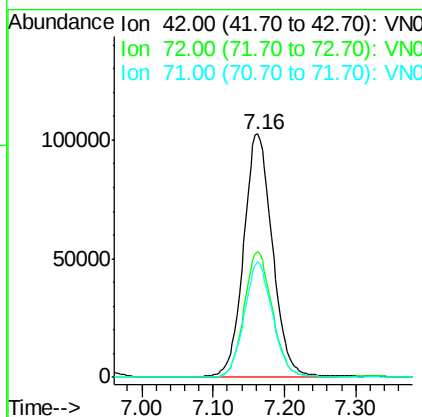
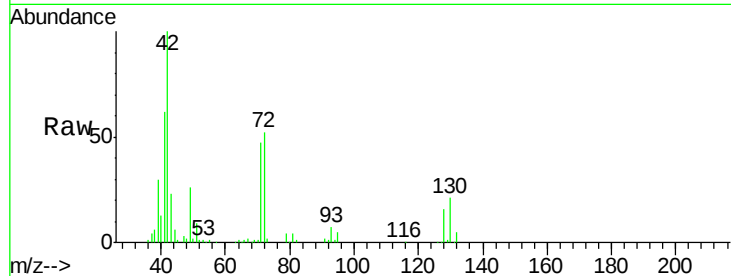
#29
Tetrahydrofuran
Concen: 279.112 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	41.1	61.7
71	46.1	38.2	57.4

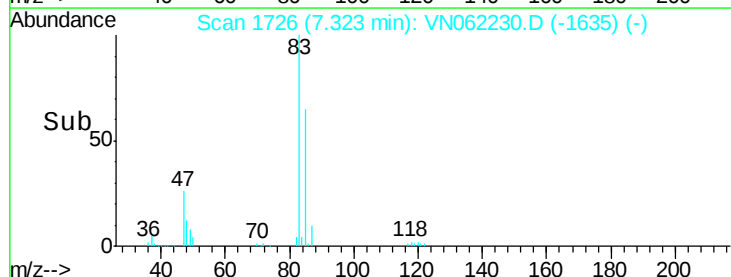
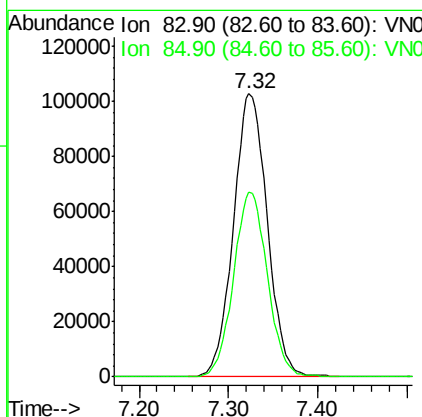
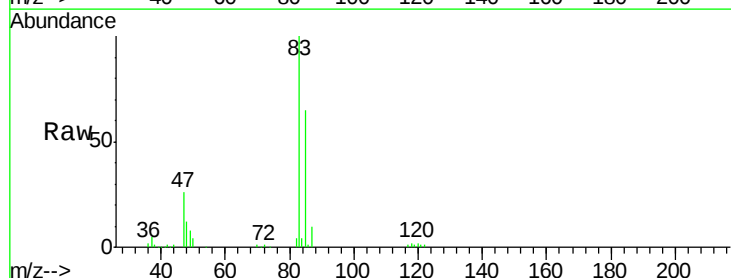
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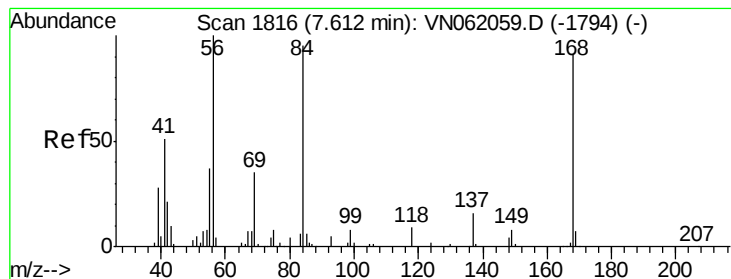
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#30
Chloroform
Concen: 50.282 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.3	78.5





#31

Cyclohexane

Concen: 49.461 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

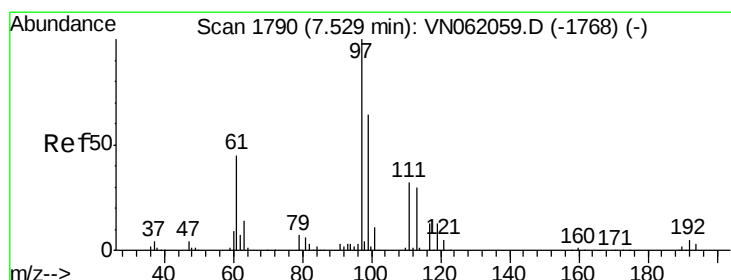
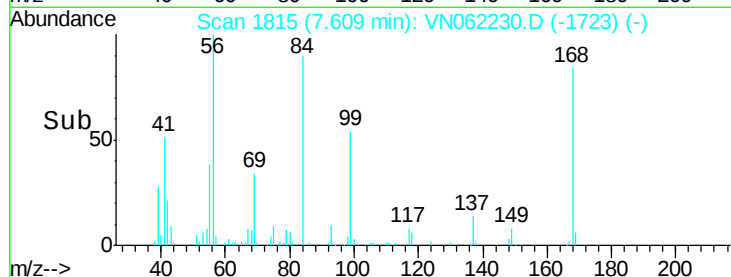
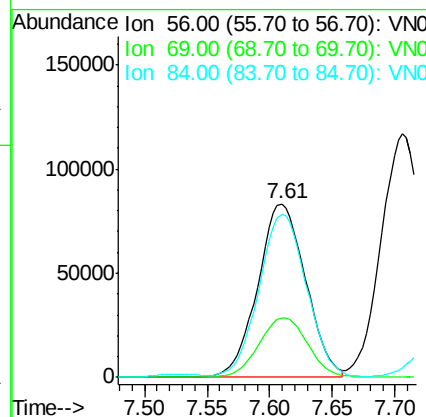
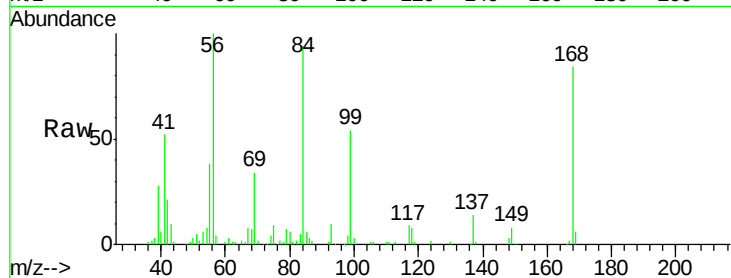
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	221472
Ion Ratio	Lower	Upper	
56	100		
69	34.2	28.0	42.0
84	92.4	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 49.305 ug/l

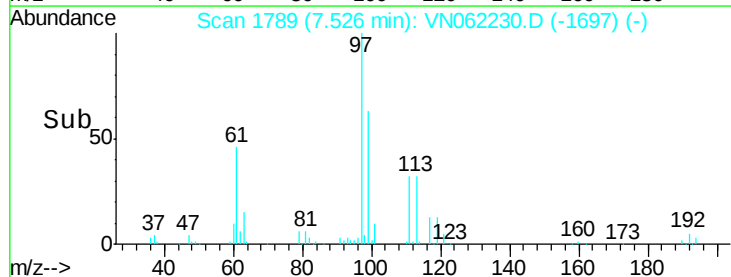
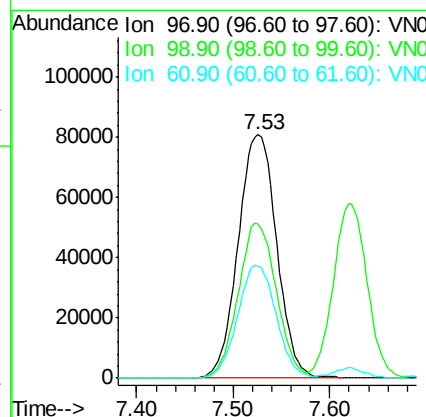
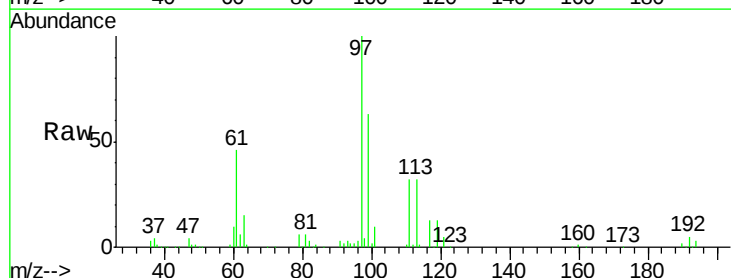
RT: 7.53 min Scan# 1789

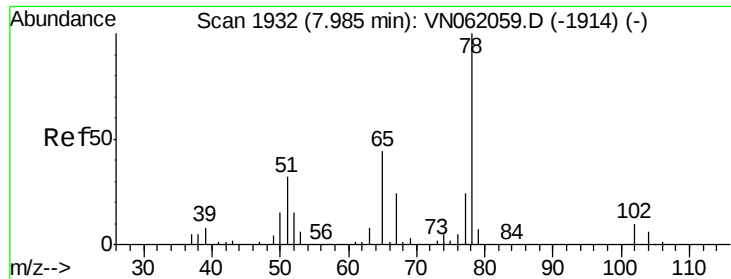
Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion:	97	Resp:	223947
Ion Ratio	Lower	Upper	
97	100		
99	63.0	51.0	76.4
61	46.4	36.2	54.2





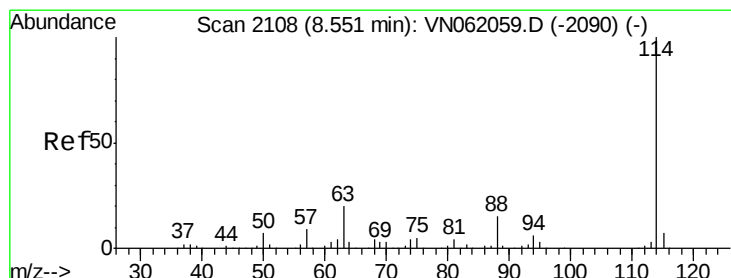
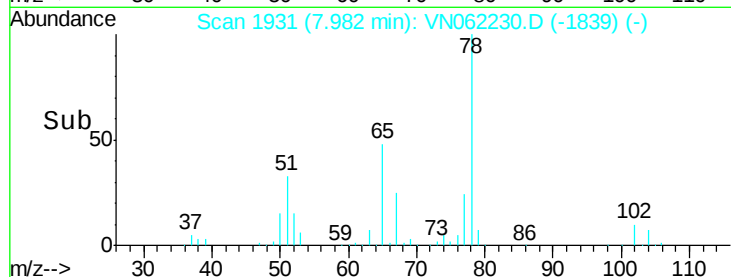
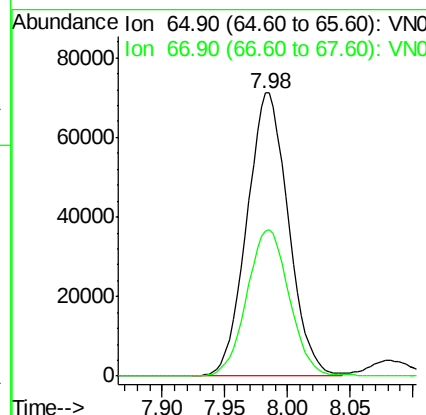
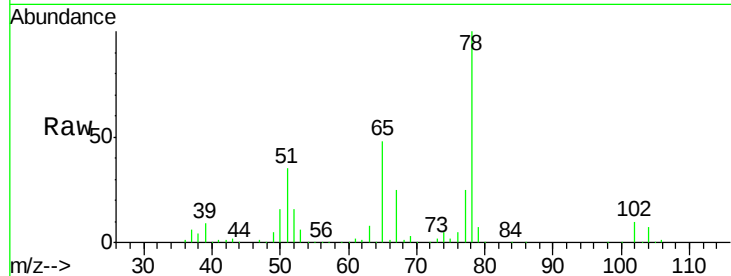
#33
 1,2-Dichloroethane-d4
 Concen: 50.676 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	164240		
67	52.8	0.0	106.2	

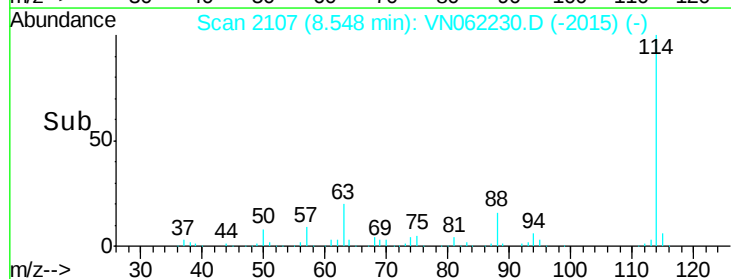
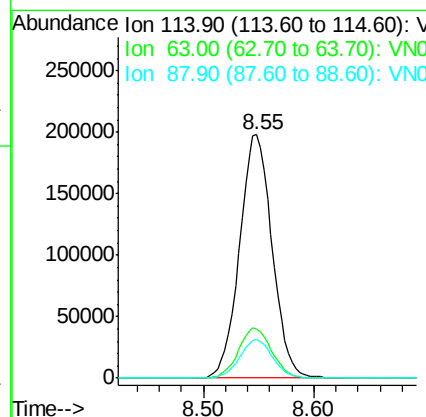
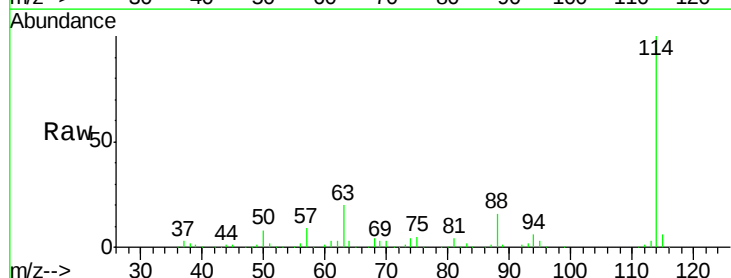
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	404545		
63	20.4	0.0	39.2	
88	15.8	0.0	30.8	





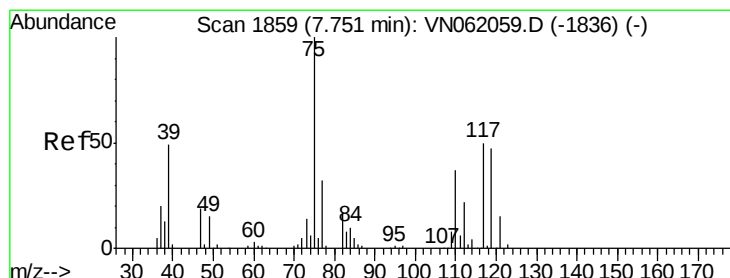
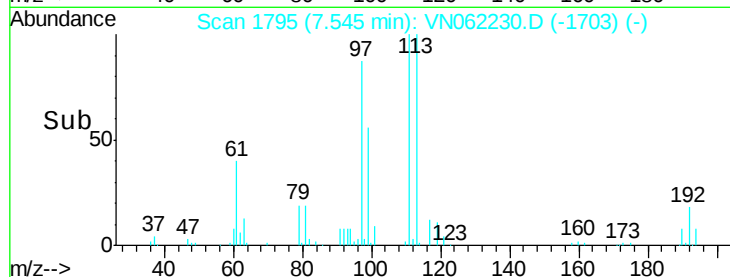
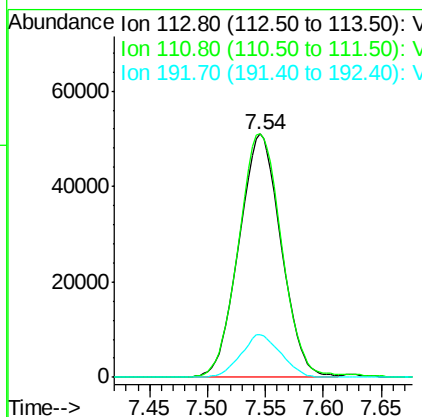
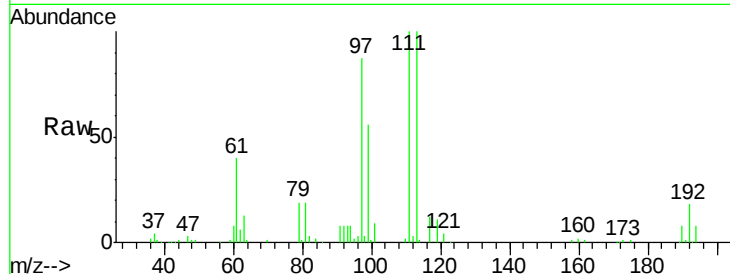
#35
 Dibromofluoromethane
 Concen: 49.573 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128660		
111	102.5	82.2	123.4	
192	16.7	14.0	21.0	

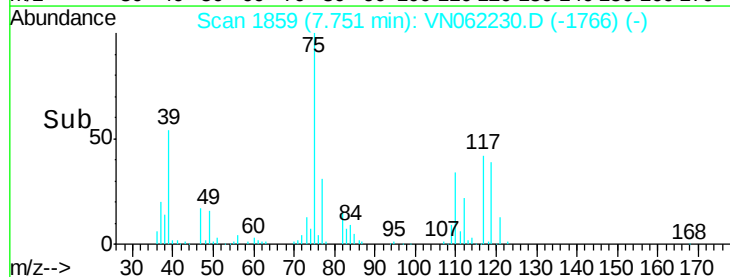
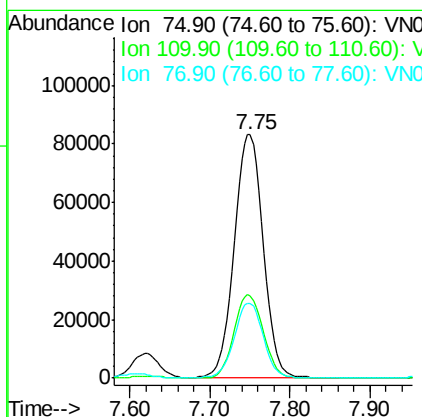
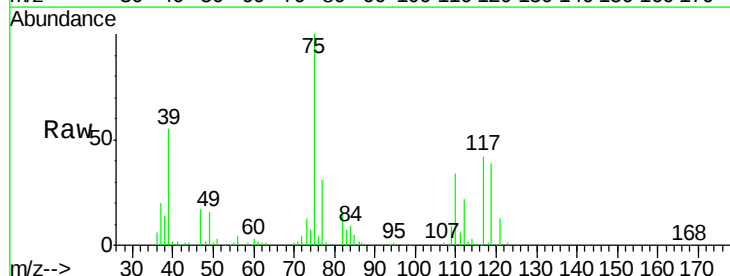
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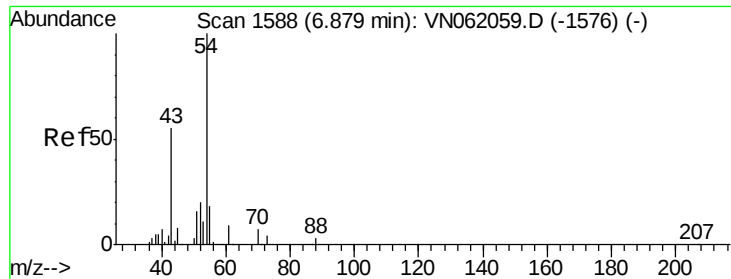
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#36
 1,1-Dichloropropene
 Concen: 49.667 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	201961		
110	34.5	17.9	53.8	
77	31.1	24.9	37.3	





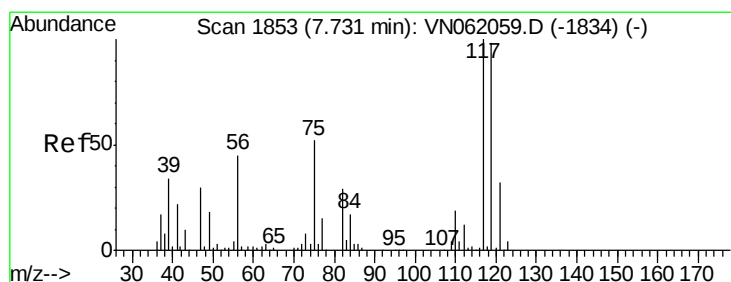
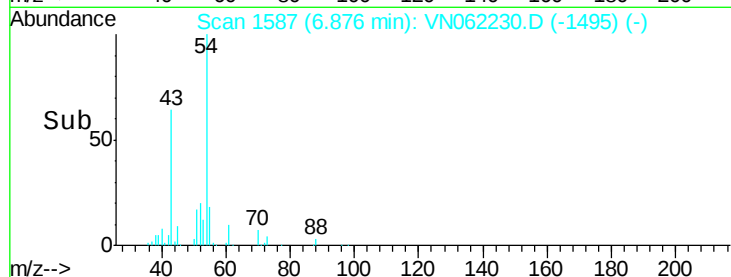
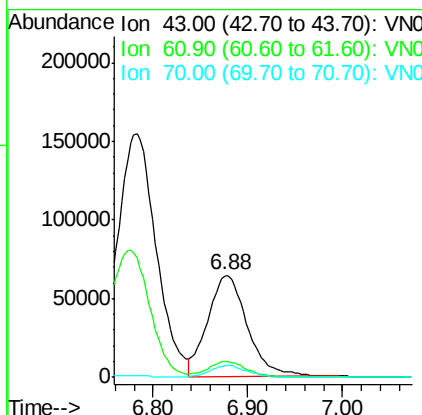
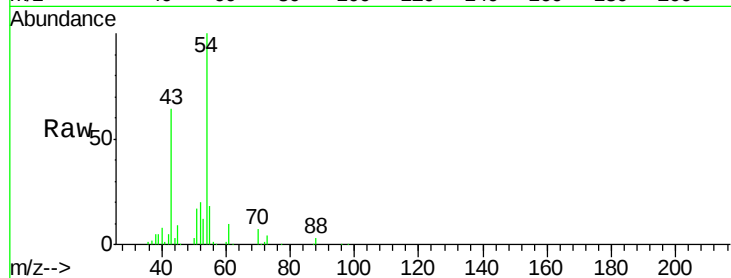
#37
Ethyl Acetate
Concen: 55.617 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.0	18.0
70	10.9	9.6	14.4

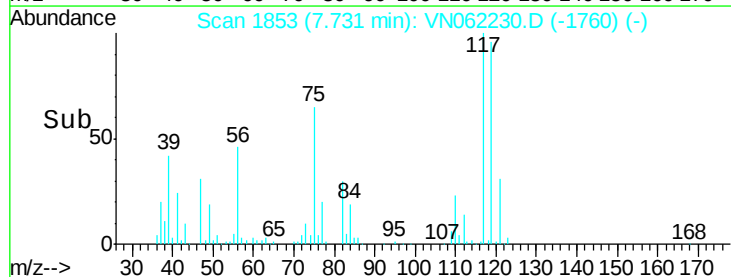
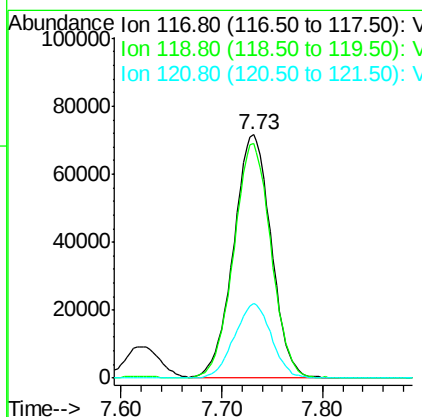
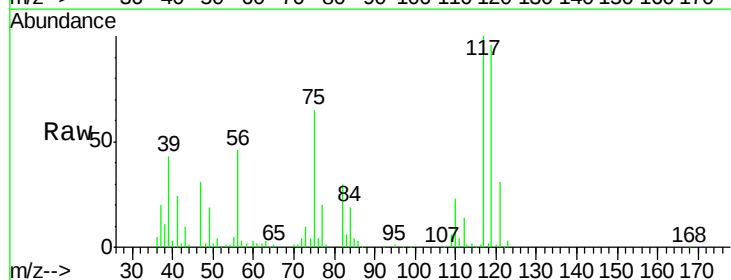
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#38
Carbon Tetrachloride
Concen: 48.350 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.2
121	30.8	25.8	38.6





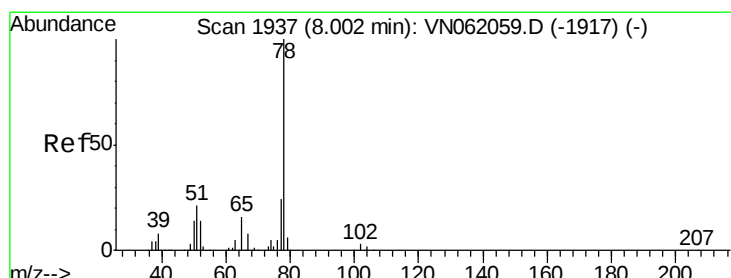
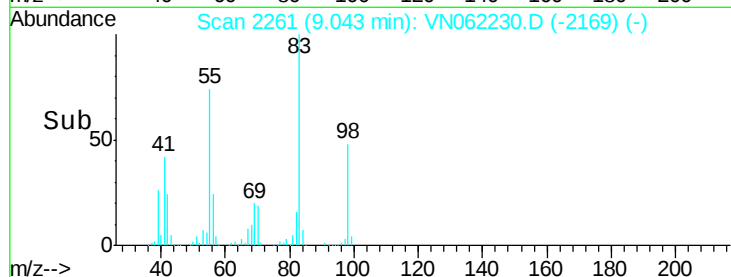
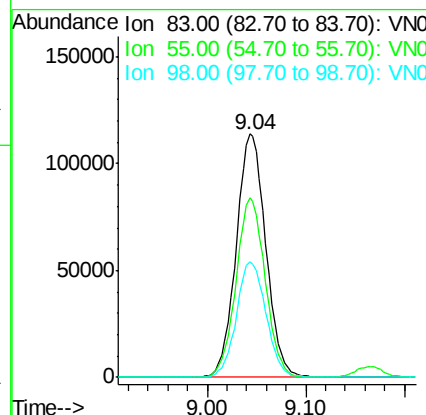
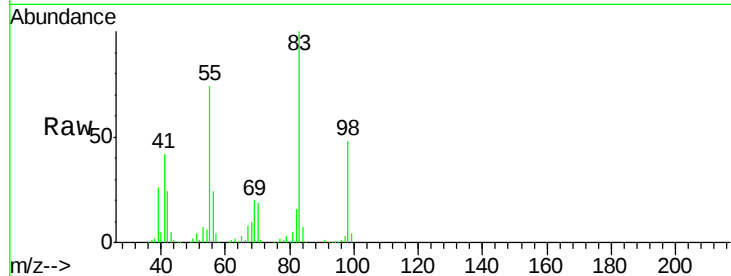
#39
Methvlcvclohexane
Concen: 53.233 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	57.0	85.6
98	47.6	39.0	58.6

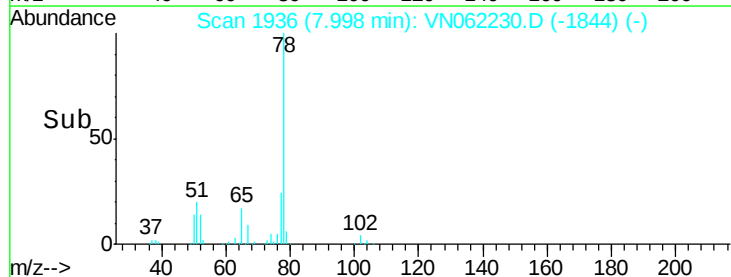
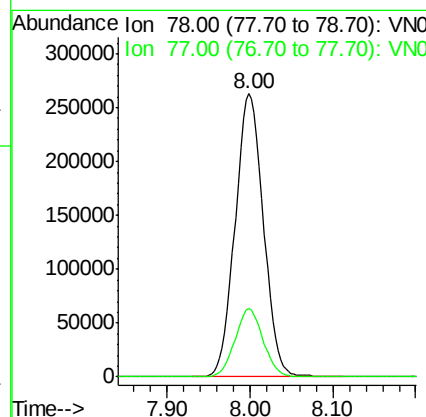
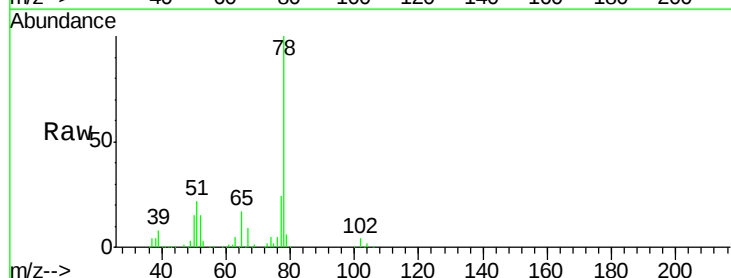
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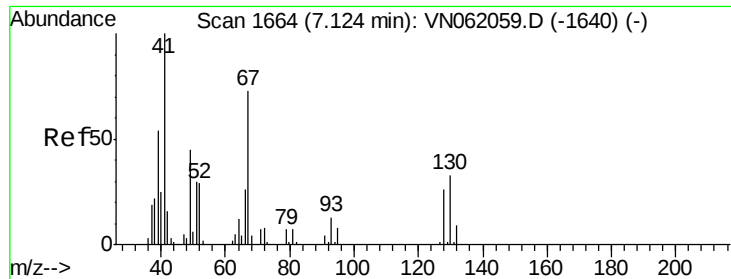
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#40
Benzene
Concen: 50.426 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3





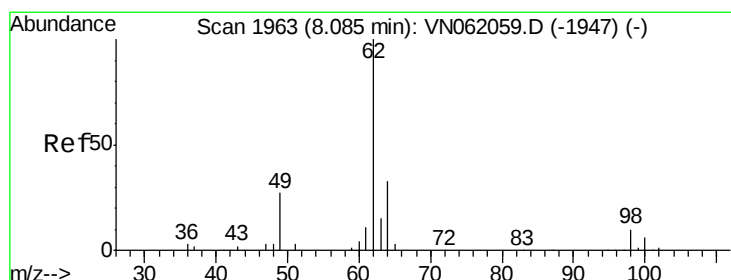
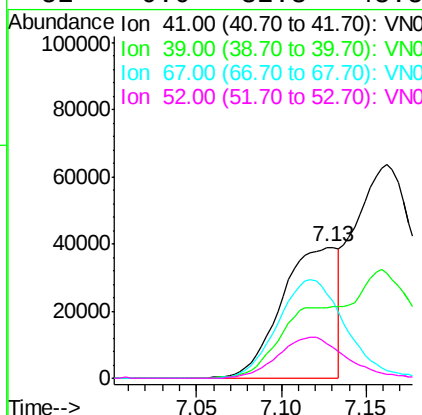
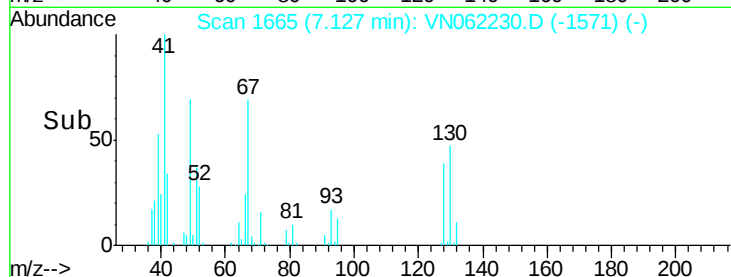
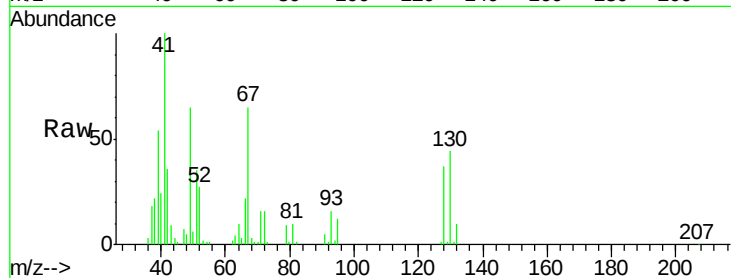
#41
Methacrylonitrile
Concen: 57.476 ug/l m
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	82.1	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

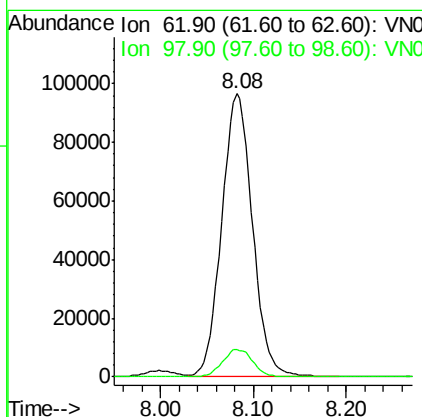
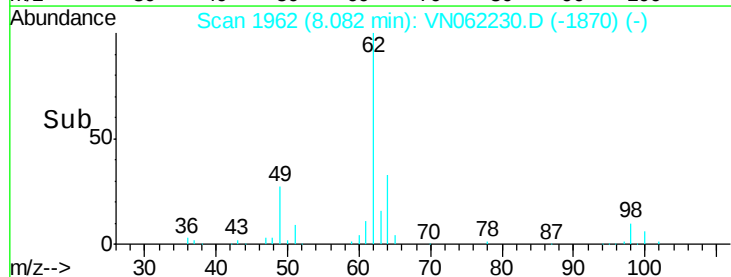
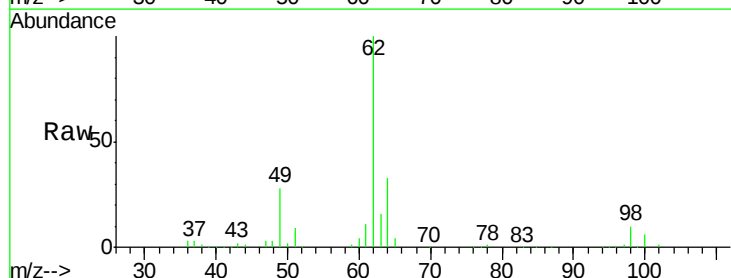
Manual Integrations
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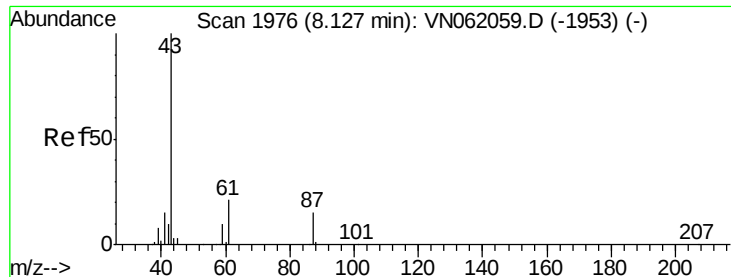
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#42
1,2-Dichloroethane
Concen: 52.872 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 56.434 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

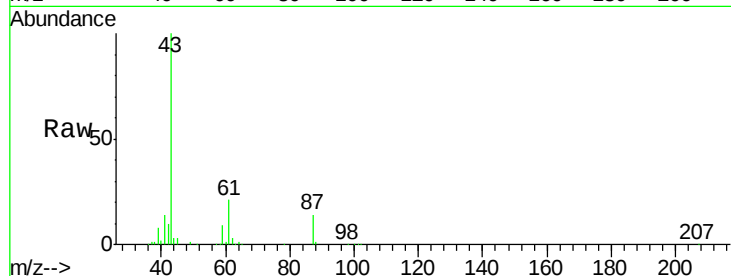
ClientSampleId :

VSTDCCC050

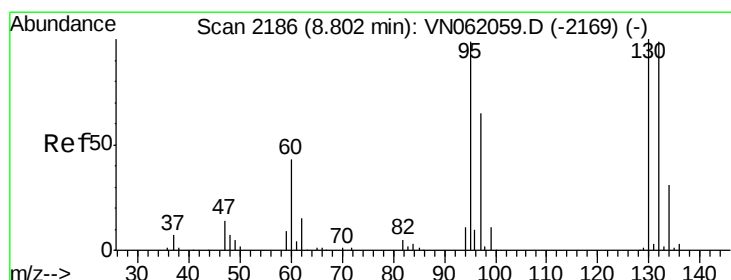
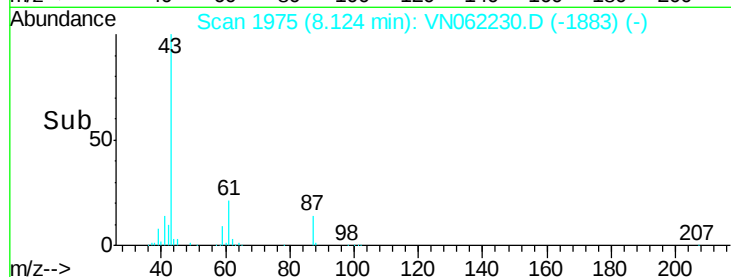
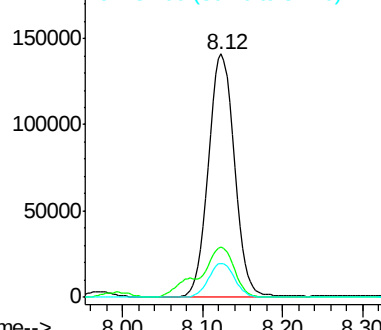
Tot Ion:	43	Resp:	309759
Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.2	25.8
87	14.0	12.1	18.1

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Abundance Ion 43.00 (42.70 to 43.70): VN062230.D (-1883) (-)



#44

Trichloroethene

Concen: 46.774 ug/l

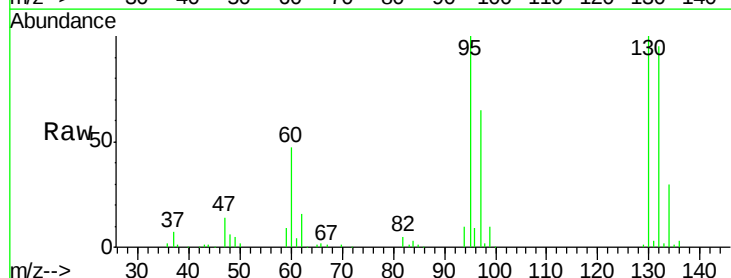
RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

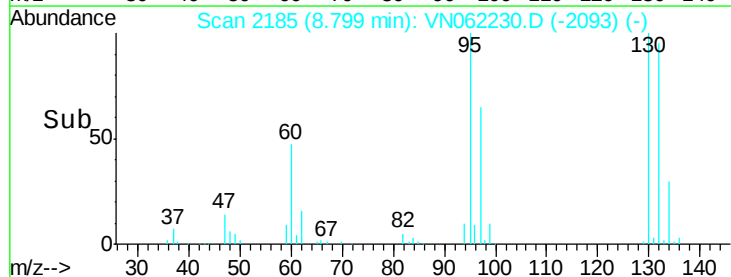
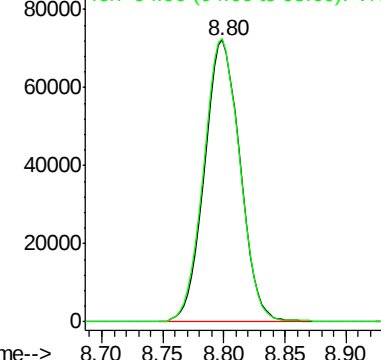
Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion:	130	Resp:	146235
Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062230.D (-2093) (-)





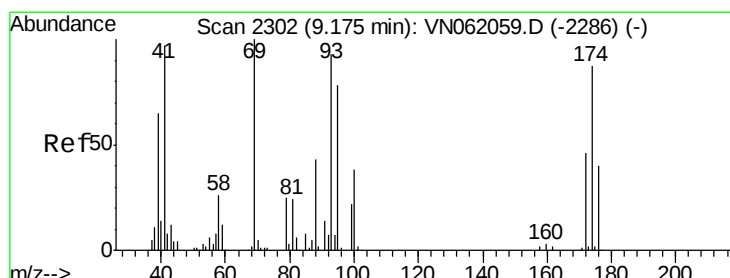
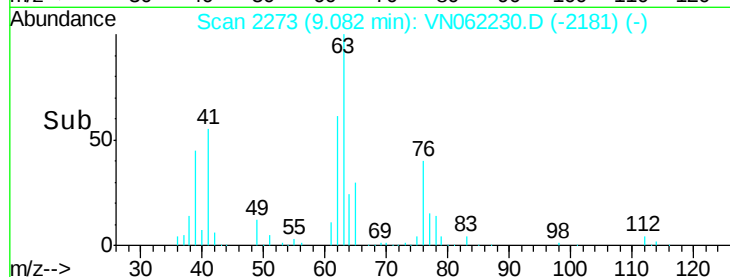
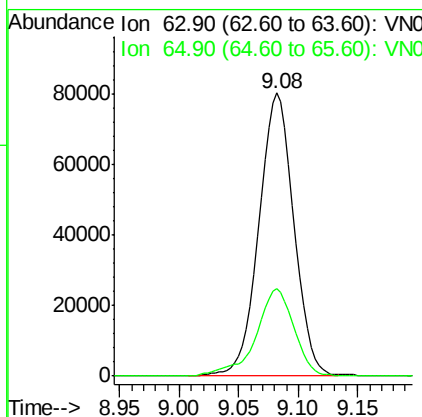
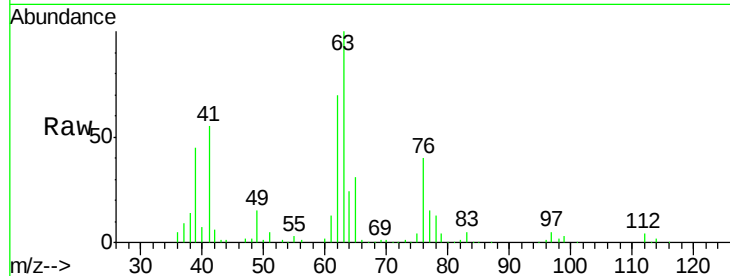
#45
 1,2-Dichloropropane
 Concen: 53.395 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 163262
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4

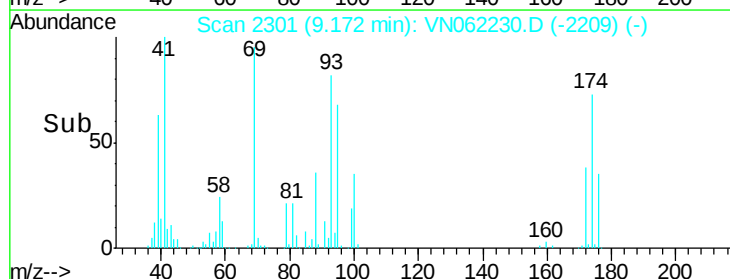
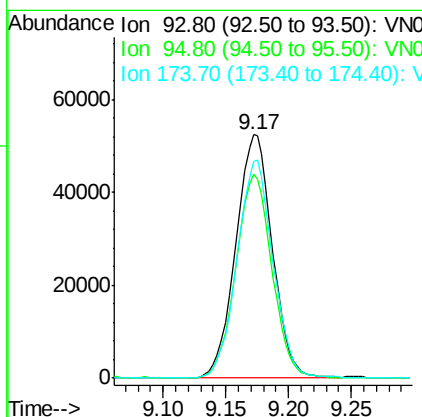
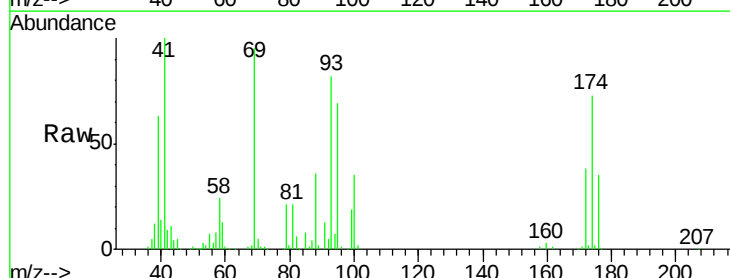
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#46
 Dibromomethane
 Concen: 51.235 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion: 93 Resp: 106214
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.0 100.6
 174 88.3 74.4 111.6





#47

Bromodichloromethane

Concen: 52.716 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

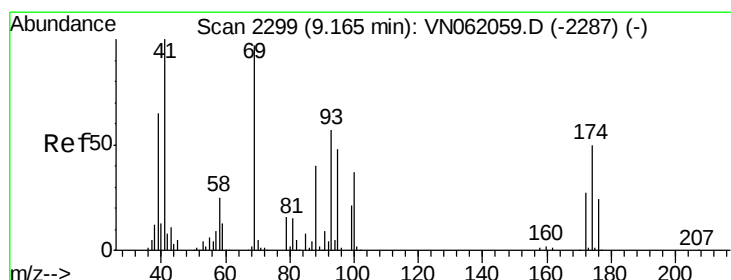
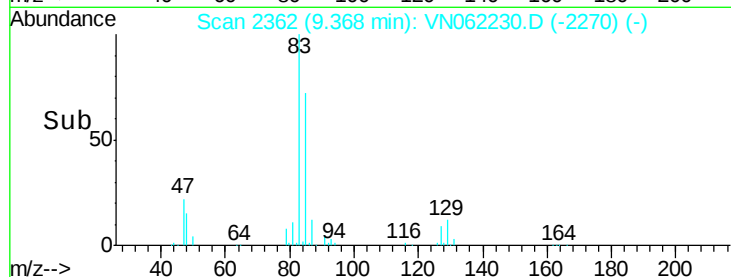
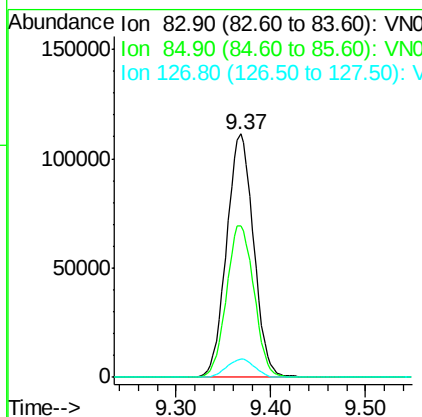
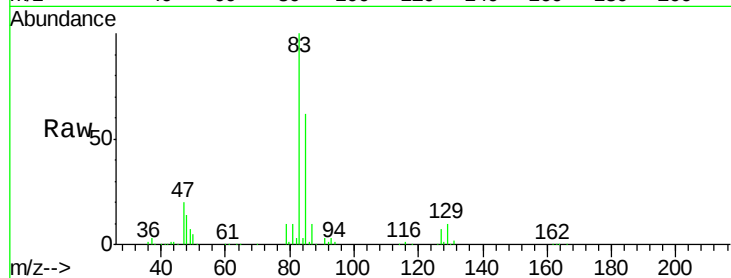
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	220661
Ion Ratio	Lower	Upper	
83	100		
85	62.4	50.3	75.5
127	7.5	6.9	10.3

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#48

Methyl methacrylate

Concen: 57.413 ug/l

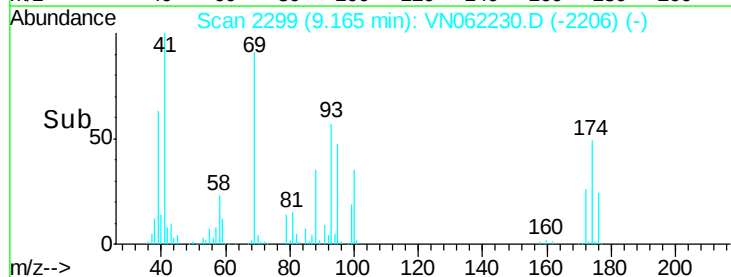
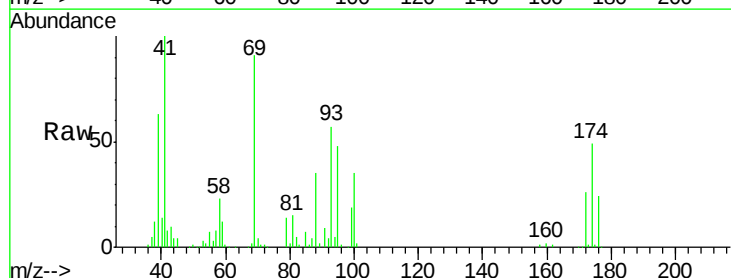
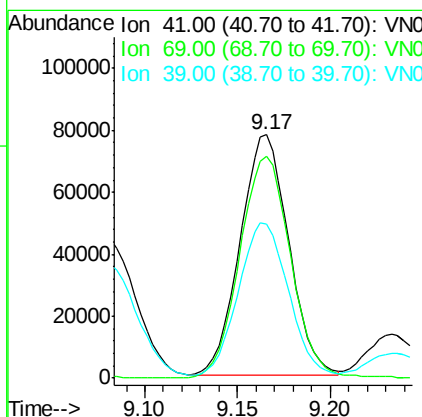
RT: 9.17 min Scan# 2299

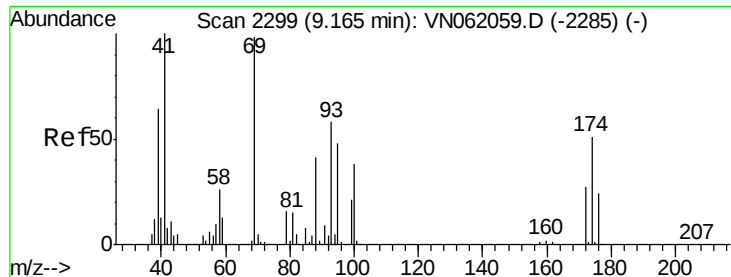
Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion:	41	Resp:	141299
Ion Ratio	Lower	Upper	
41	100		
69	97.0	80.7	121.1
39	66.4	54.5	81.7





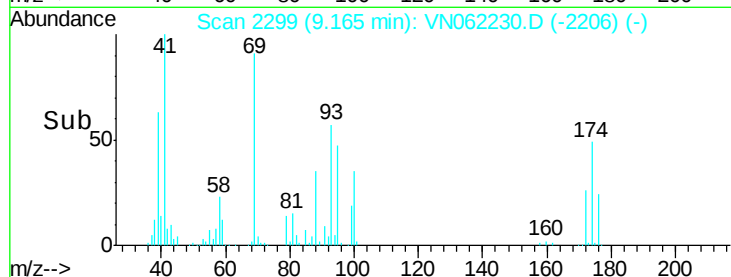
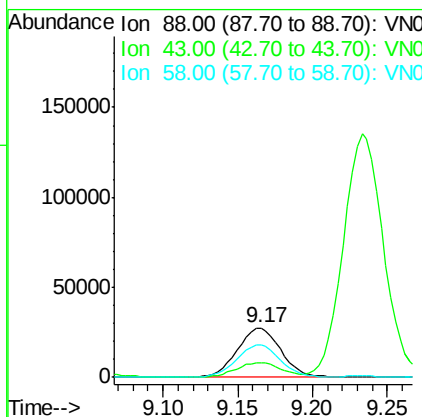
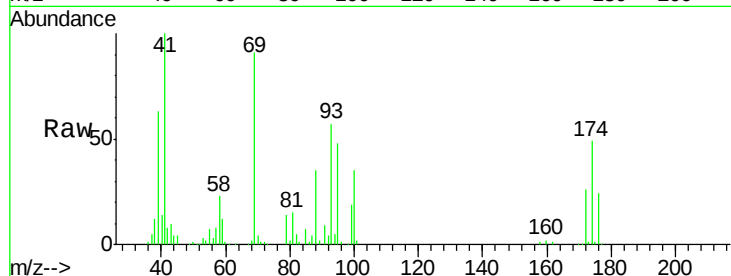
#49
1,4-Dioxane
Concen: 1017.507 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	22.0	33.0
58	67.0	49.2	73.8

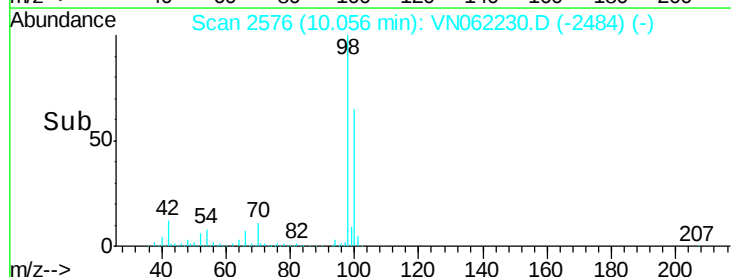
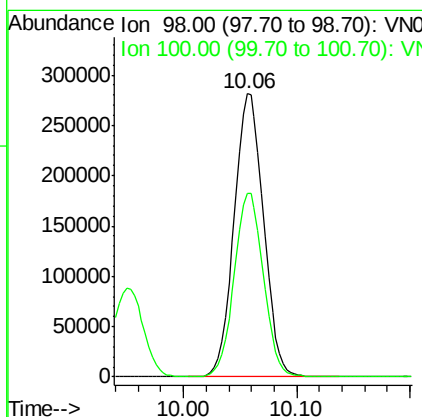
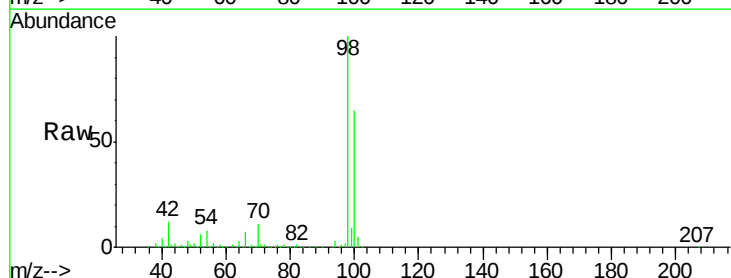
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#50
Toluene-d8
Concen: 49.258 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 291.116 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 933593

Ion Ratio Lower Upper

43 100

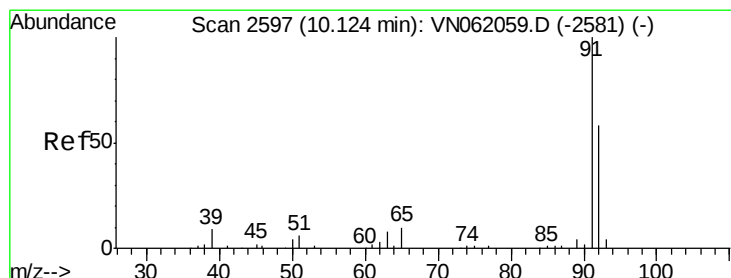
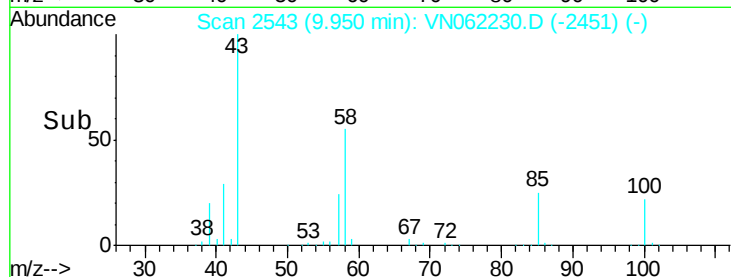
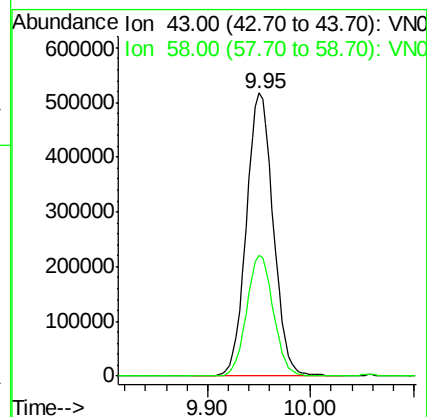
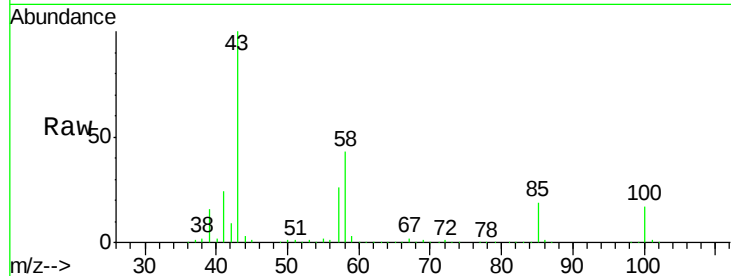
58 42.5 34.2 51.2

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#52

Toluene

Concen: 51.371 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062230.D

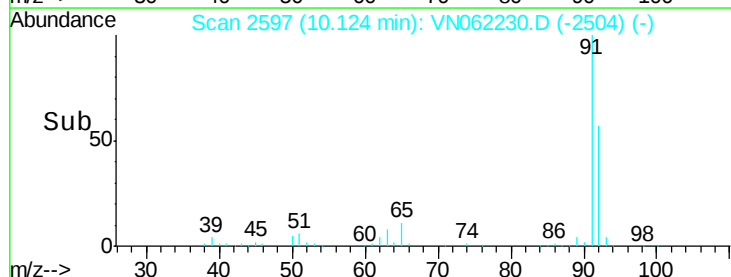
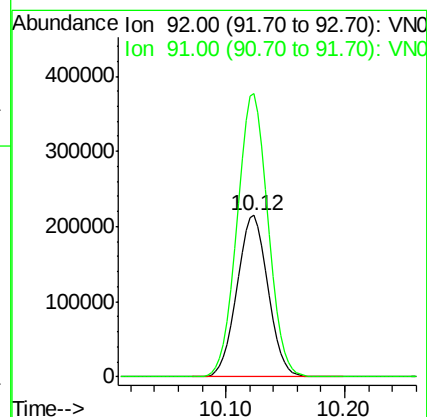
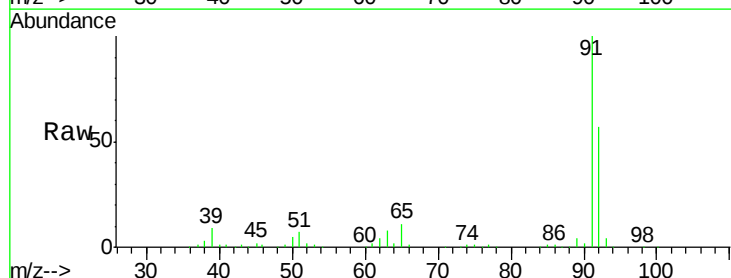
Acq: 30 Jun 2020 10:53

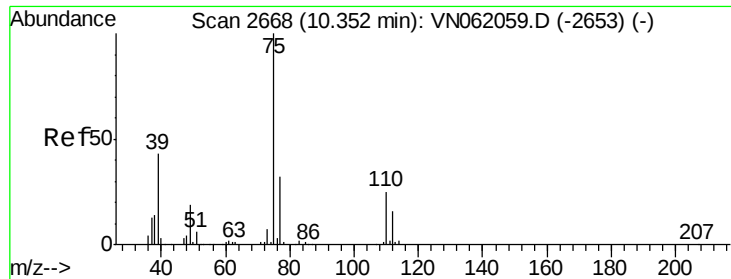
Tgt Ion: 92 Resp: 388474

Ion Ratio Lower Upper

92 100

91 174.9 137.4 206.0





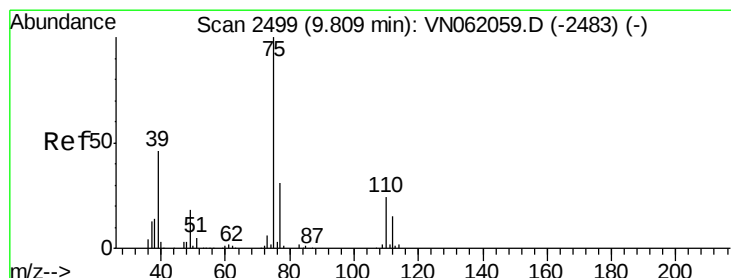
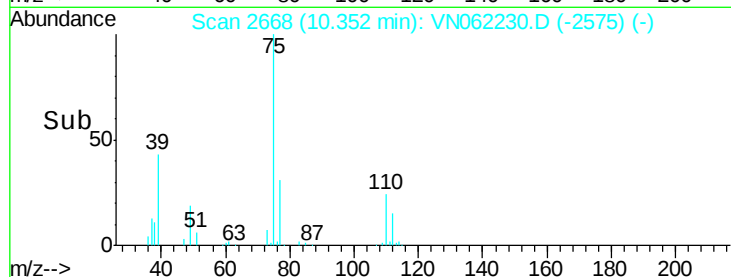
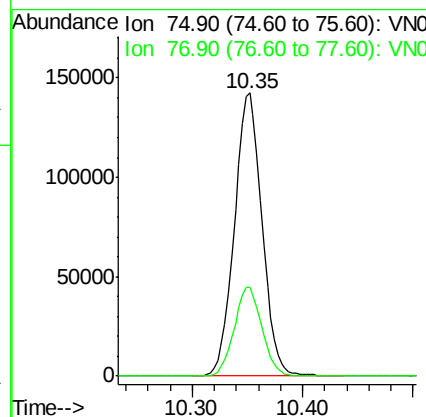
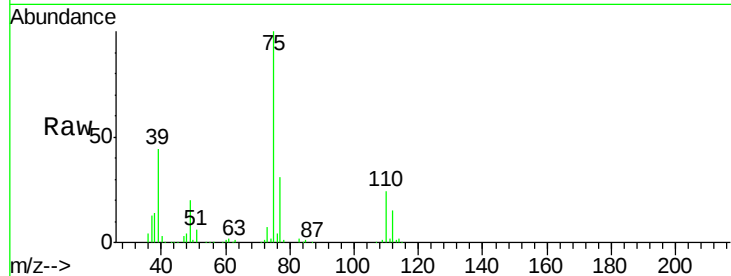
#53
t-1,3-Dichloropropene
Concen: 53.711 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3

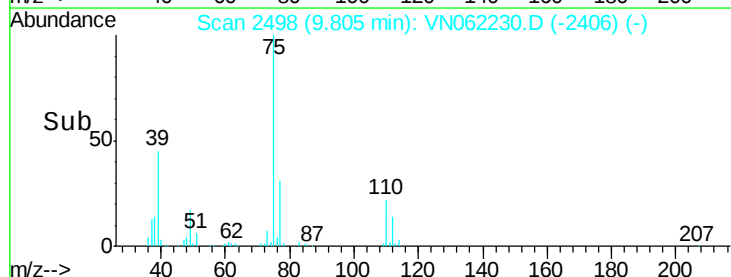
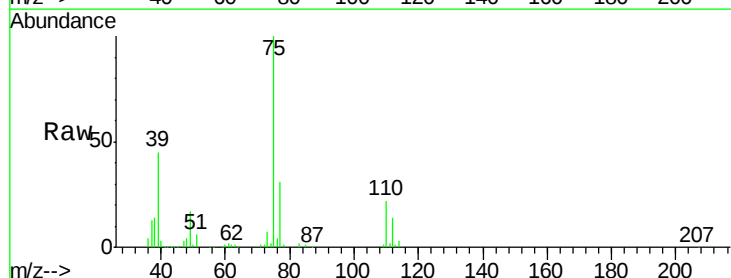
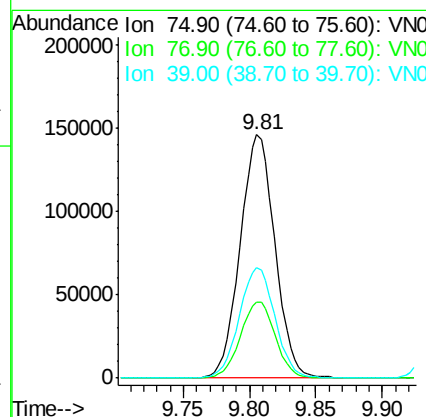
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#54
cis-1,3-Dichloropropene
Concen: 54.360 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.6
39	45.2	36.9	55.3





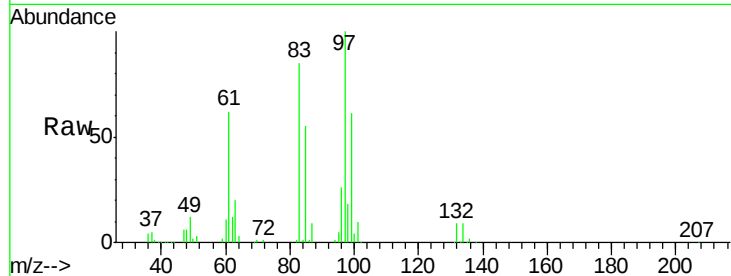
#55
 1,1,2-Trichloroethane
 Concen: 53.153 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	158002
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.2	102.2
85	54.6	43.2	64.8
99	61.4	48.5	72.7

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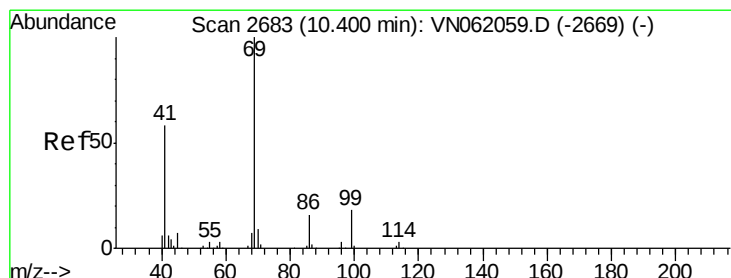
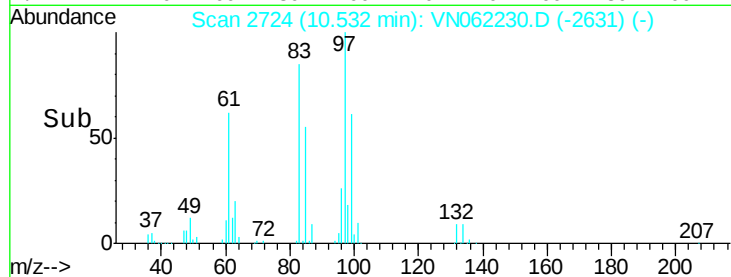
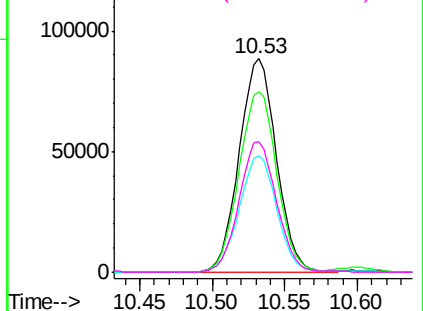


Abundance Ion 96.90 (96.60 to 97.60): VN062230.D (-2631) (-)

Ion 82.90 (82.60 to 83.60): VN062230.D (-2631) (-)

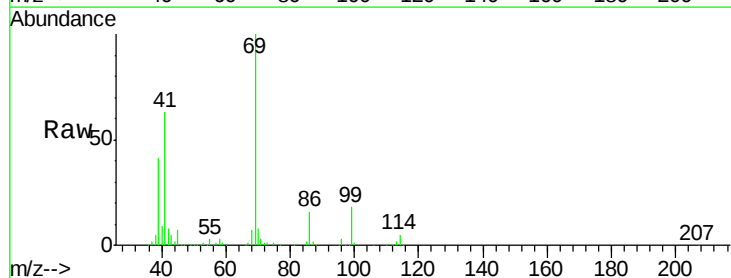
Ion 84.90 (84.60 to 85.60): VN062230.D (-2631) (-)

Ion 98.90 (98.60 to 99.60): VN062230.D (-2631) (-)



#56
 Ethyl methacrylate
 Concen: 57.582 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

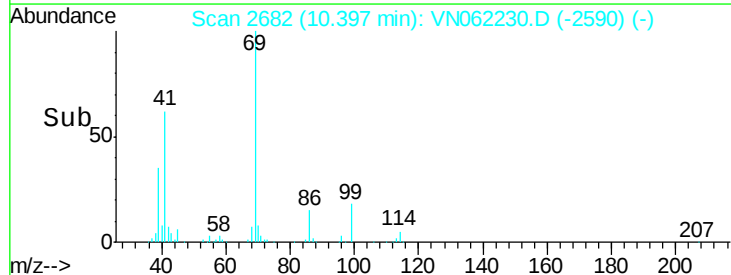
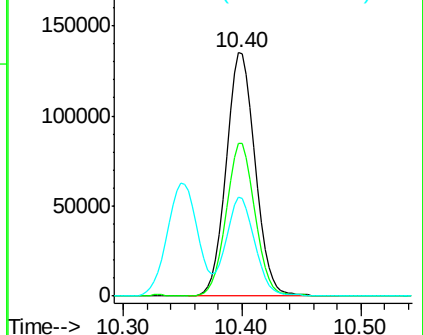
Tgt Ion:	69	Resp:	228431
Ion	Ratio	Lower	Upper
69	100		
41	61.7	46.6	70.0
39	40.2	31.0	46.4

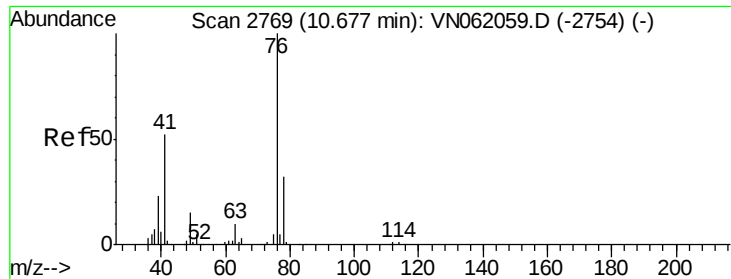


Abundance Ion 69.00 (68.70 to 69.70): VN062230.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN062230.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN062230.D (-2590) (-)





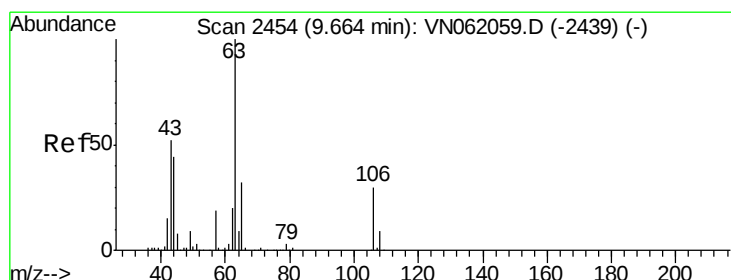
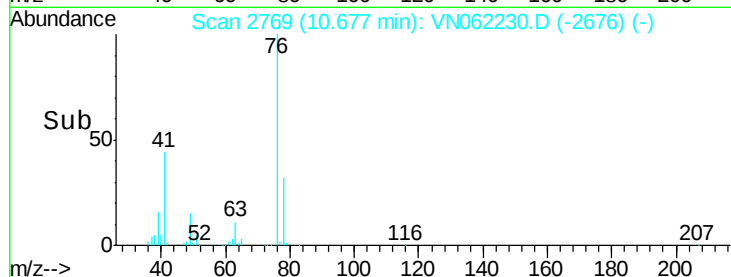
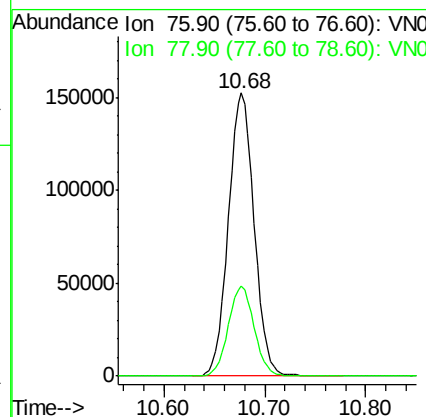
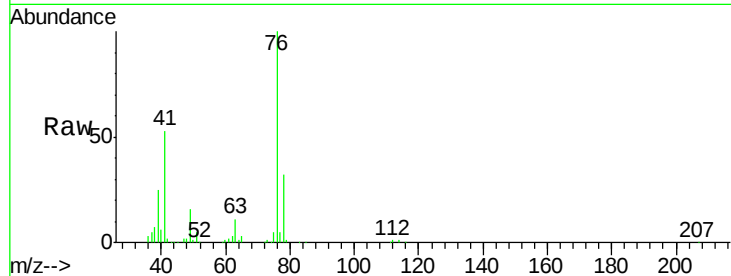
#57
 1,3-Dichloropropane
 Concen: 53.102 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

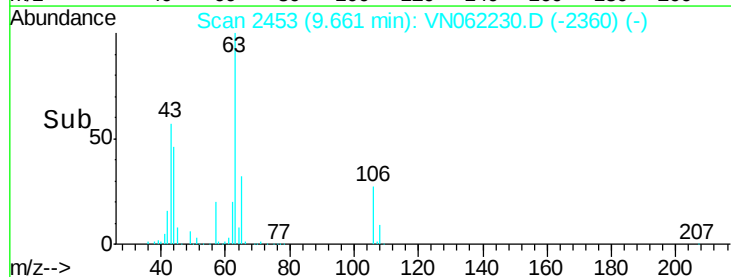
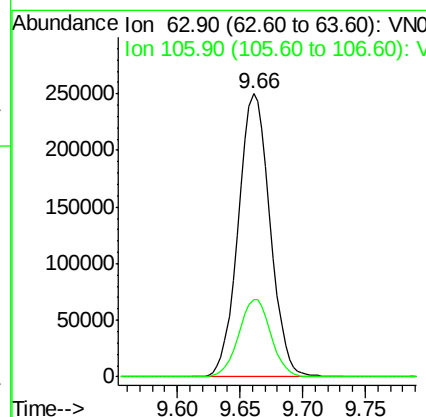
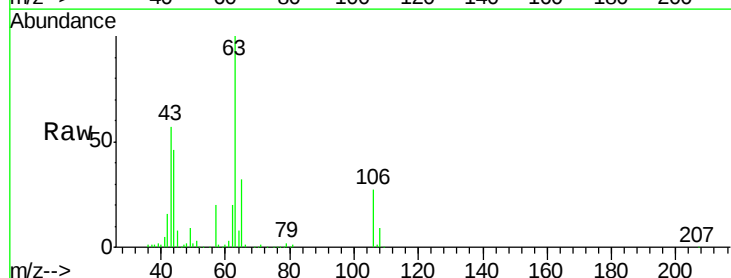
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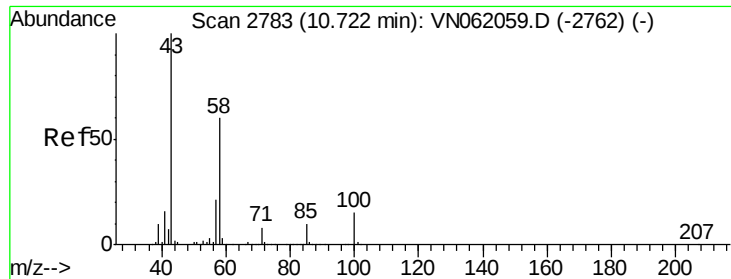
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#58
 2-Chloroethyl Vinyl ether
 Concen: 260.191 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	23.2	34.8





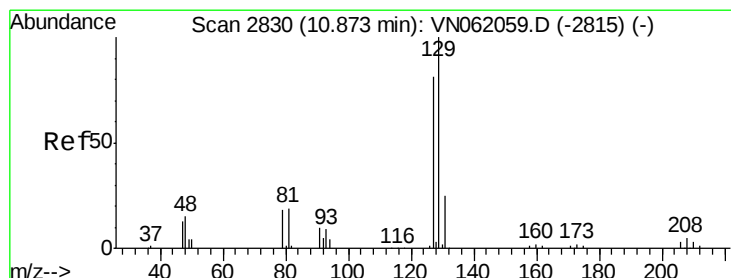
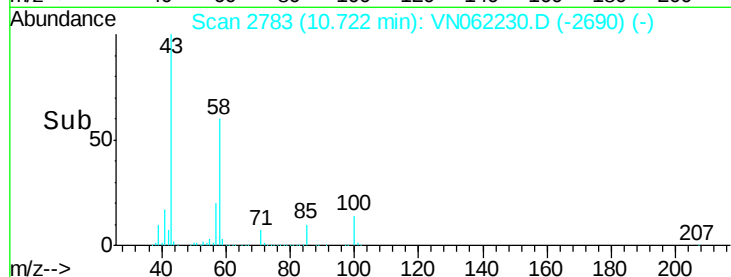
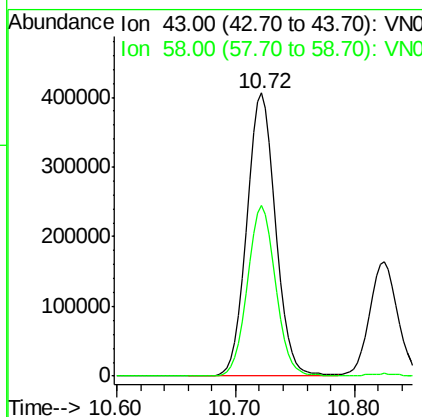
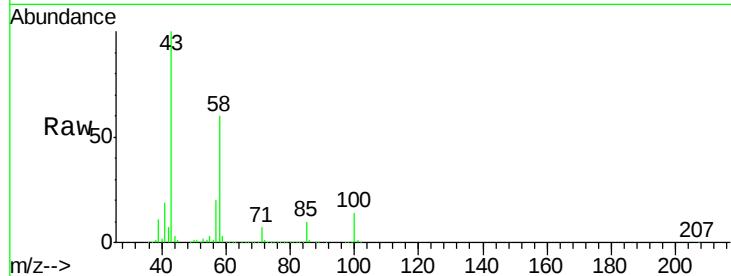
#59
2-Hexanone
Concen: 293.348 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 679315
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5

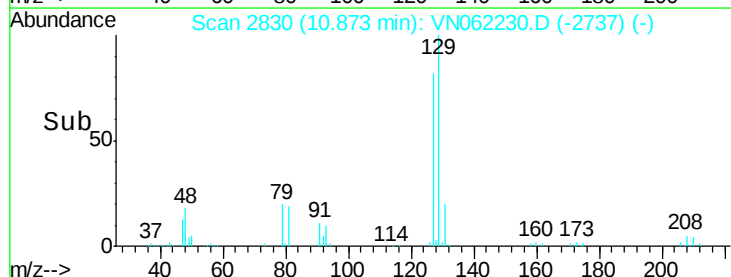
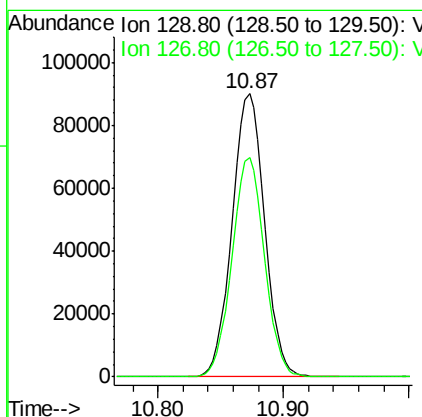
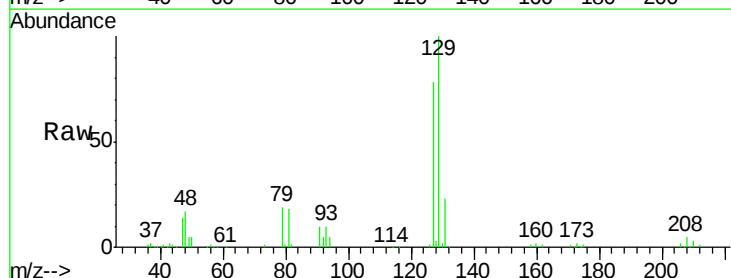
Manual Integrations
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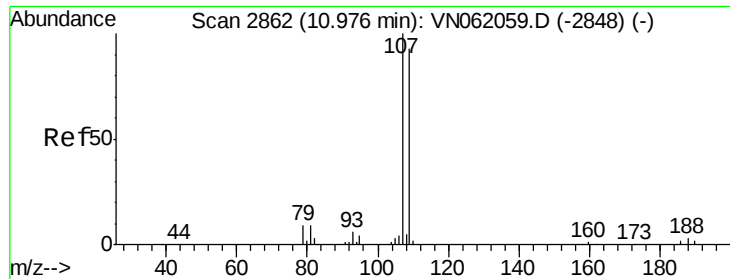
MMDadoda
7/1/2020 9:57:26 AM



#60
Dibromochloromethane
Concen: 51.563 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 129 Resp: 162277
Ion Ratio Lower Upper
129 100
127 77.3 39.5 118.5





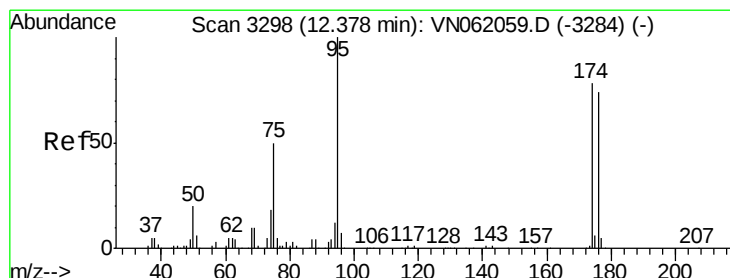
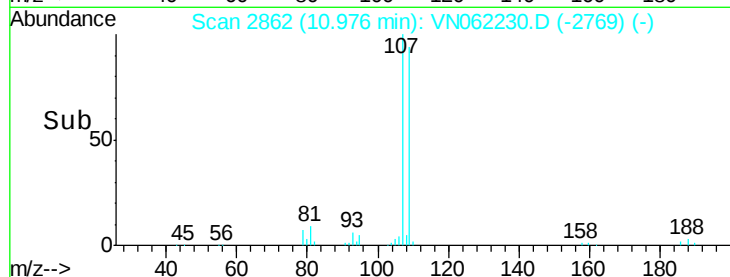
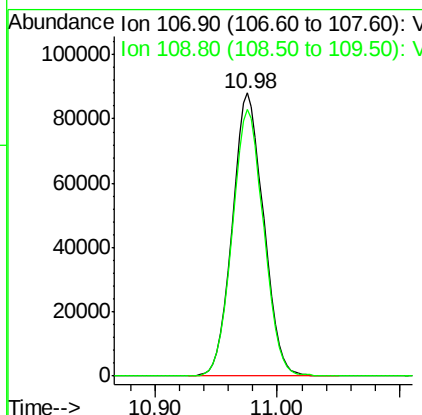
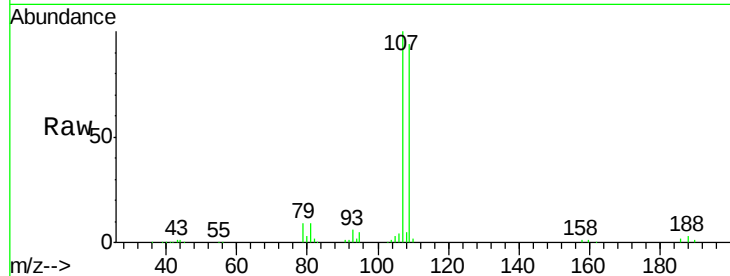
#61
 1,2-Dibromoethane
 Concen: 51.096 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.0	112.6

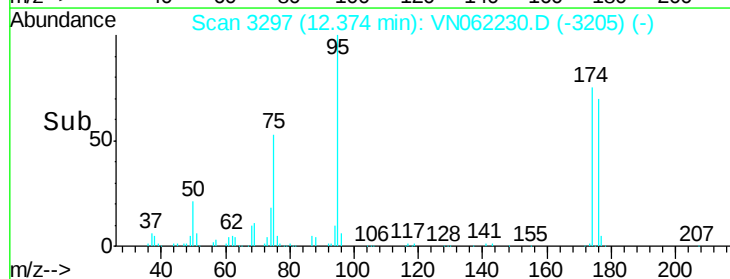
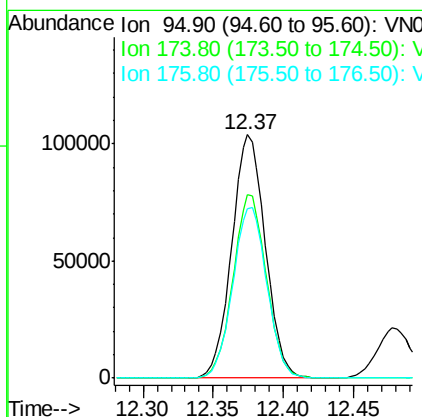
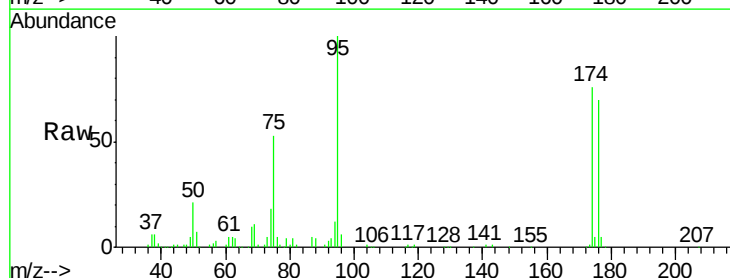
Manual Integrations
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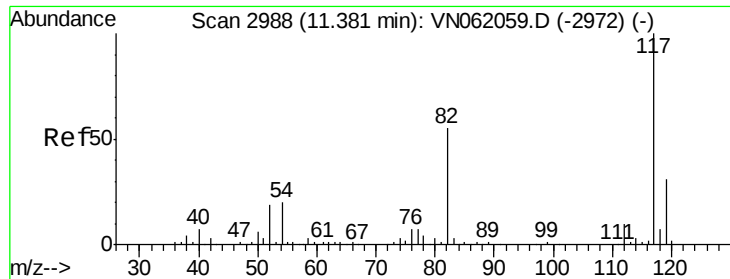
MMDadoda
 7/1/2020 9:57:26 AM



#62
 4-Bromofluorobenzene
 Concen: 49.481 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	154.8
176	71.1	0.0	147.4





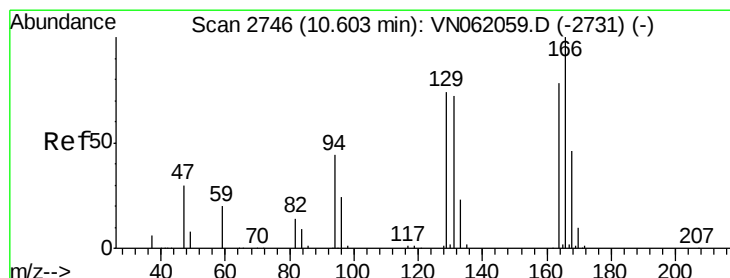
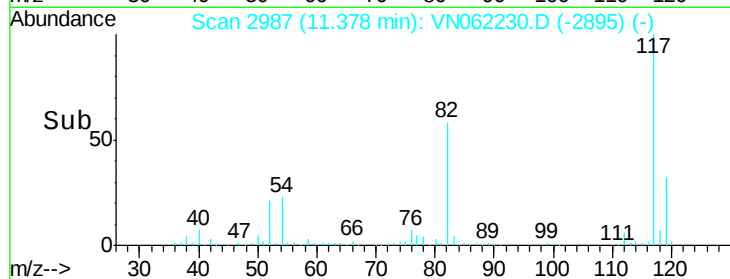
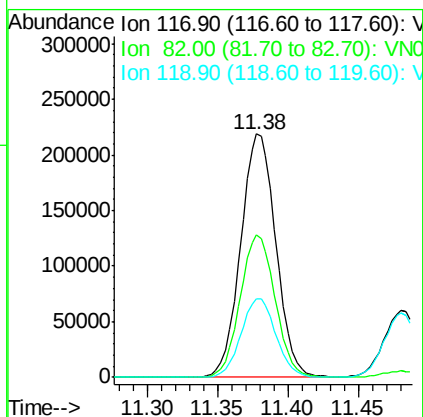
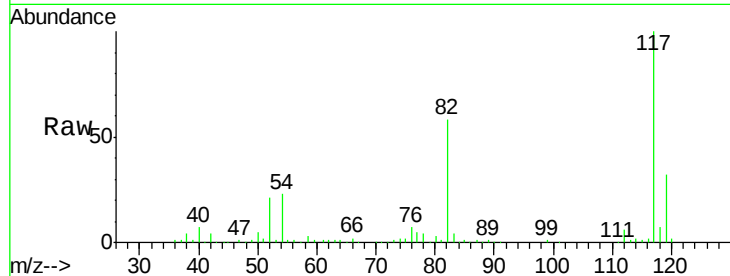
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	43.8	65.8
119	32.2	25.2	37.8

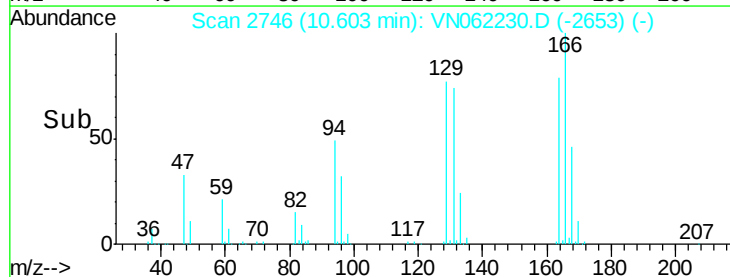
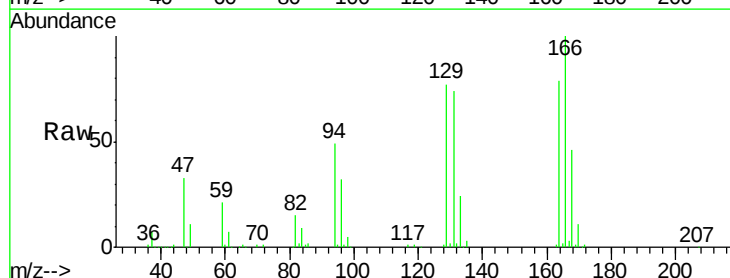
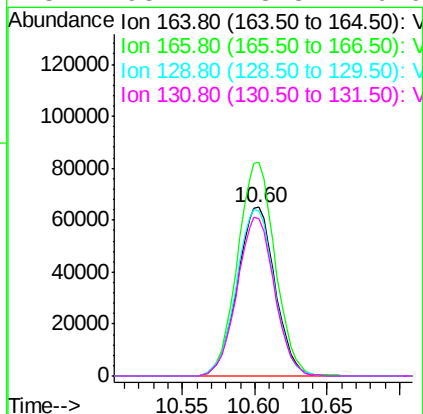
Manual Integrations
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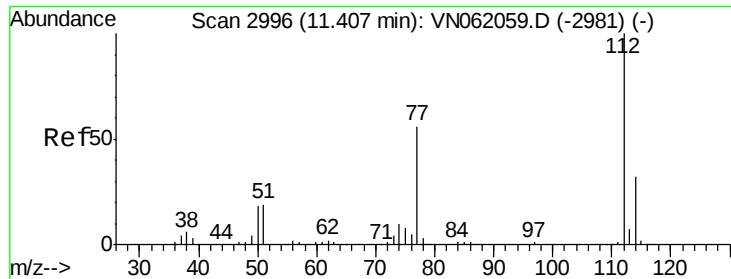
MMDadoda
7/1/2020 9:57:26 AM



#64
Tetrachloroethene
Concen: 44.849 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.9	154.3
129	97.8	75.8	113.8
131	93.2	73.8	110.6





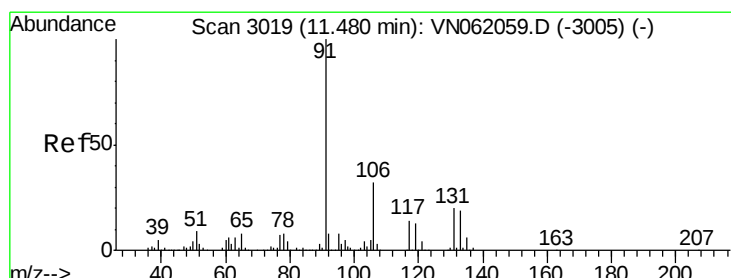
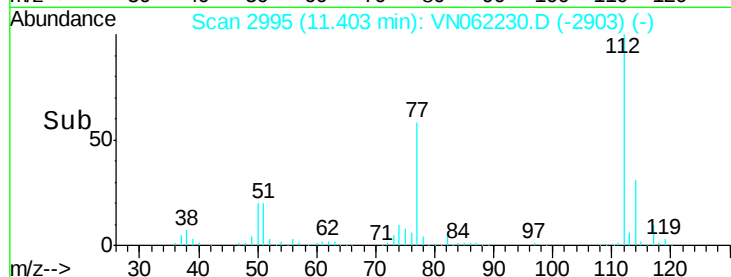
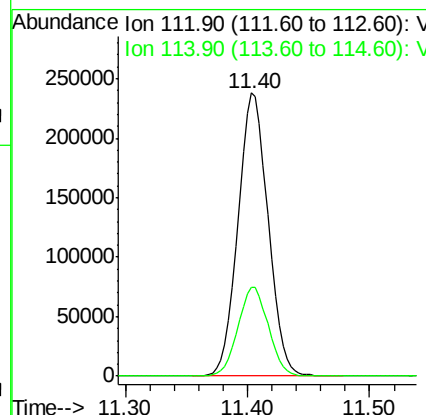
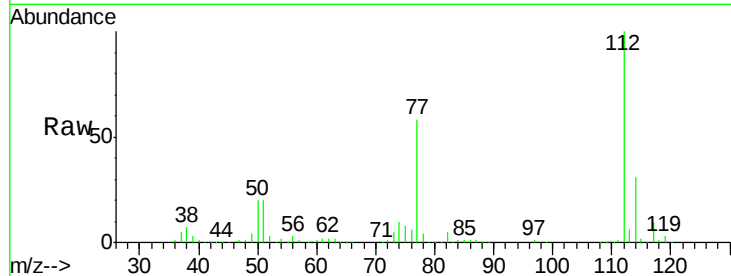
#65
Chlorobenzene
Concen: 48.504 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 407232
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

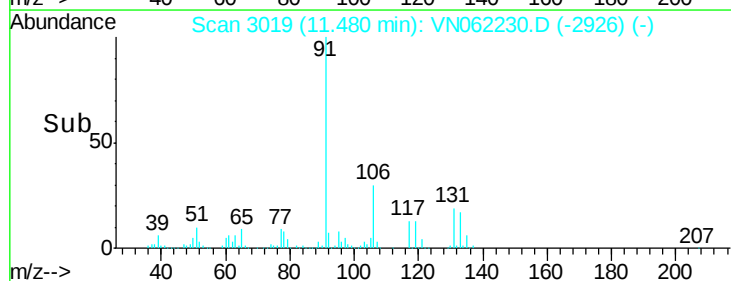
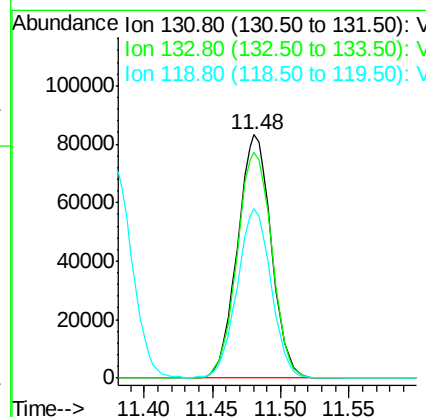
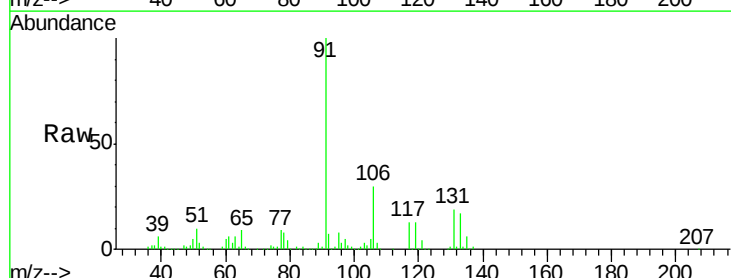
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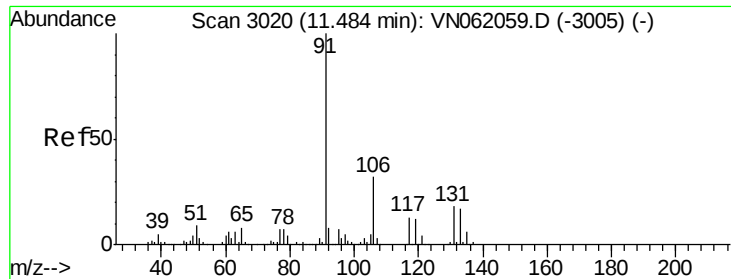
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.220 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion:131 Resp: 142895
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 70.0 34.4 103.3





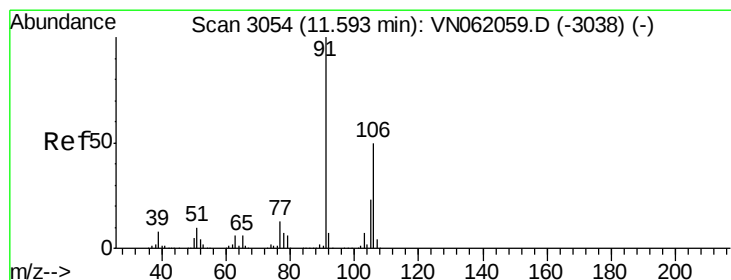
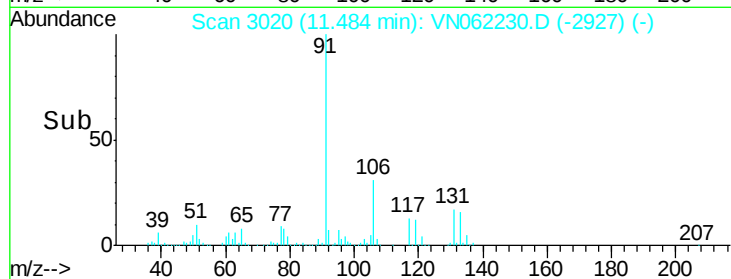
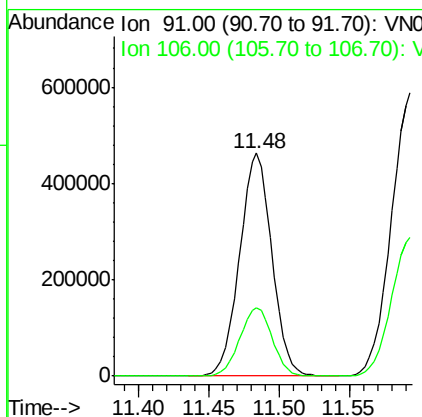
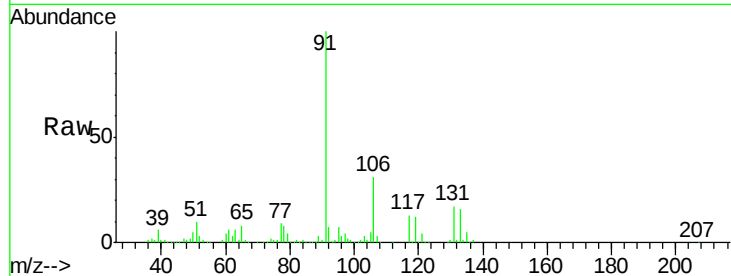
#67
Ethyl Benzene
Concen: 52.288 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 741423
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9

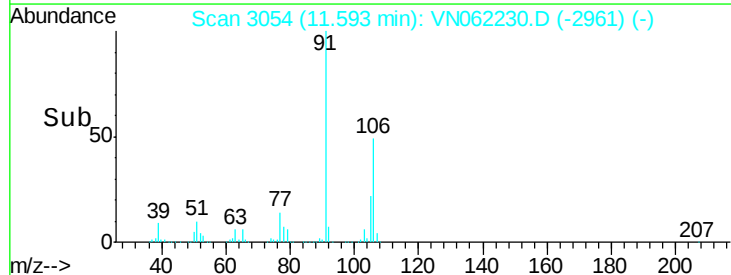
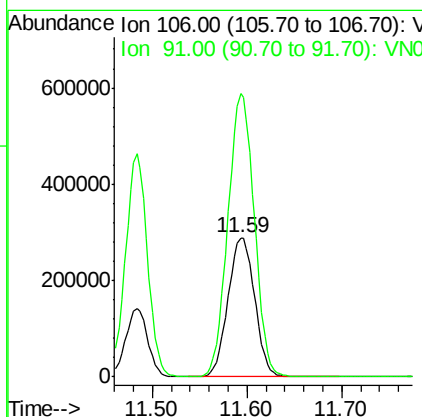
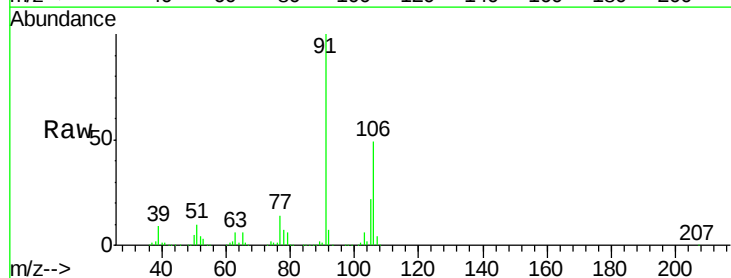
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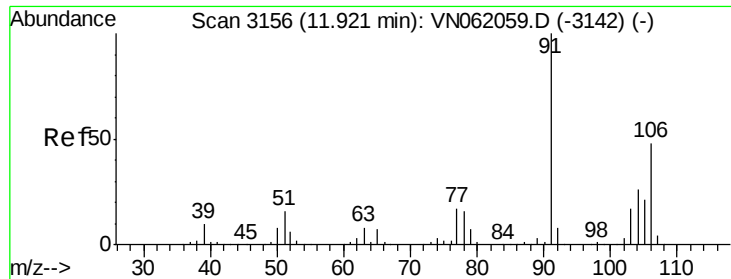
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#68
m/p-Xylenes
Concen: 102.782 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 106 Resp: 563697
Ion Ratio Lower Upper
106 100
91 201.7 157.8 236.8





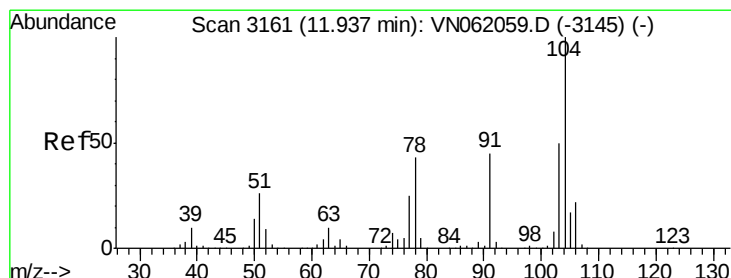
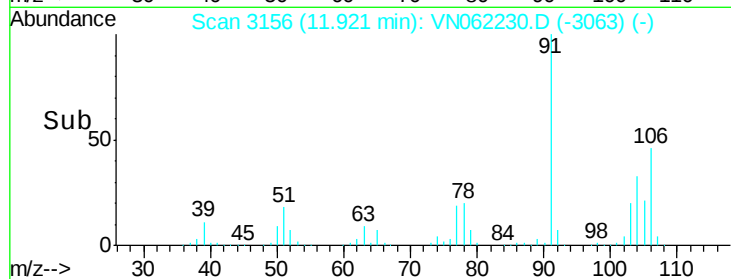
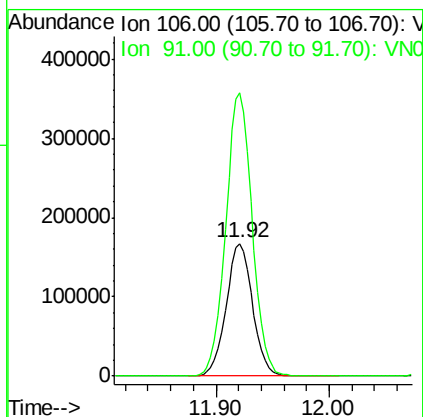
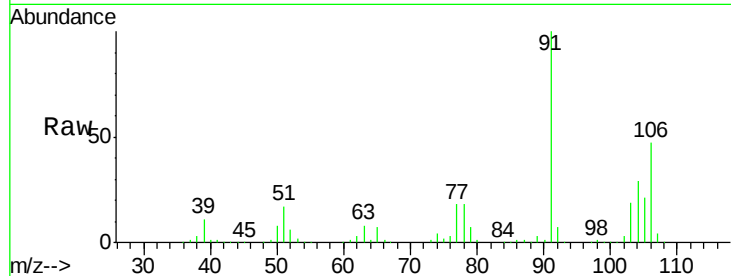
#69
o-Xylene
Concen: 52.311 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
270687	106	100		
	91	213.4	104.0	311.9

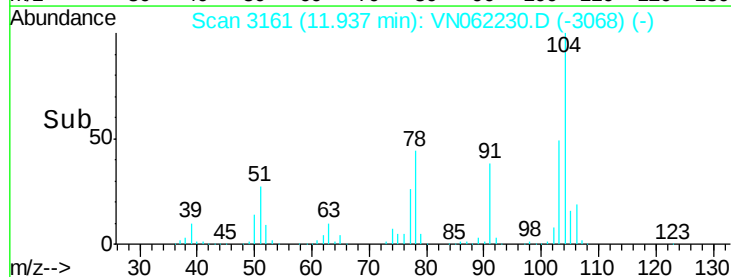
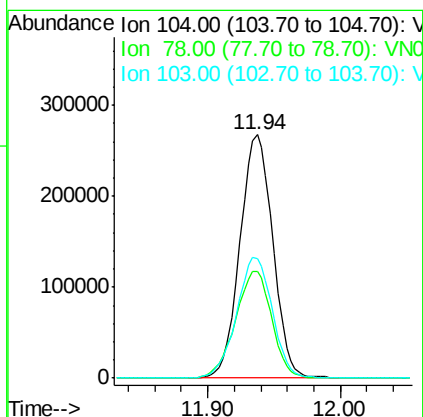
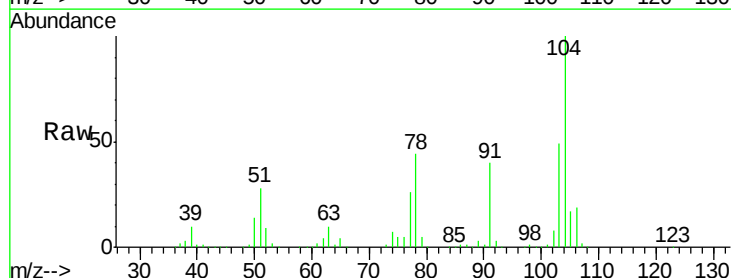
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#70
Styrene
Concen: 53.444 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ion	Ratio	Lower	Upper
461213	104	100		
	78	48.5	37.7	56.5
	103	54.0	43.0	64.6





#71

Bromoform

Concen: 50.345 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 103920

Ion Ratio Lower Upper

173 100

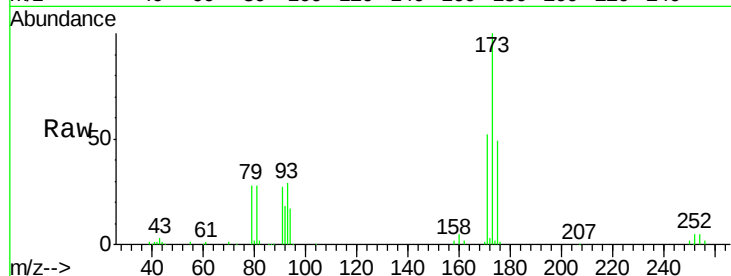
175 48.8 24.7 74.1

254 0.0 0.0 0.0

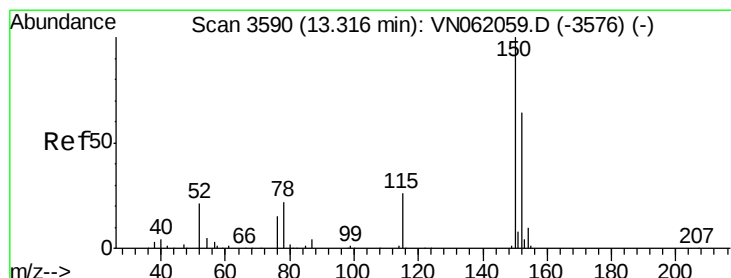
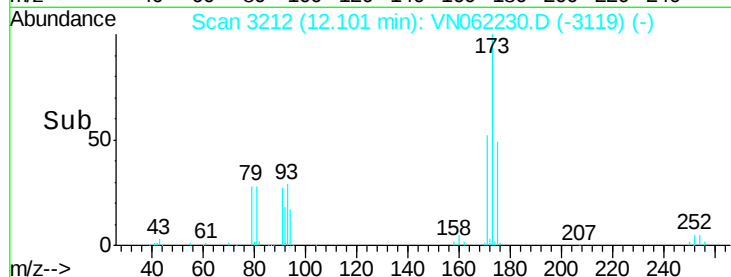
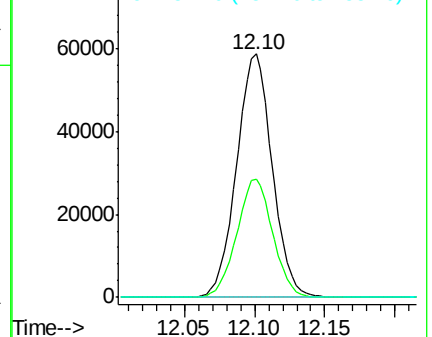
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

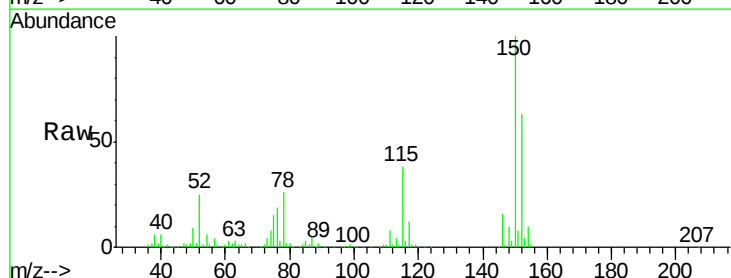
Tgt Ion:152 Resp: 182995

Ion Ratio Lower Upper

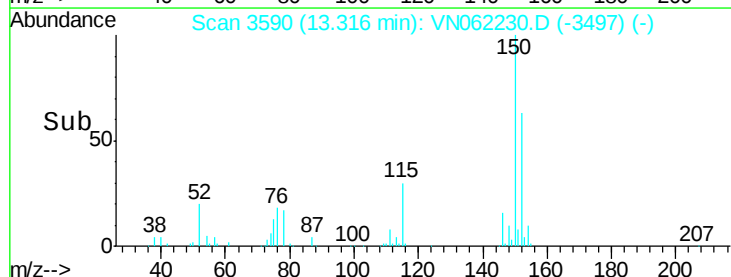
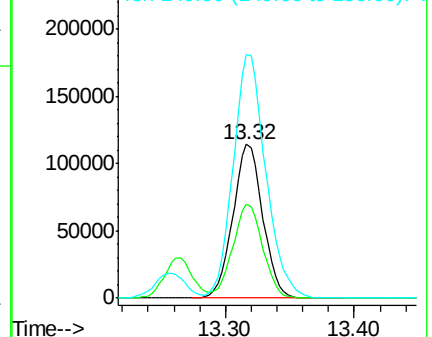
152 100

115 61.3 29.5 88.5

150 174.1 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





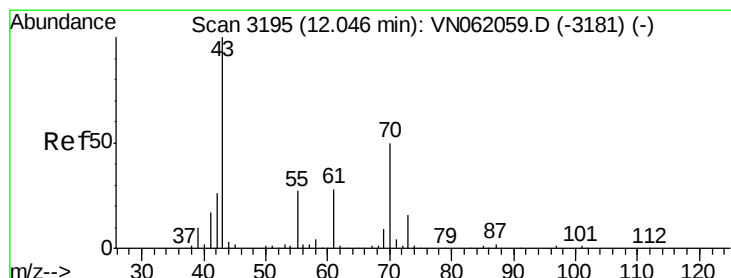
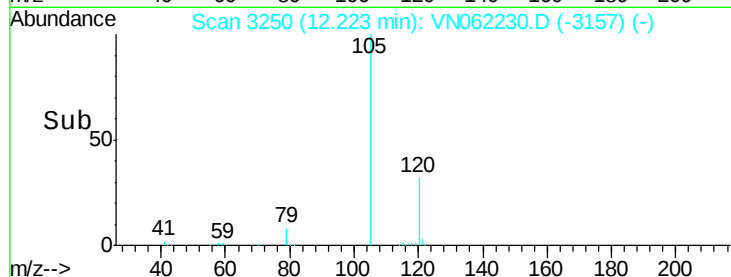
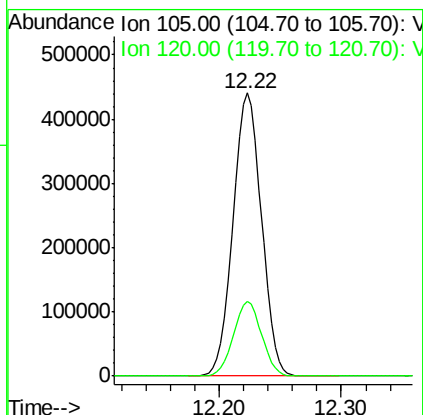
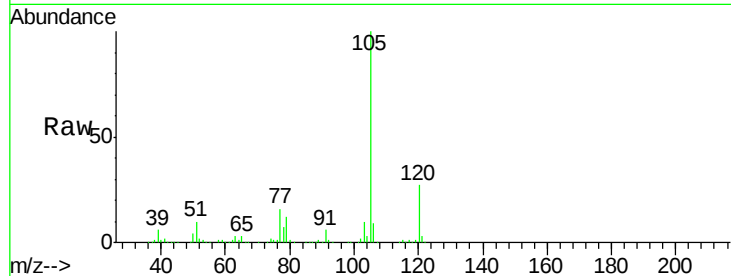
#73
Isopropylbenzene
Concen: 50.335 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.6

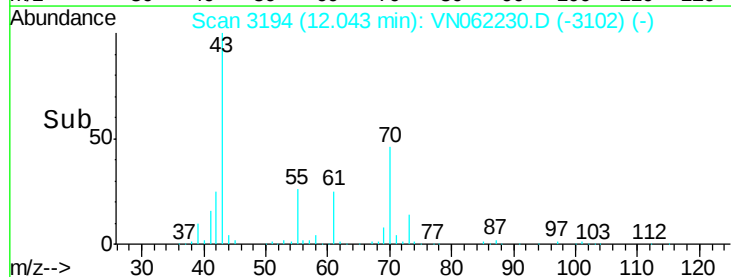
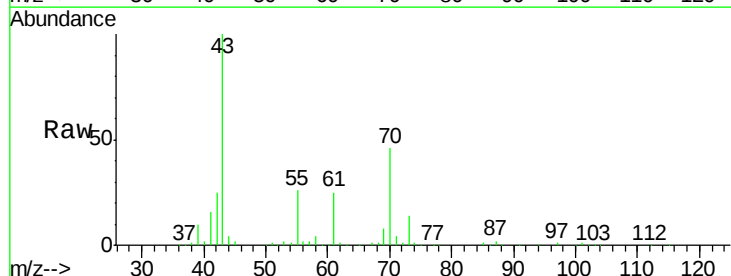
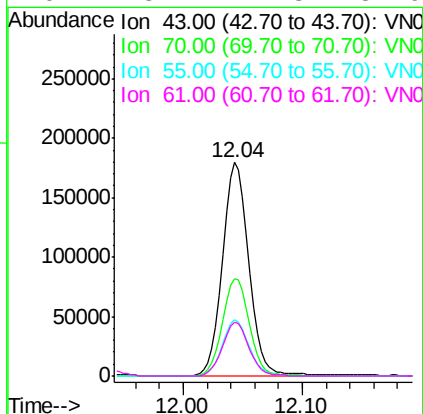
Manual Integrations
APPROVED

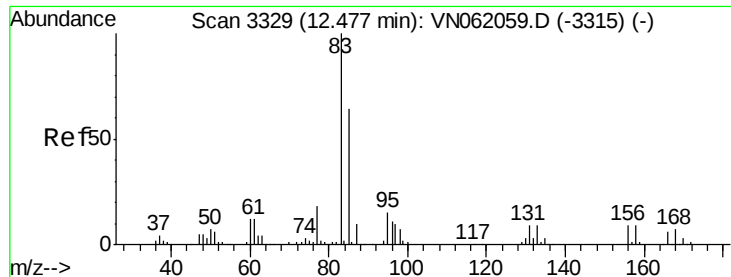
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#74
N-ethyl acetate
Concen: 52.491 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.8	39.4	59.2
55	26.9	21.7	32.5
61	25.7	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.062 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

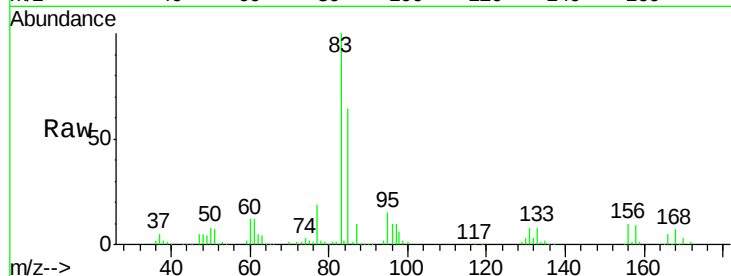
ClientSampleId :

VSTDCCC050

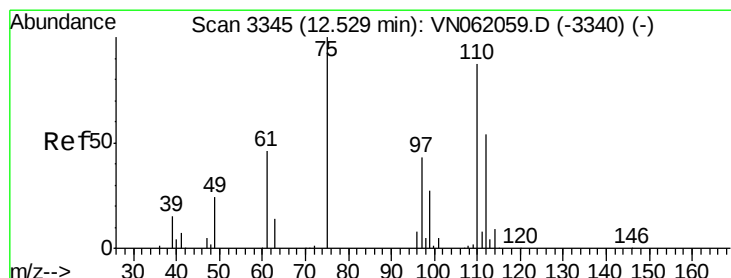
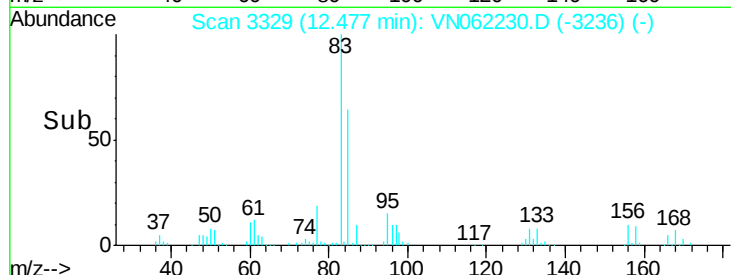
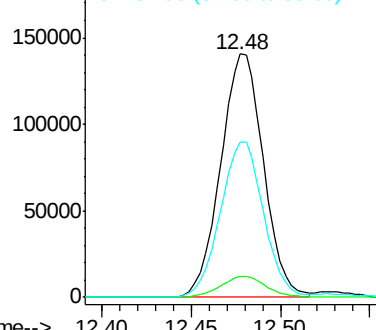
Tot Ion:	83	Resp:	235985
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.8	14.4
85	64.1	32.4	97.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN062230.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 45.036 ug/l m

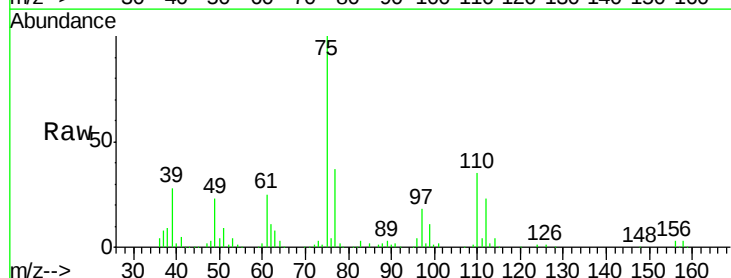
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

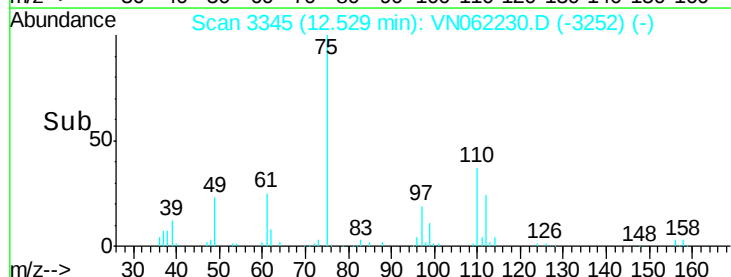
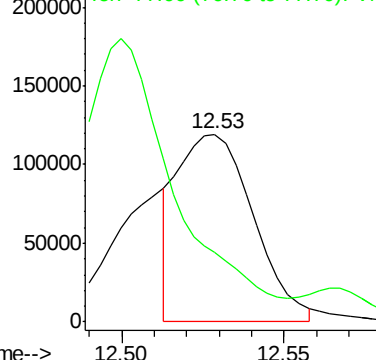
Lab File: VN062230.D

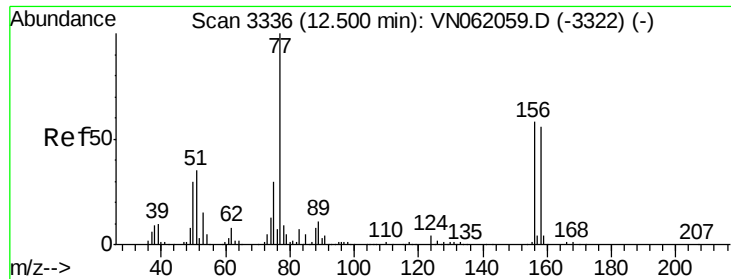
Acq: 30 Jun 2020 10:53

Tgt Ion:	75	Resp:	194008
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062230.D (-3252) (-)





#77

Bromobenzene

Concen: 46.420 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

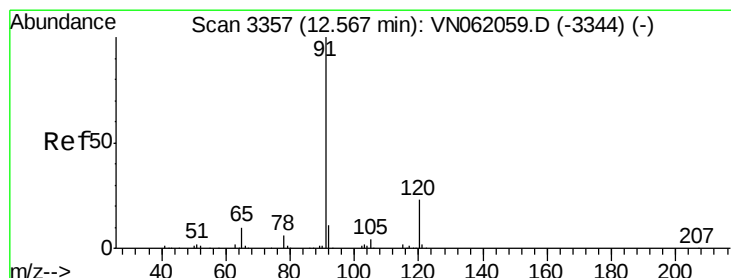
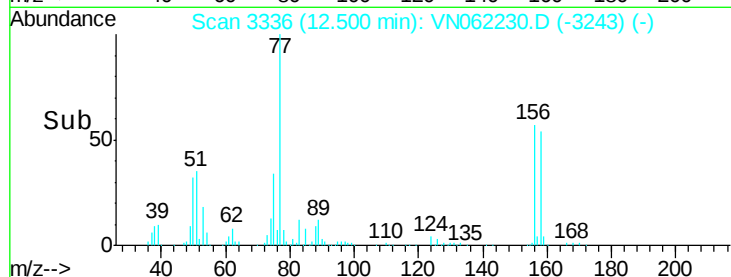
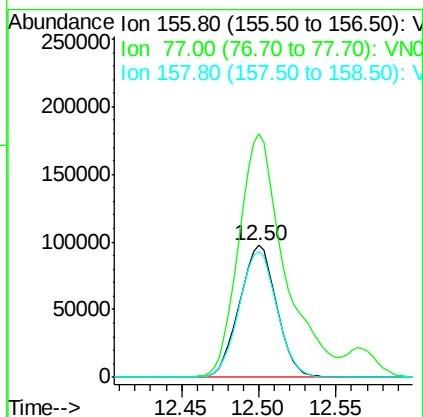
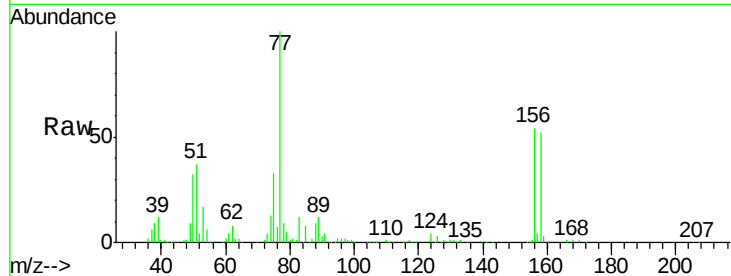
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	163249
Ion Ratio	Lower	Upper	
156	100		
77	227.7	104.6	313.8
158	96.8	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 52.594 ug/l

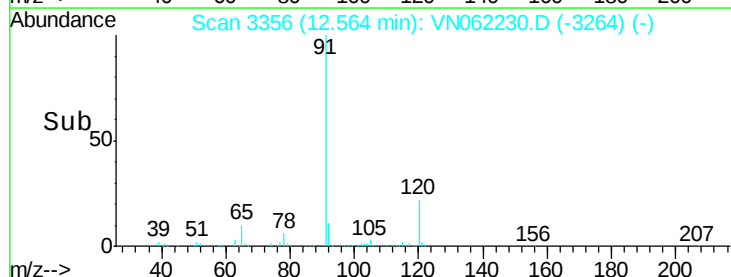
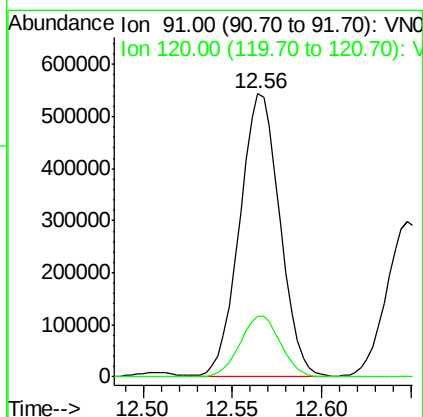
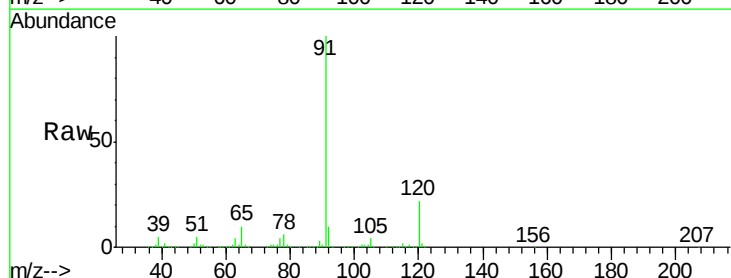
RT: 12.56 min Scan# 3356

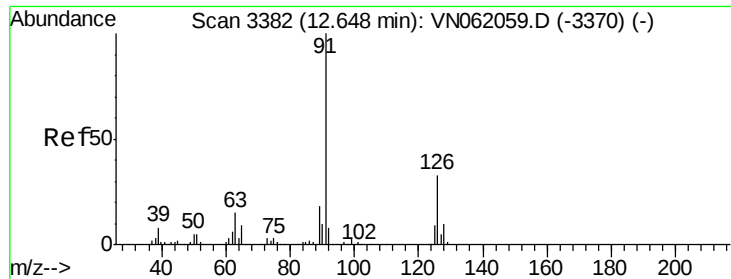
Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion:	91	Resp:	852179
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.4	34.1





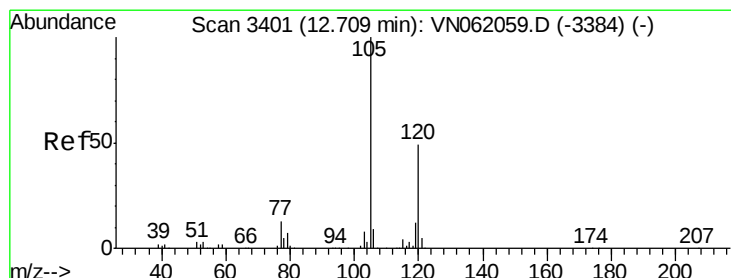
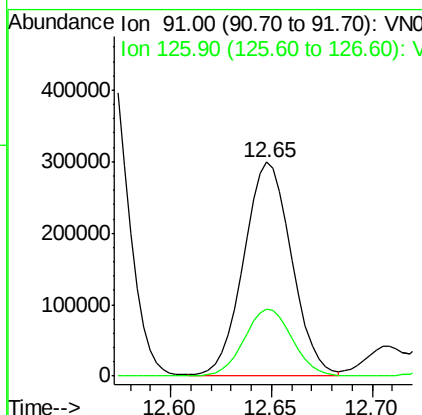
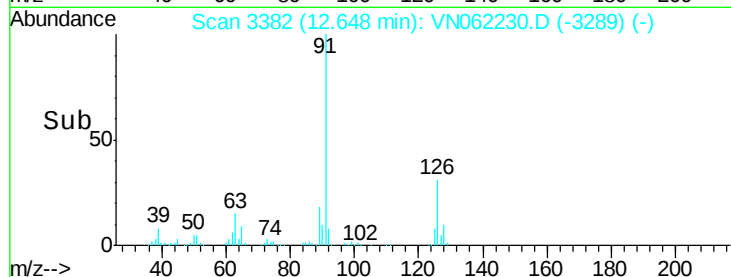
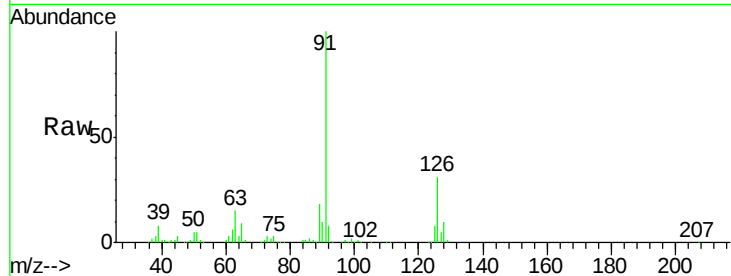
#79
2-Chlorotoluene
Concen: 50.362 ug/l
RT: 12.65 min Scan# 3382
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 493314
Ion Ratio Lower Upper
91 100
126 32.0 16.9 50.7

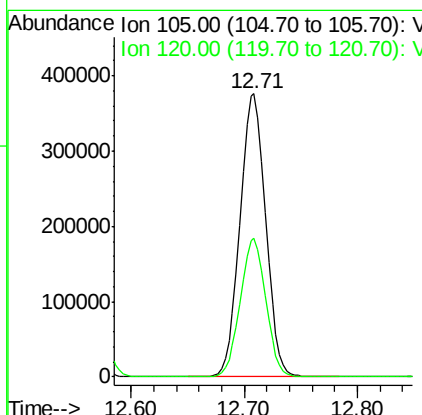
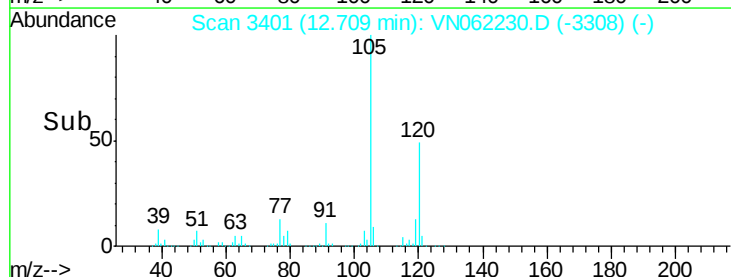
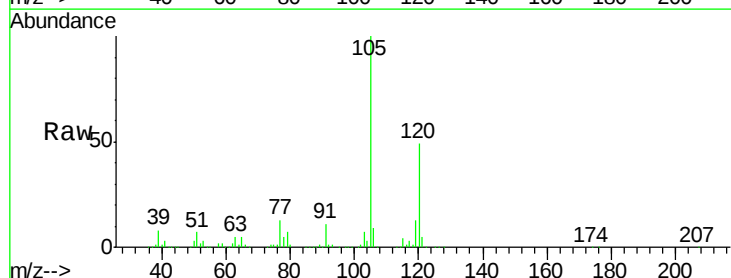
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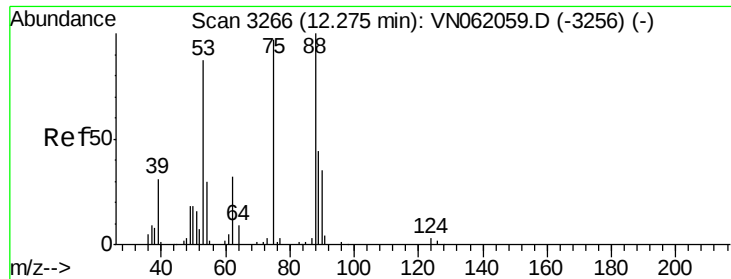
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7/1/2020 9:57:26 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.859 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 105 Resp: 595508
Ion Ratio Lower Upper
105 100
120 48.9 24.6 74.0





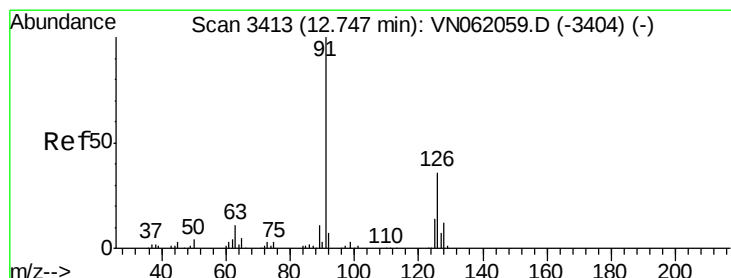
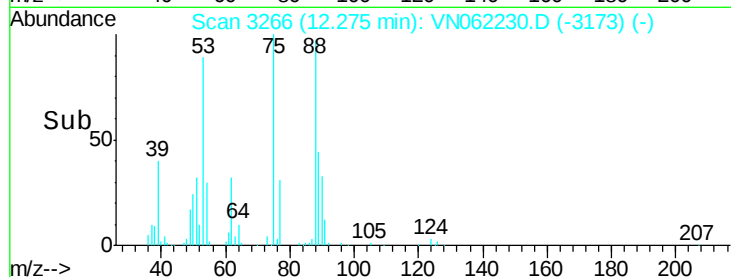
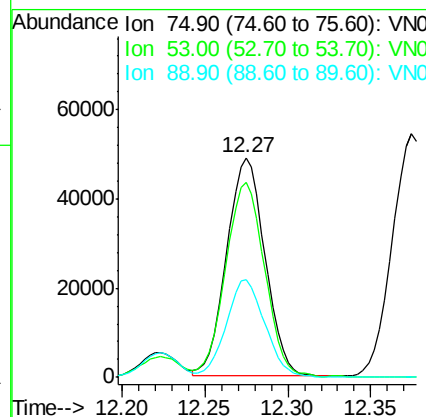
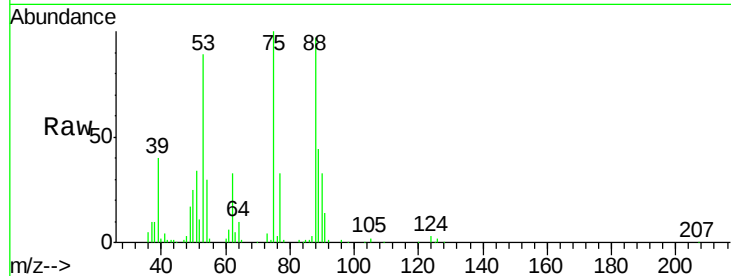
#81
trans-1,4-Dichloro-2-butene
Concen: 53.394 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.5	72.0	108.0
89	45.1	36.9	55.3

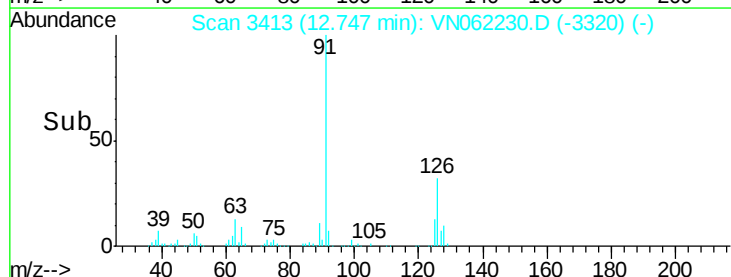
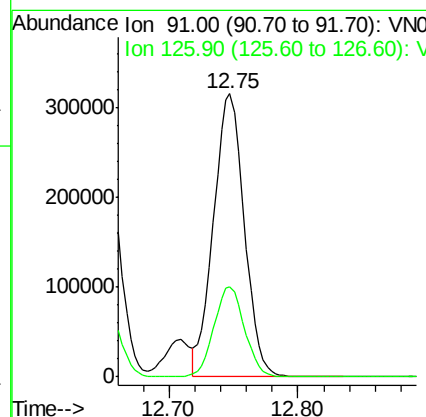
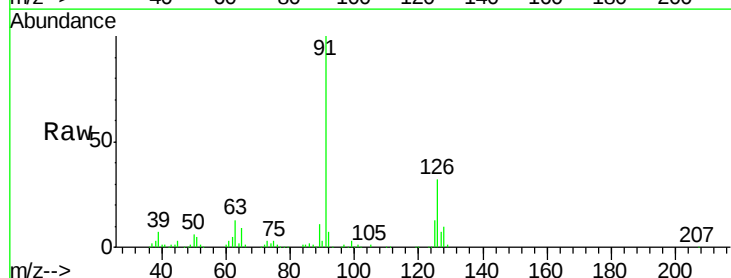
Manual Integrations
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#82
4-Chlorotoluene
Concen: 51.539 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	16.7	50.1





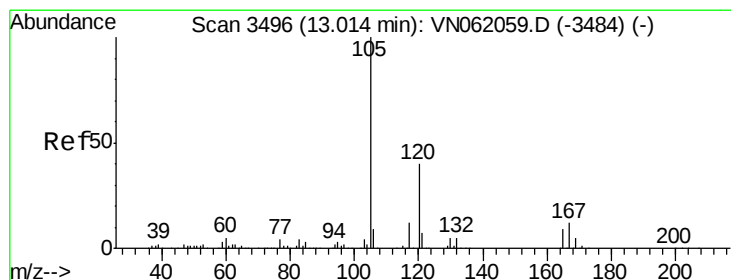
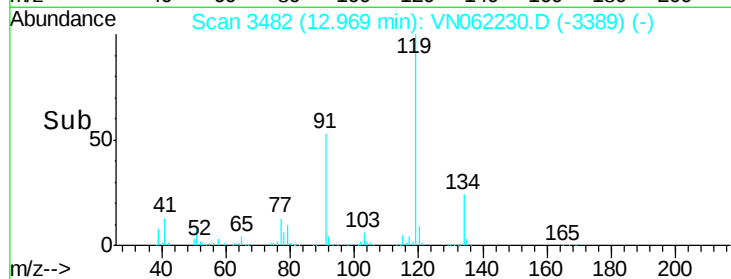
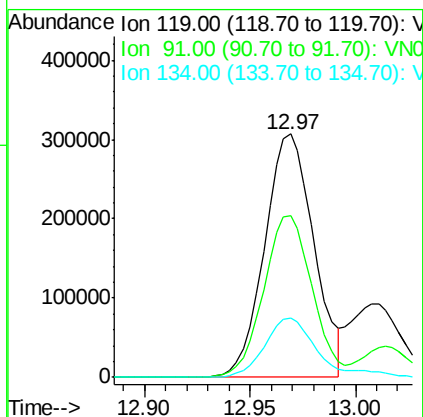
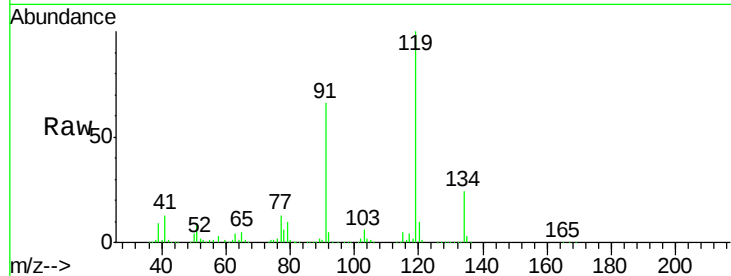
#83
tert-Butylbenzene
Concen: 50.682 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.3	31.7	95.1
134	24.5	13.1	39.1

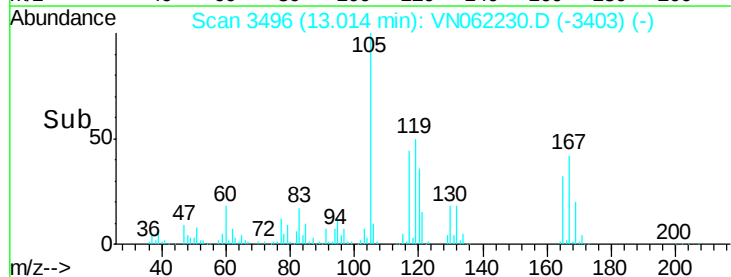
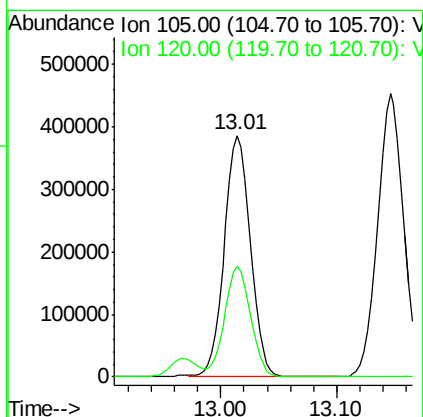
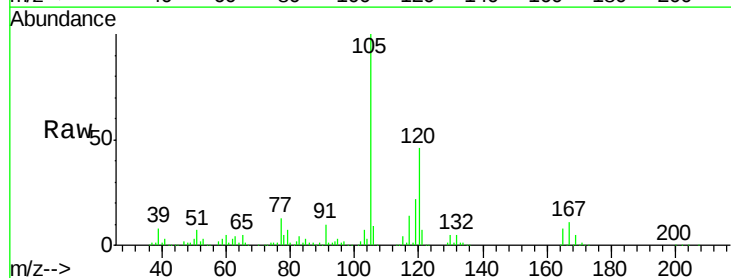
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#84
1,2,4-Trimethylbenzene
Concen: 52.574 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.2	69.5





#85

sec-Butylbenzene

Concen: 54.555 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 708433

Ion Ratio Lower Upper

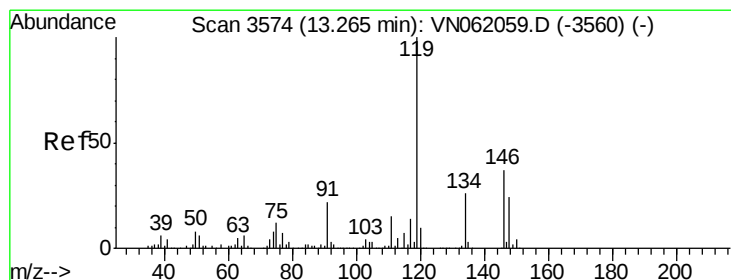
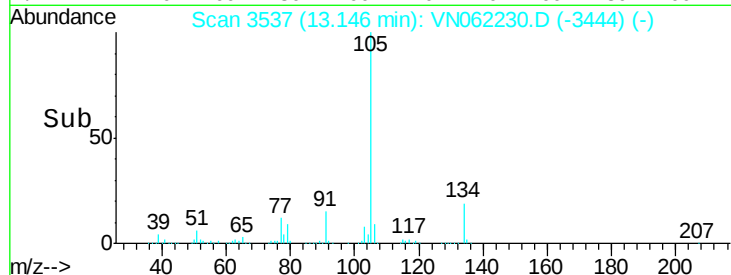
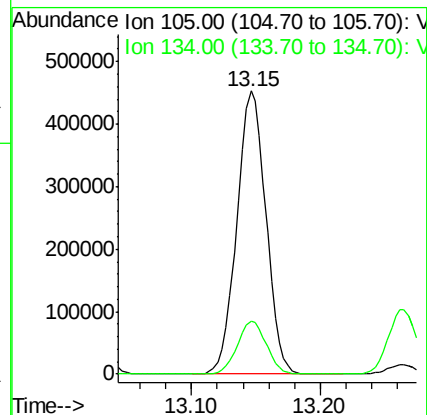
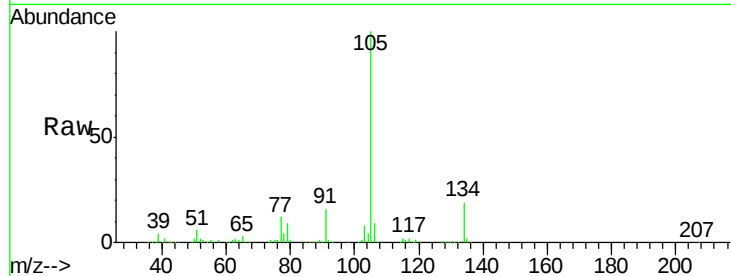
105 100

134 18.7 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 55.200 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

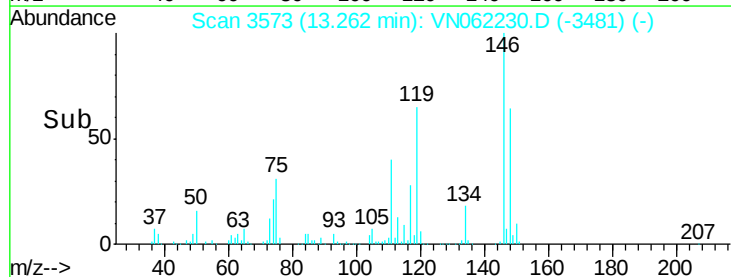
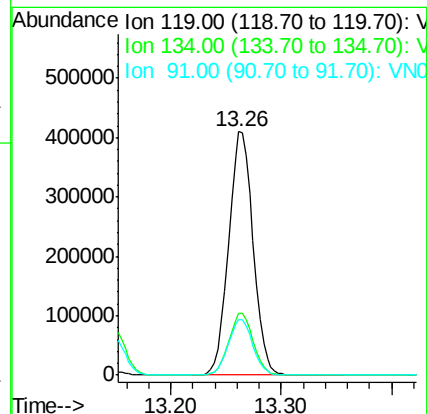
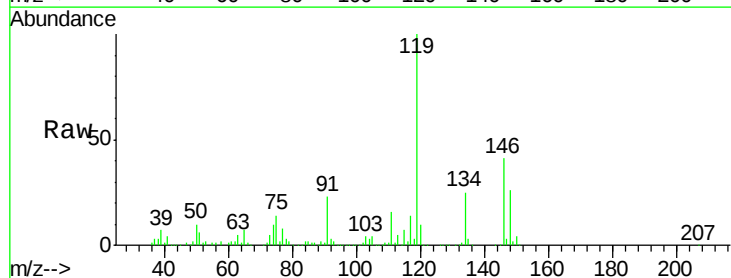
Tgt Ion:119 Resp: 628005

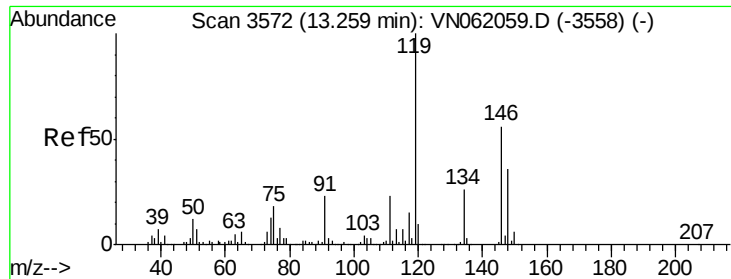
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 23.1 11.3 33.8





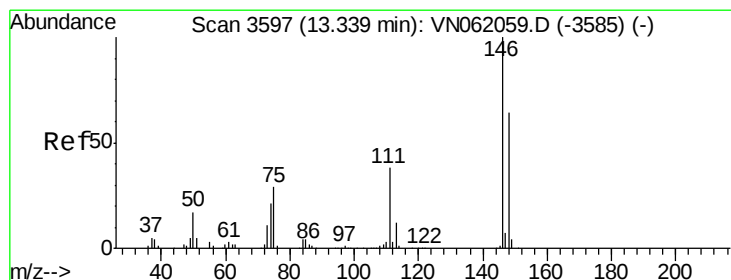
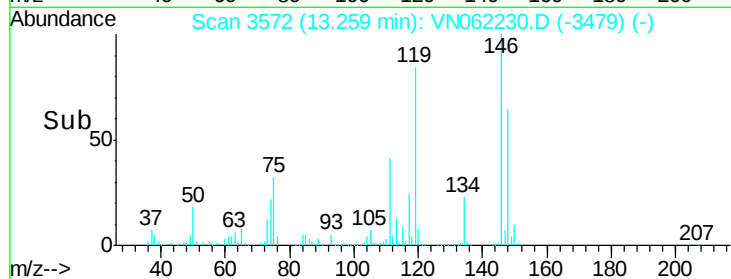
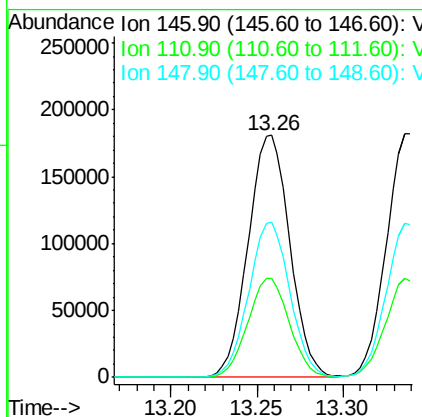
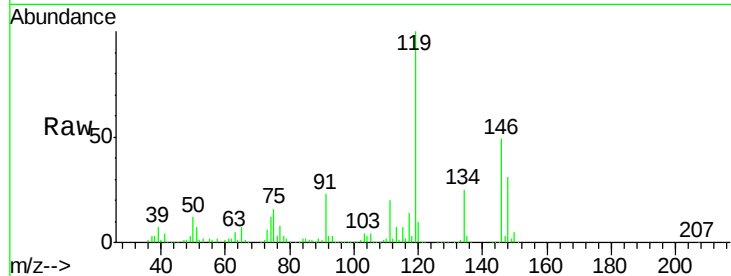
#87
 1,3-Dichlorobenzene
 Concen: 49.299 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	63.3	31.8	95.3

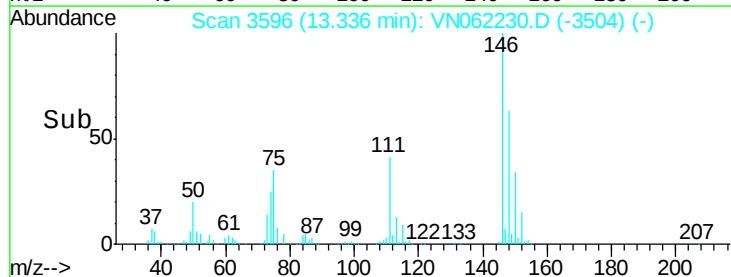
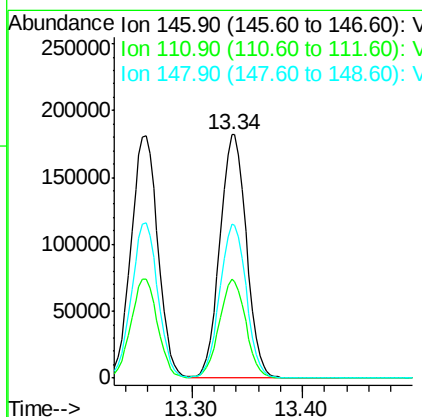
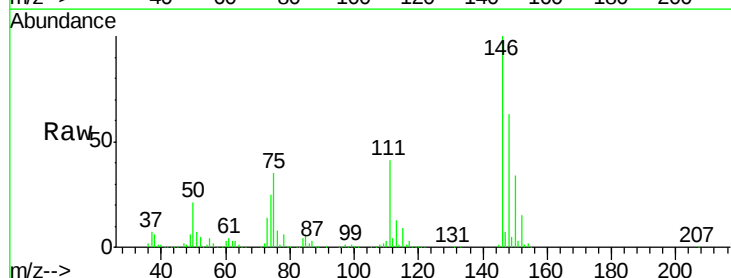
Manual Integrations
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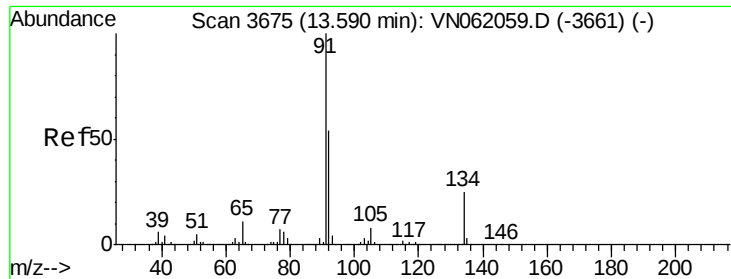
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#88
 1,4-Dichlorobenzene
 Concen: 47.764 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.9	59.6
148	62.9	31.9	95.9





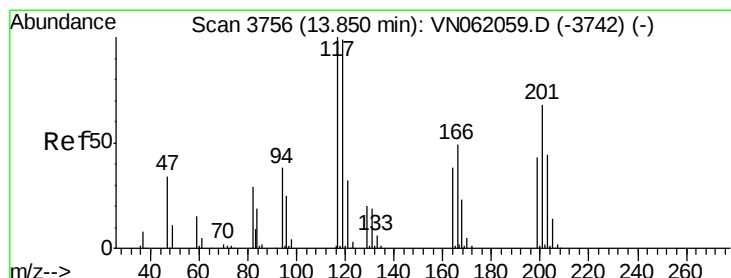
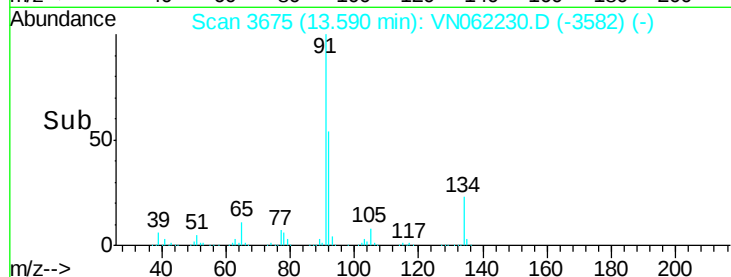
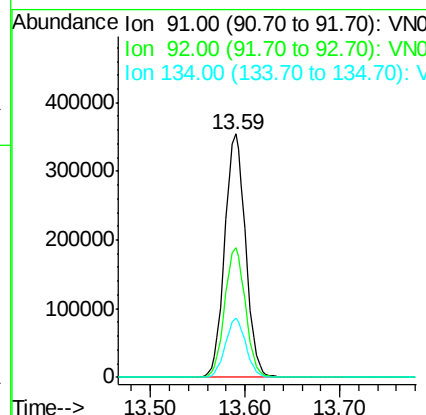
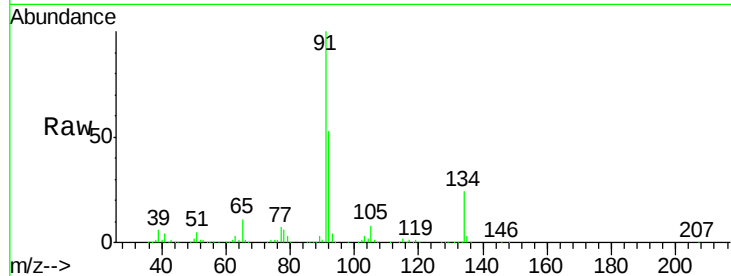
#89
n-Butylbenzene
Concen: 57.396 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.7
134	23.8	12.3	36.9

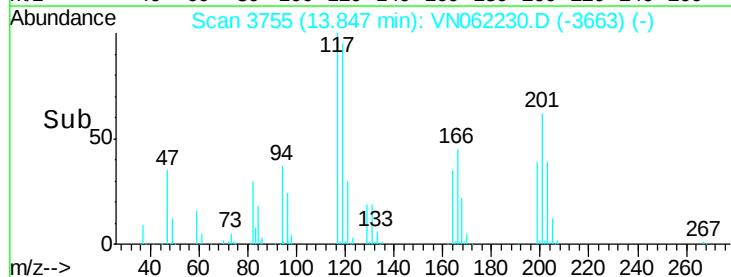
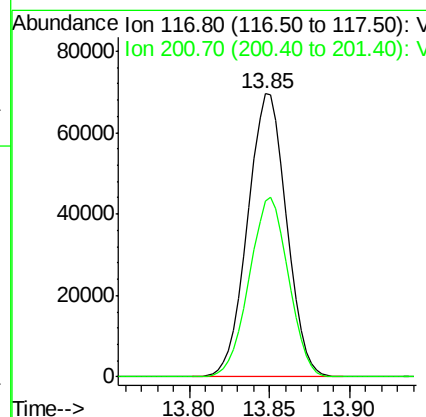
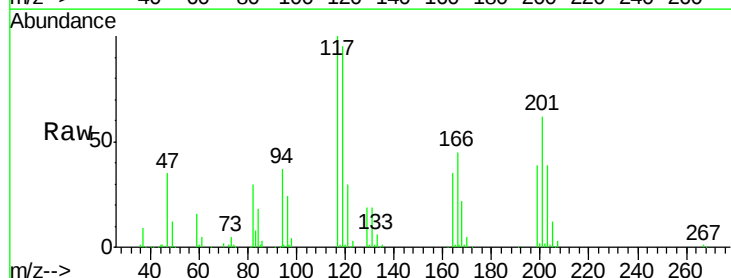
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#90
Hexachloroethane
Concen: 51.710 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.9	32.7	98.1





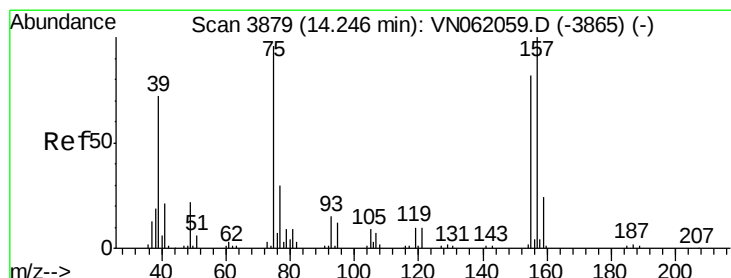
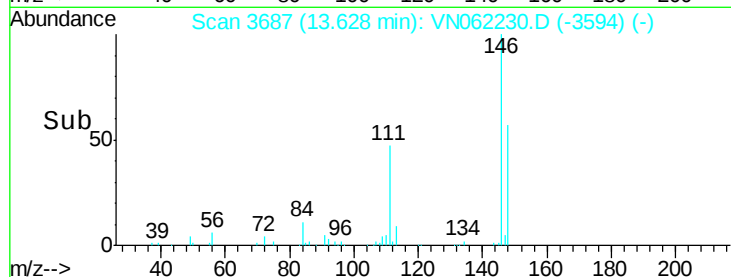
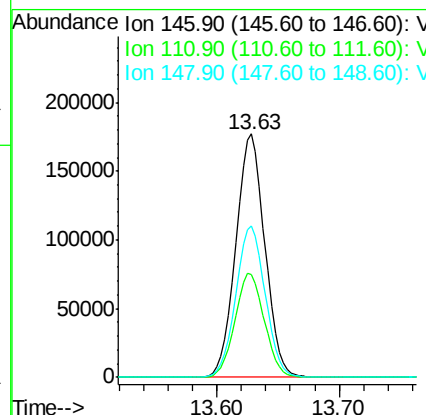
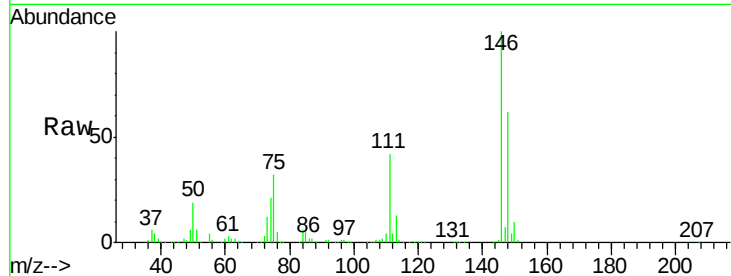
#91
 1,2-Dichlorobenzene
 Concen: 49.014 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.2	63.6
148	62.8	31.9	95.5

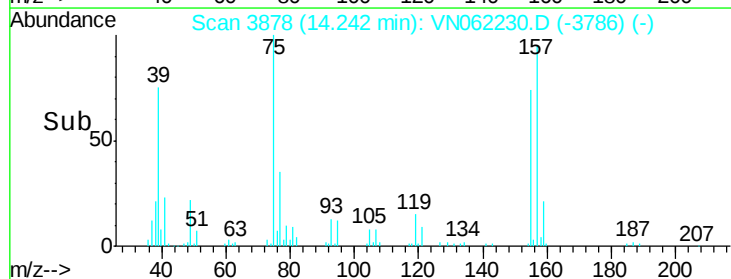
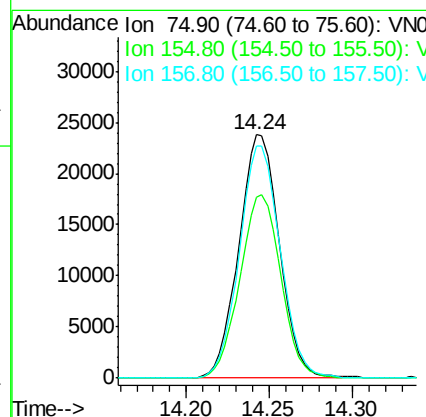
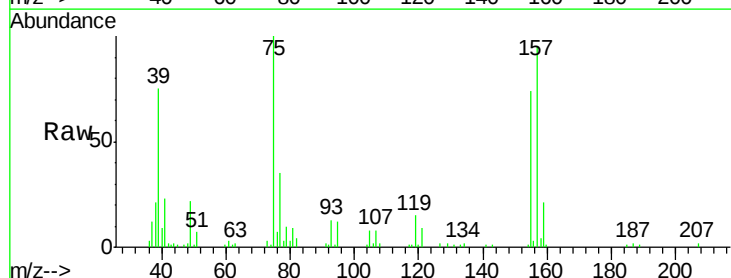
Manual Integrations
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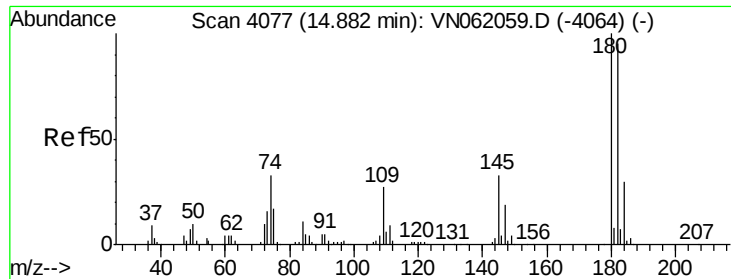
MMDadoda
 7/1/2020 9:57:26 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.747 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.1	40.8	122.4
157	96.2	51.4	154.3





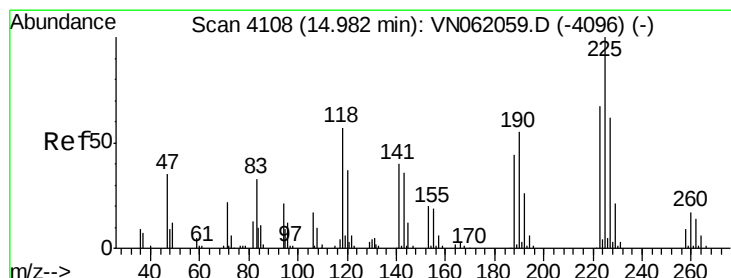
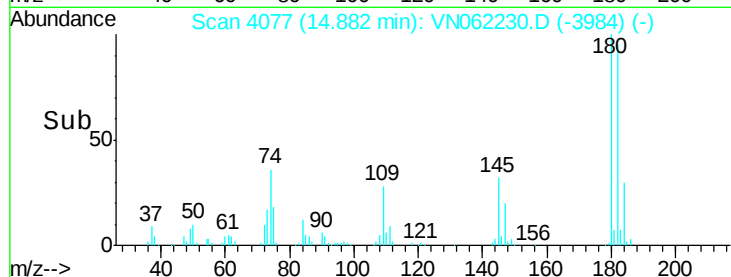
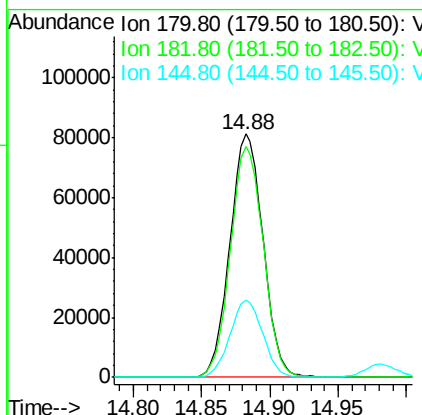
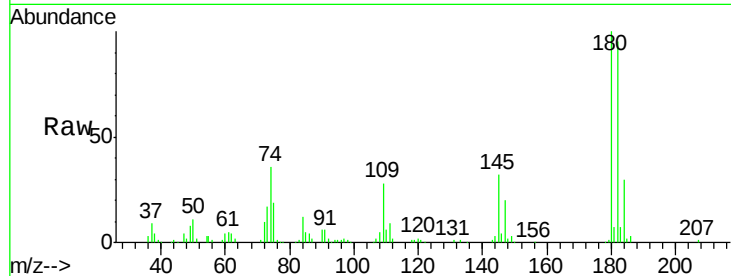
#93
 1,2,4-Trichlorobenzene
 Concen: 52.329 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136894		
182	94.6	48.0	144.2	
145	31.5	16.0	48.0	

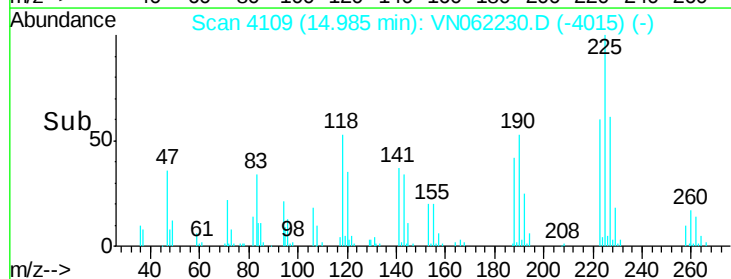
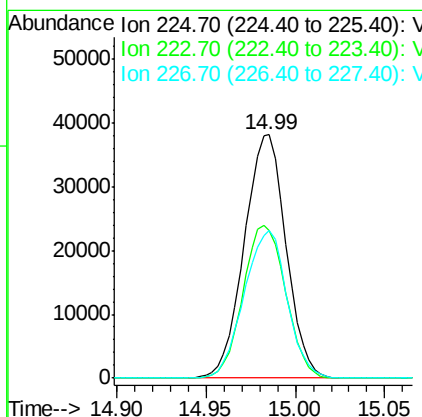
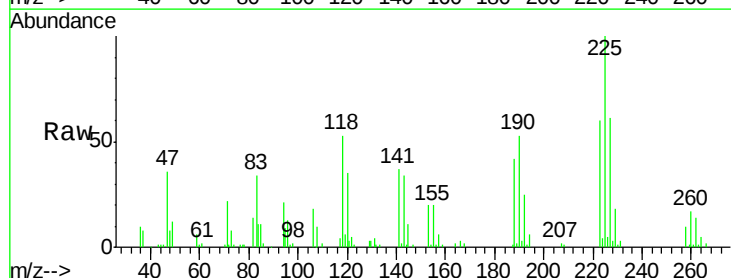
Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 9:57:26 AM



#94
 Hexachlorobutadiene
 Concen: 54.813 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62280		
223	64.1	32.9	98.7	
227	62.3	31.3	93.8	





#95

Naphthalene

Concen: 45.861 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

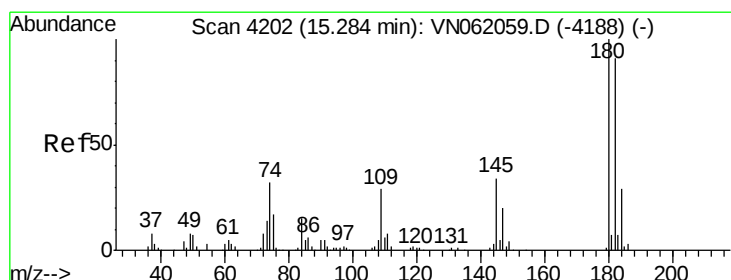
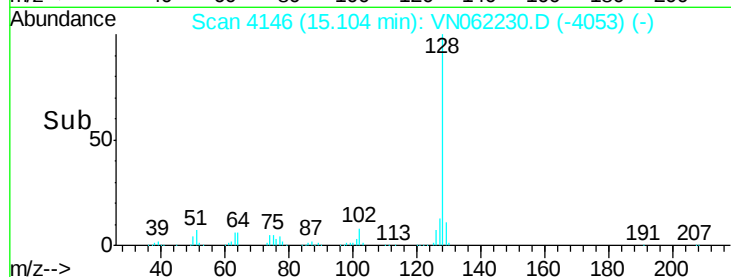
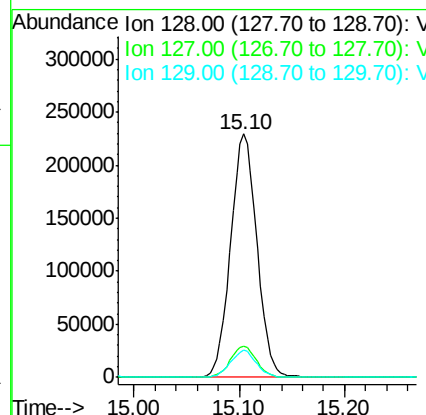
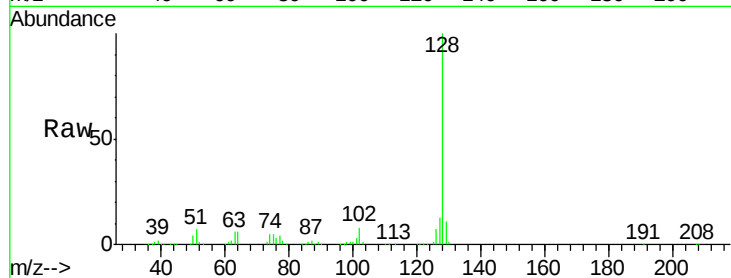
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	396887
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/1/2020 9:57:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.630 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion:	180	Resp:	135432
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.8	140.4
145	33.6	16.4	49.2

