

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067477.D
 Acq On : 24 Jun 2021 12:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 25 02:12:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	260031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	543169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	486248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	165206	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	245906	46.21	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.42%
35) Dibromofluoromethane	8.024	113	164164	49.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.12%
50) Toluene-d8	10.443	98	723980	50.73	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.46%
62) 4-Bromofluorobenzene	12.733	95	256003	50.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.68%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	1992	0.46	ug/l	79
3) Chloromethane	2.301	50	1750	0.36	ug/l	95
4) Vinyl Chloride	2.440	62	1216	0.28	ug/l #	67
5) Bromomethane	2.883	94	2182	0.91	ug/l #	65
10) Methyl Iodide	4.425	142	1162	0.29	ug/l #	72
12) 1,1-Dichloroethene	4.181	96	751	0.21	ug/l	96
13) Acrolein	4.041	56	1717	2.32	ug/l	94
15) Acrylonitrile	5.567	53	3096	1.34	ug/l #	75
16) Acetone	4.301	43	4100	2.01	ug/l	98
17) Carbon Disulfide	4.529	76	18574	1.60	ug/l	98
18) Methyl Acetate	4.859	43	3896	0.69	ug/l #	68
21) trans-1,2-Dichloroethene	5.594	96	1394	0.36	ug/l #	88
23) Vinyl Acetate	6.444	43	5503	0.42	ug/l #	75
25) 2-Butanone	7.359	43	6594	2.08	ug/l #	88
28) Bromochloromethane	7.656	49	816	0.20	ug/l #	62
29) Tetrahydrofuran	7.707	42	2641	1.32	ug/l #	56
30) Chloroform	7.820	83	1664	0.21	ug/l	86
31) Cyclohexane	8.086	56	11442	1.34	ug/l #	26
36) 1,1-Dichloropropene	8.220	75	3188	0.52	ug/l #	64
38) Carbon Tetrachloride	8.091	117	33057	6.34	ug/l #	17
39) Methylcyclohexane	9.461	83	2824	0.40	ug/l #	85
41) Methacrylonitrile	7.638	41	1158	0.35	ug/l #	60
42) 1,2-Dichloroethane	8.533	62	2105	0.32	ug/l	83
44) Trichloroethene	9.220	130	2128	0.60	ug/l	80
46) Dibromomethane	9.585	93	1057	0.35	ug/l #	73
48) Methyl methacrylate	9.566	41	1921	0.40	ug/l #	84
49) 1,4-Dioxane	9.577	88	882	12.81	ug/l #	56
51) 4-Methyl-2-Pentanone	10.336	43	14151	2.17	ug/l	98
52) Toluene	10.507	92	3374	0.32	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	2398	2.30	ug/l	91
56) Ethyl methacrylate	10.765	69	2965	0.41	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.049	63	708	17.57	ug/l #	50
59) 2-Hexanone	11.089	43	27193	5.93	ug/l	98
60) Dibromochloromethane	11.242	129	757	2.21	ug/l	68
61) 1,2-Dibromoethane	11.347	107	1248	0.32	ug/l	85
64) Tetrachloroethene	10.982	164	1735	0.55	ug/l	90

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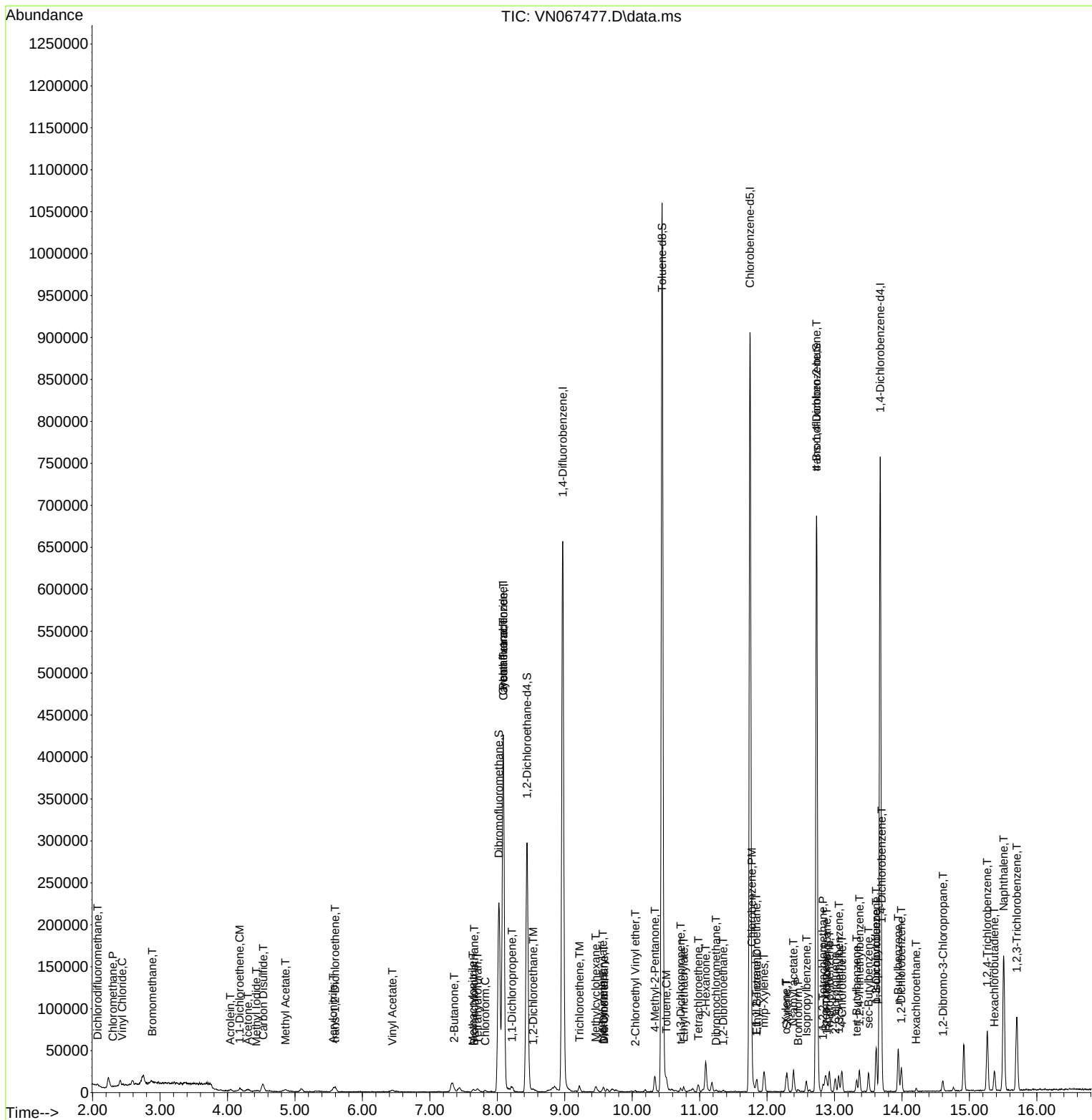
Quant Time: Jun 25 02:12:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

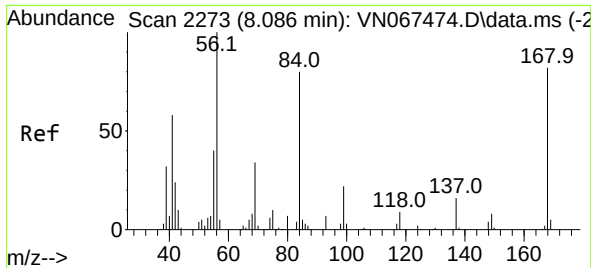
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

65) Chlorobenzene	11.773	112	5318	0.53	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.840	131	300	0.79	ug/l #	56
67) Ethyl Benzene	11.848	91	9530	0.46	ug/l #	89
68) m/p-Xylenes	11.956	106	7199	1.03	ug/l	87
69) o-Xylene	12.280	106	2853	0.41	ug/l	90
70) Styrene	12.296	104	7377	0.65	ug/l	93
71) Bromoform	12.463	173	1039	3.03	ug/l #	90
73) Isopropylbenzene	12.583	105	9032	0.54	ug/l	91
74) N-amyl acetate	12.390	43	15841	1.95	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	4902	0.90	ug/l #	88
76) 1,2,3-Trichloropropane	12.884	75	6529	1.34	ug/l #	100
77) Bromobenzene	12.868	156	3006	0.97	ug/l	87
78) n-propylbenzene	12.924	91	20661	1.00	ug/l	99
79) 2-Chlorotoluene	13.012	91	9954	0.80	ug/l	74
80) 1,3,5-Trimethylbenzene	13.066	105	9951	0.72	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.733	75	146533	82.46	ug/l #	6
82) 4-Chlorotoluene	13.112	91	16071	1.31	ug/l	99
83) tert-Butylbenzene	13.326	119	7037	0.65	ug/l	96
84) 1,2,4-Trimethylbenzene	13.369	105	14463	1.07	ug/l	94
85) sec-Butylbenzene	13.503	105	15303	0.94	ug/l	95
86) p-Isopropyltoluene	13.618	119	14939	1.24	ug/l	97
87) 1,3-Dichlorobenzene	13.618	146	9410	1.67	ug/l	97
88) 1,4-Dichlorobenzene	13.699	146	12356	2.20	ug/l	82
89) n-Butylbenzene	13.943	91	30497	2.52	ug/l	95
90) Hexachloroethane	14.209	117	574	0.25	ug/l #	45
91) 1,2-Dichlorobenzene	13.991	146	9954	1.81	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.608	75	2917	3.01	ug/l	90
93) 1,2,4-Trichlorobenzene	15.265	180	18583	8.71	ug/l	96
94) Hexachlorobutadiene	15.370	225	4493	3.61	ug/l	91
95) Naphthalene	15.507	128	132650	16.77	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	25380	11.64	ug/l	100

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

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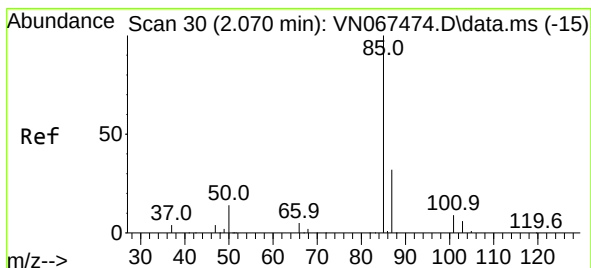
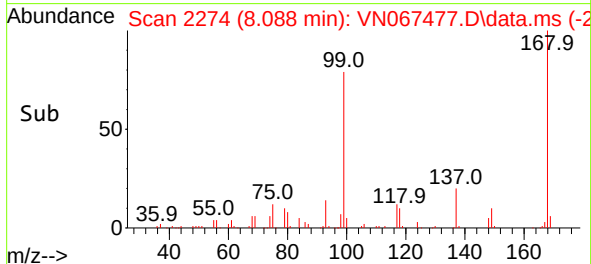
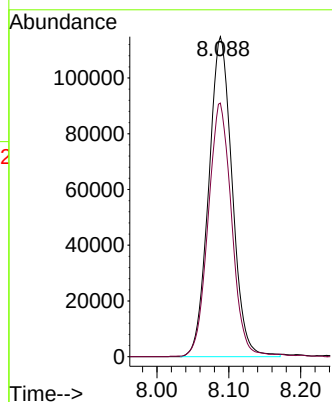
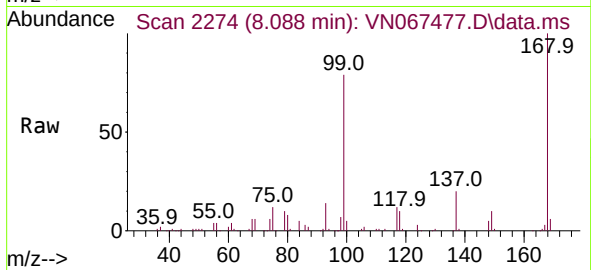




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

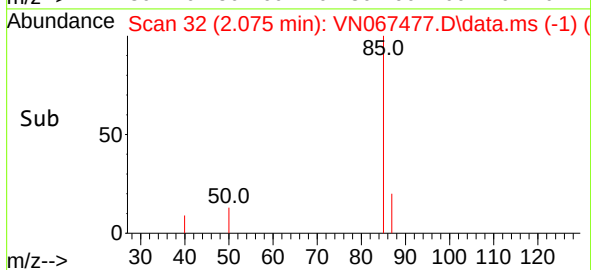
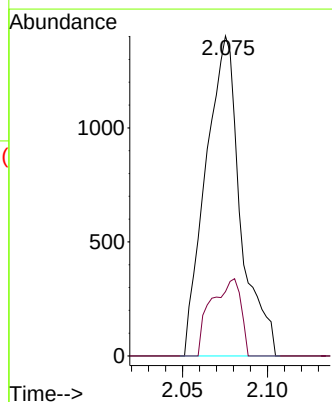
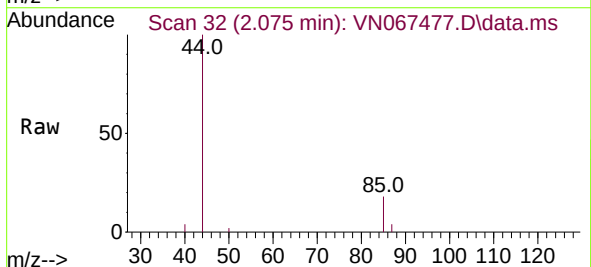
Instrument :
MSVOA_N
ClientSampleId :

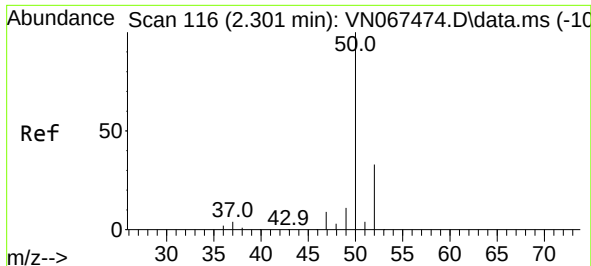
Tgt Ion:168 Resp: 260031
Ion Ratio Lower Upper
168 100
99 79.0 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 0.46 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.005 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 85 Resp: 1992
Ion Ratio Lower Upper
85 100
87 20.1 16.1 48.2

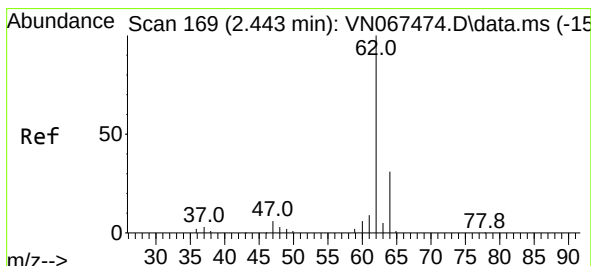
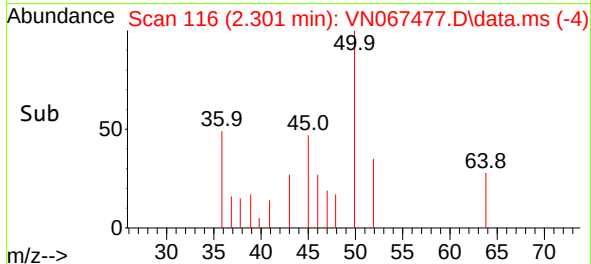
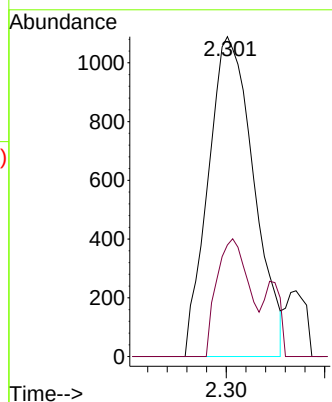
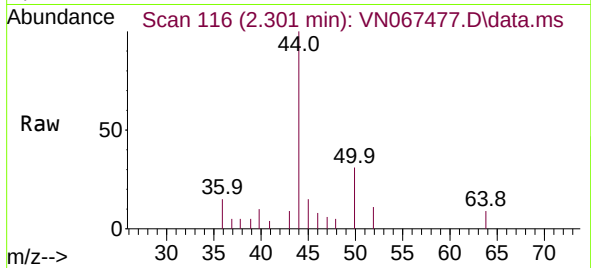




#3
Chloromethane
Concen: 0.36 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

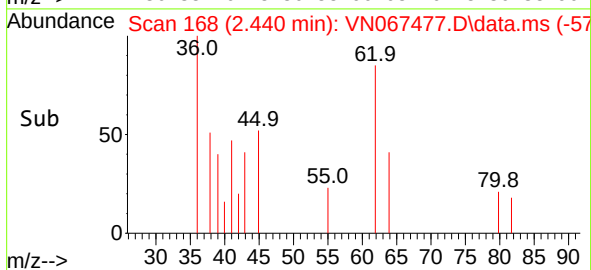
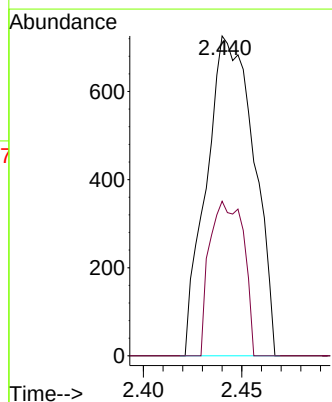
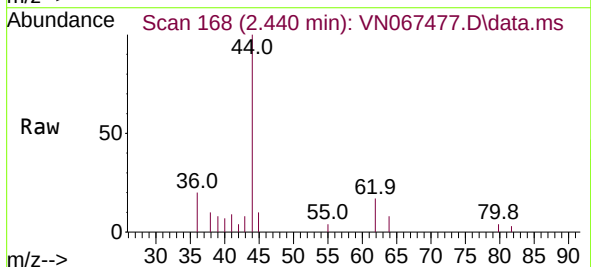
Instrument :
MSVOA_N
ClientSampled :

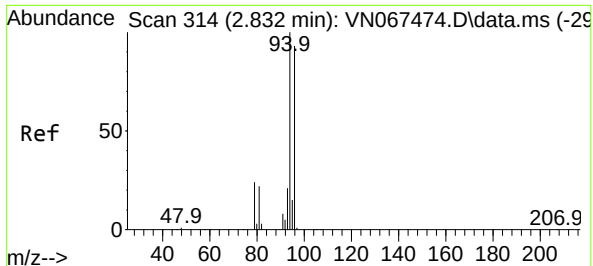
Tgt Ion: 50 Resp: 1750
Ion Ratio Lower Upper
50 100
52 34.9 25.6 38.4



#4
Vinyl Chloride
Concen: 0.28 ug/l
RT: 2.440 min Scan# 168
Delta R.T. -0.003 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

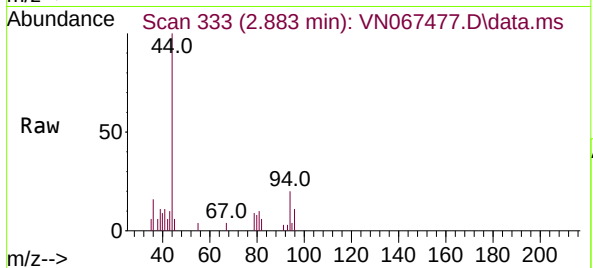
Tgt Ion: 62 Resp: 1216
Ion Ratio Lower Upper
62 100
64 48.3 24.4 36.6#



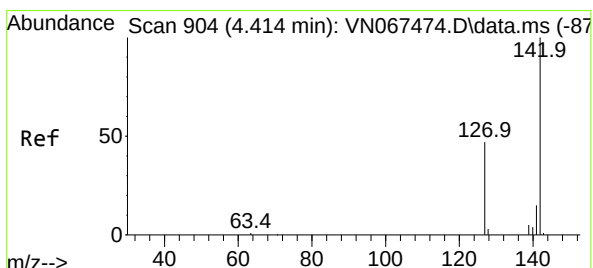
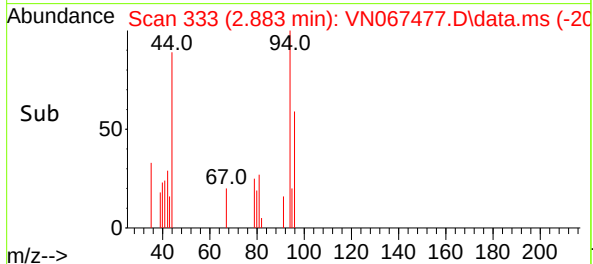
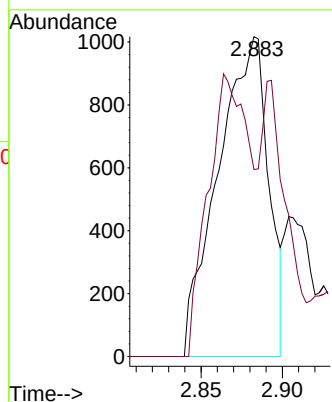


#5
Bromomethane
Concen: 0.91 ug/l
RT: 2.883 min Scan# 333
Delta R.T. 0.051 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Instrument :
MSVOA_N
ClientSampled :

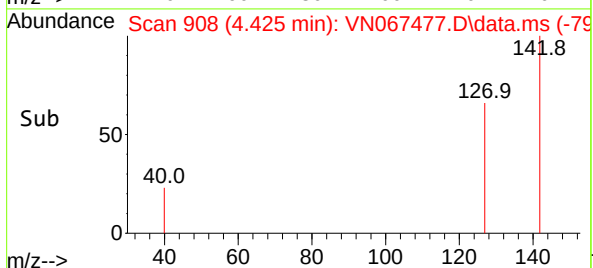
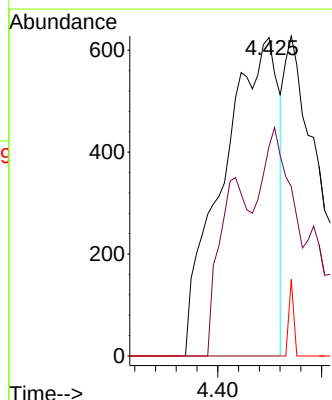
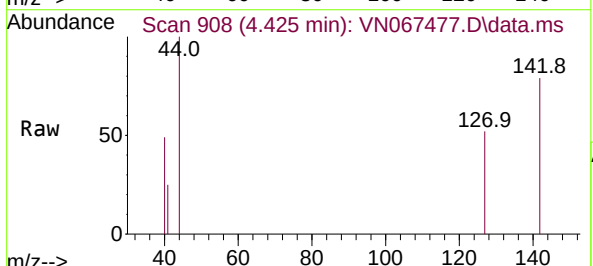


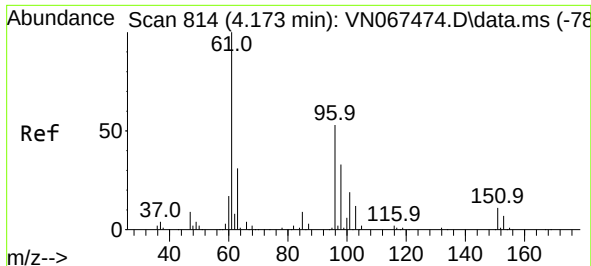
Tgt Ion: 94 Resp: 2182
Ion Ratio Lower Upper
94 100
96 58.5 73.7 110.5#



#10
Methyl Iodide
Concen: 0.29 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.011 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 142 Resp: 1162
Ion Ratio Lower Upper
142 100
127 34.5 43.1 64.7#
141 2.1 11.4 17.0#





#12

1,1-Dichloroethene

Concen: 0.21 ug/l

RT: 4.181 min Scan# 817

Delta R.T. 0.008 min

Lab File: VN067477.D

Acq: 24 Jun 2021 12:21

Tgt Ion: 96 Resp: 751

Ion Ratio Lower Upper

96 100

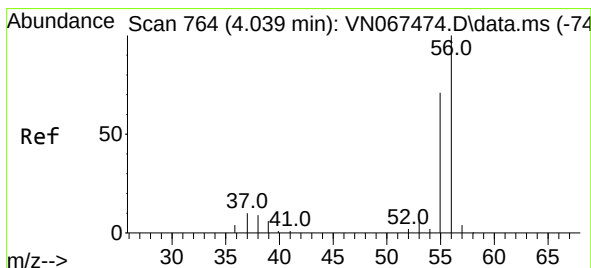
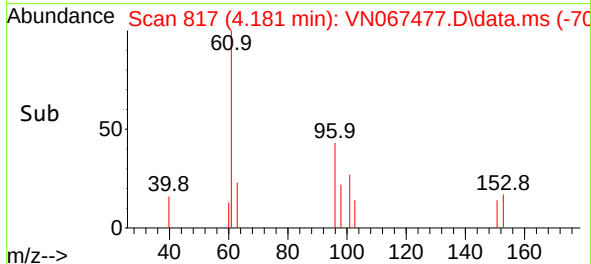
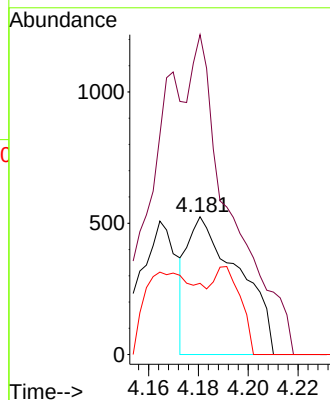
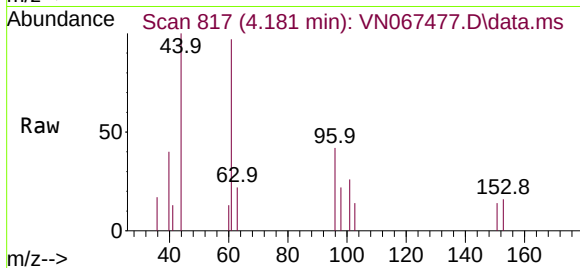
61 190.9 152.6 229.0

98 51.6 50.9 76.3

Instrument :

MSVOA_N

ClientSampled :



#13

Acrolein

Concen: 2.32 ug/l

RT: 4.041 min Scan# 765

Delta R.T. 0.002 min

Lab File: VN067477.D

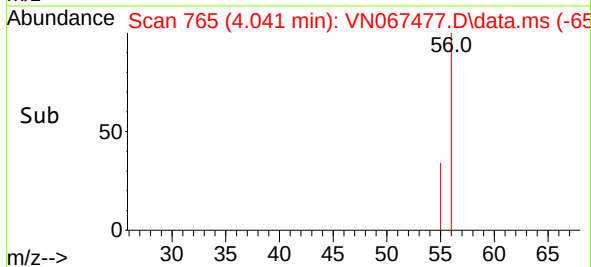
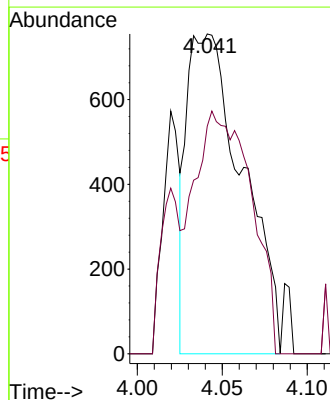
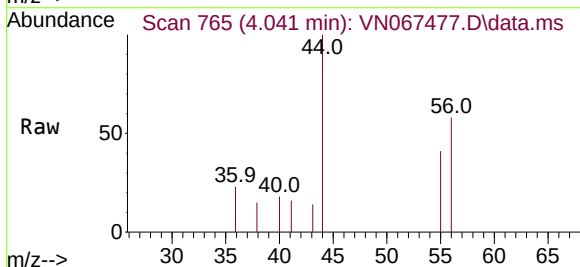
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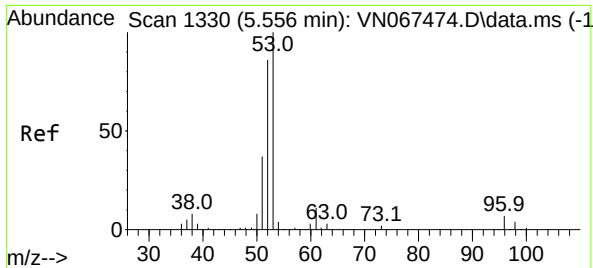
Tgt Ion: 56 Resp: 1717

Ion Ratio Lower Upper

56 100

55 76.5 57.4 86.0

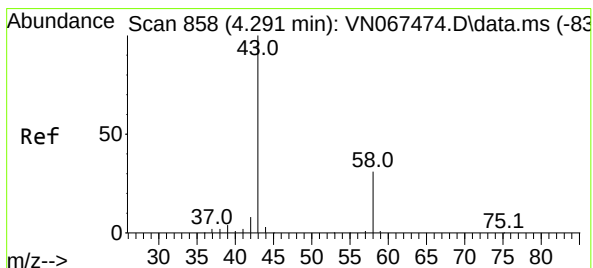
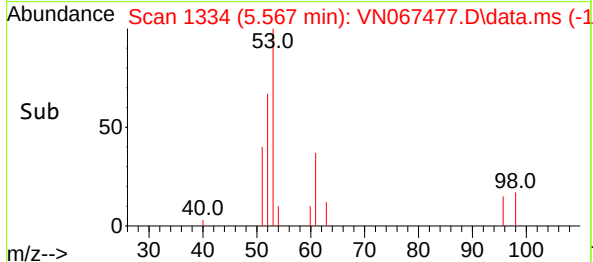
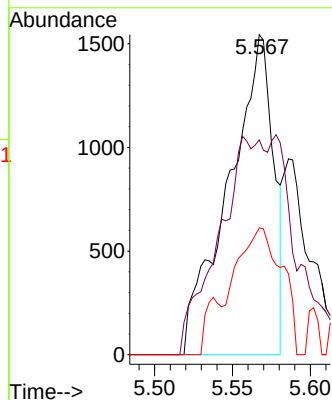
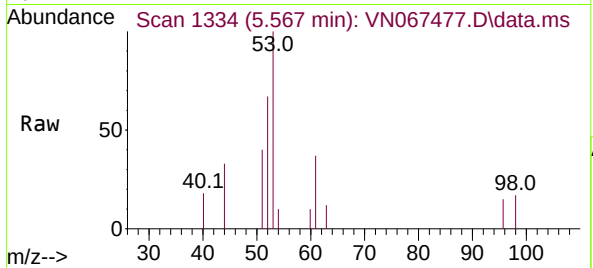




#15
Acrylonitrile
Concen: 1.34 ug/l
RT: 5.567 min Scan# 1334
Delta R.T. 0.011 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

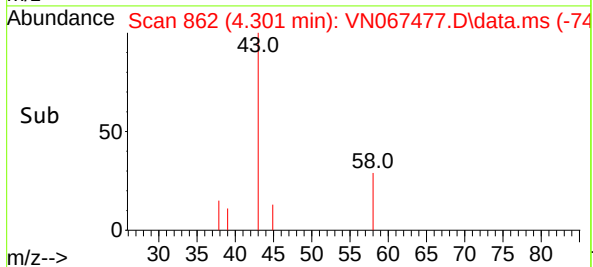
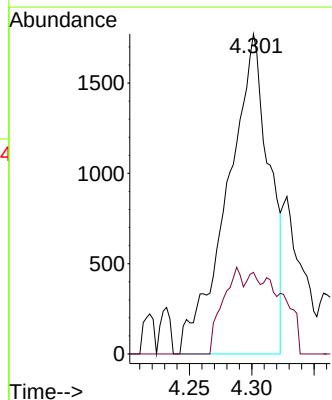
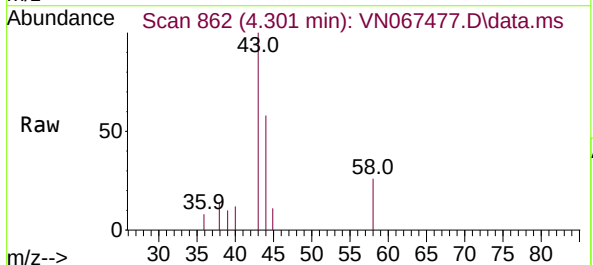
Instrument :
MSVOA_N
ClientSampled :

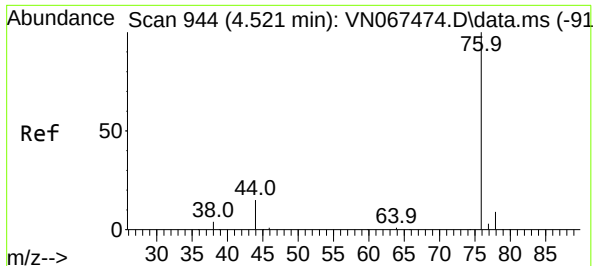
Tgt Ion: 53 Resp: 3096
Ion Ratio Lower Upper
53 100
52 51.2 66.2 99.2#
51 40.1 30.2 45.4



#16
Acetone
Concen: 2.01 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 43 Resp: 4100
Ion Ratio Lower Upper
43 100
58 25.5 21.2 31.8

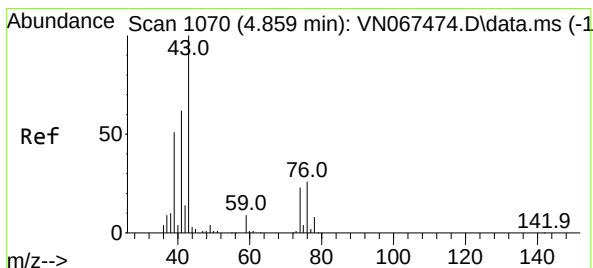
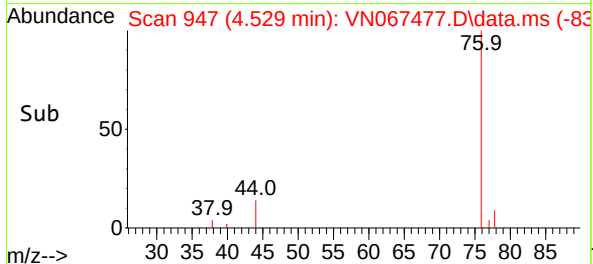
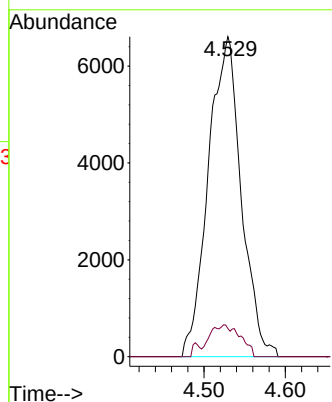
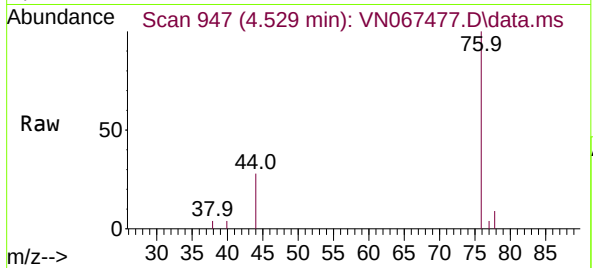




#17
Carbon Disulfide
Concen: 1.60 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.008 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

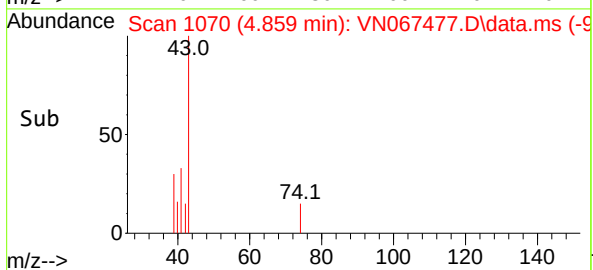
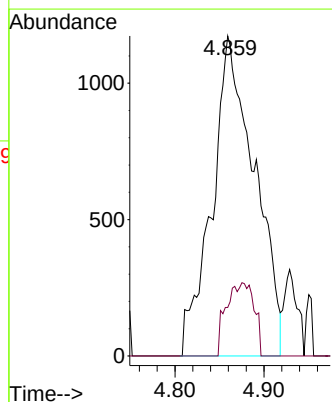
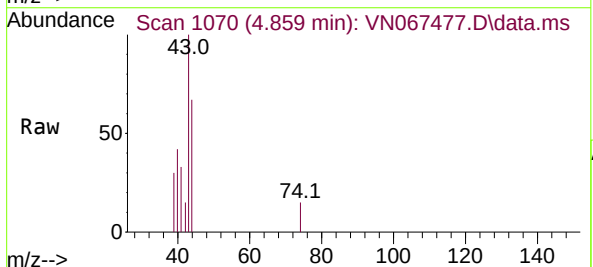
Instrument :
MSVOA_N
ClientSampled :

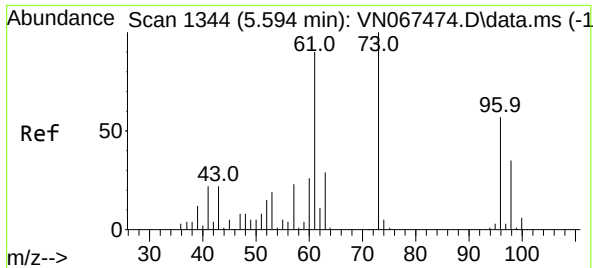
Tgt Ion: 76 Resp: 18574
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5



#18
Methyl Acetate
Concen: 0.69 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 43 Resp: 3896
Ion Ratio Lower Upper
43 100
74 6.7 17.4 26.0#

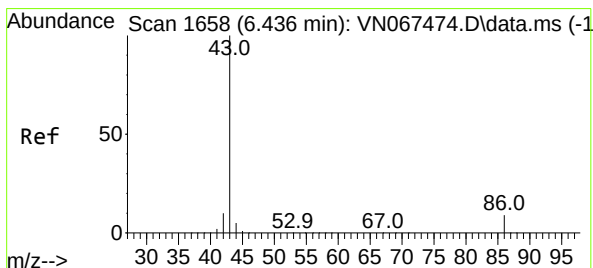
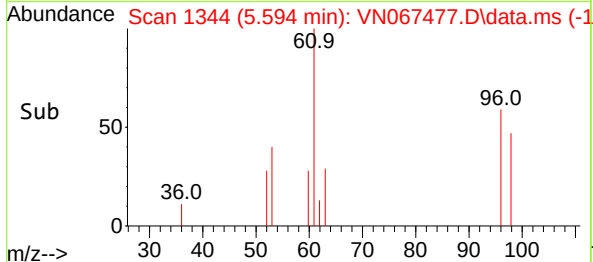
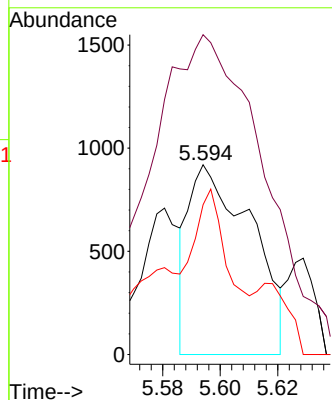
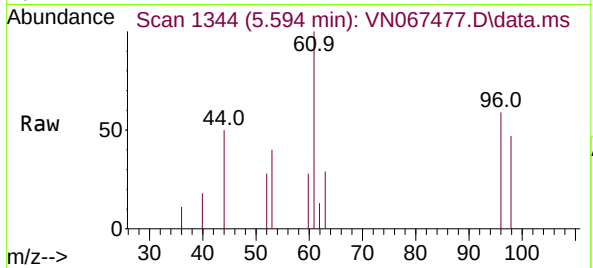




#21
trans-1,2-Dichloroethene
Concen: 0.36 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

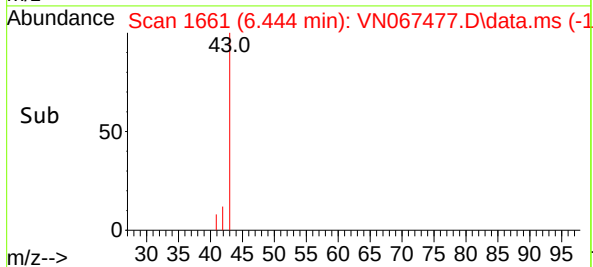
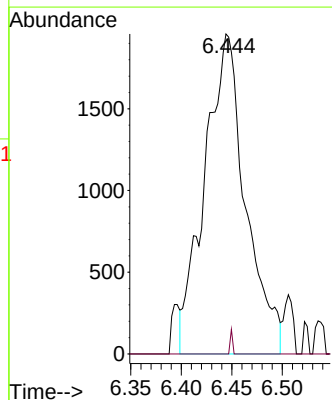
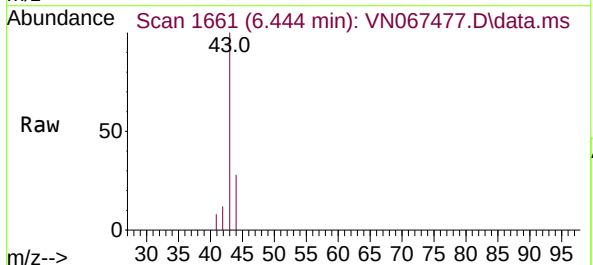
Instrument :
MSVOA_N
ClientSampled :

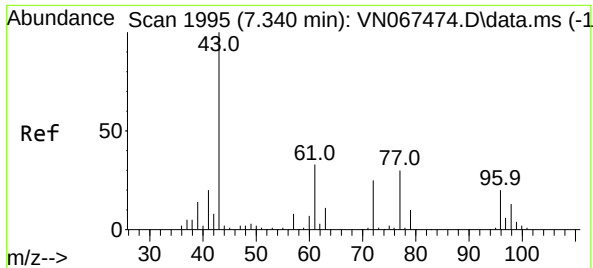
Tgt Ion: 96 Resp: 1394
Ion Ratio Lower Upper
96 100
61 141.6 123.5 185.3
98 73.7 48.6 72.8#



#23
Vinyl Acetate
Concen: 0.42 ug/l
RT: 6.444 min Scan# 1661
Delta R.T. 0.008 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 43 Resp: 5503
Ion Ratio Lower Upper
43 100
86 0.0 7.3 10.9#

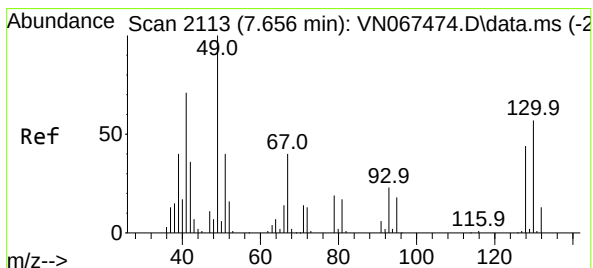
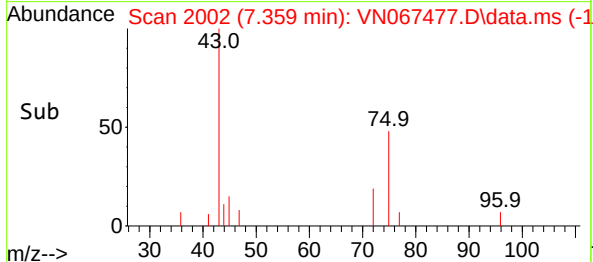
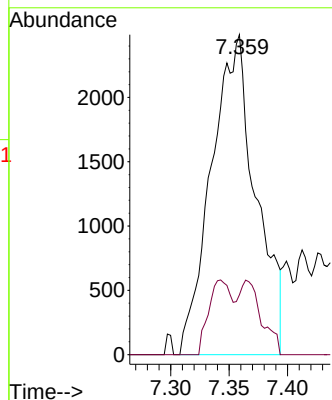
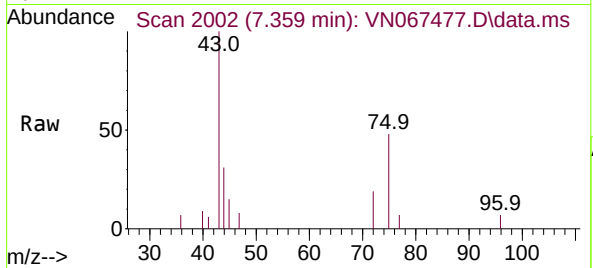




#25
2-Butanone
Concen: 2.08 ug/l
RT: 7.359 min Scan# 2002
Delta R.T. 0.019 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

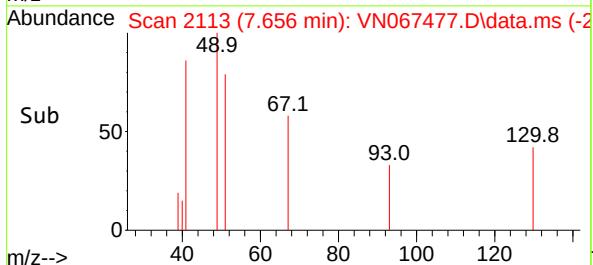
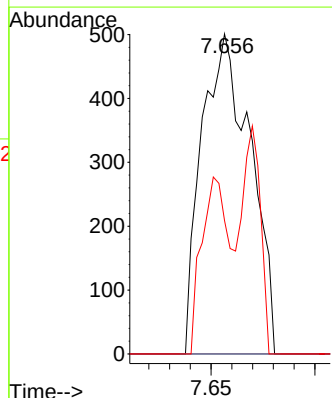
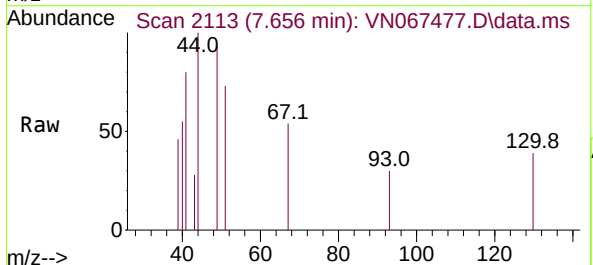
Instrument :
MSVOA_N
ClientSampled :

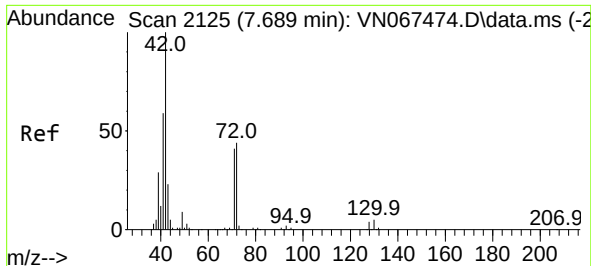
Tgt Ion: 43 Resp: 6594
Ion Ratio Lower Upper
43 100
72 18.7 19.7 29.5#



#28
Bromochloromethane
Concen: 0.20 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 49 Resp: 816
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 32.1 49.7 74.5#





#29

Tetrahydrofuran

Concen: 1.32 ug/l

RT: 7.707 min Scan# 2132

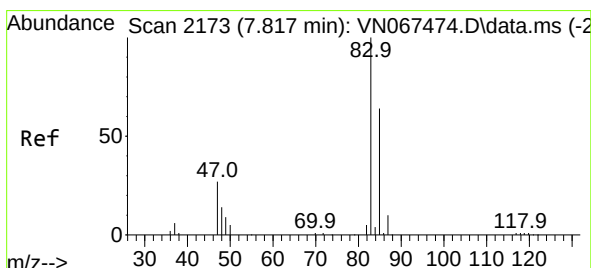
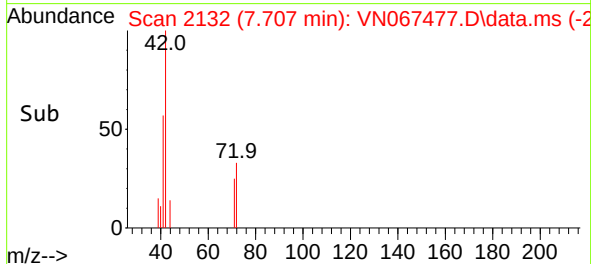
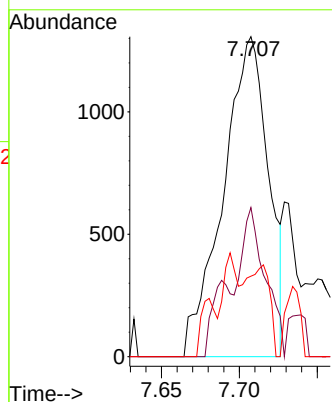
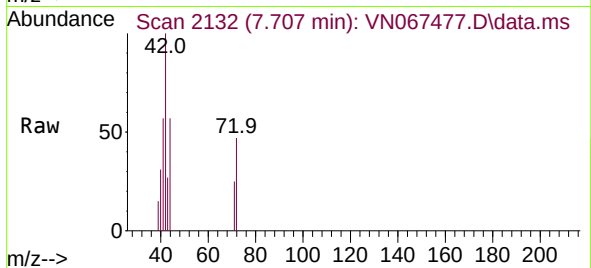
Delta R.T. 0.018 min

Lab File: VN067477.D

Acq: 24 Jun 2021 12:21

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	42	Resp:	2641
Ion	Ratio	Lower	Upper
42	100		
72	25.0	32.8	49.2#
71	0.0	31.2	46.8#



#30

Chloroform

Concen: 0.21 ug/l

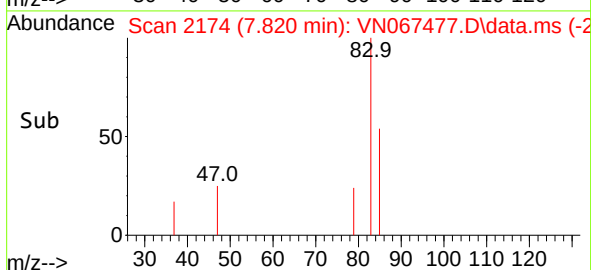
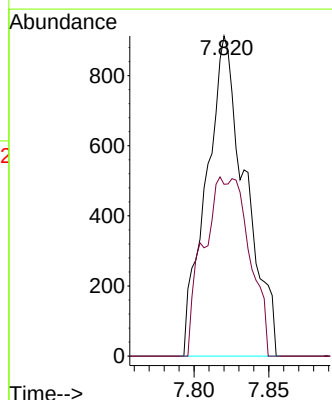
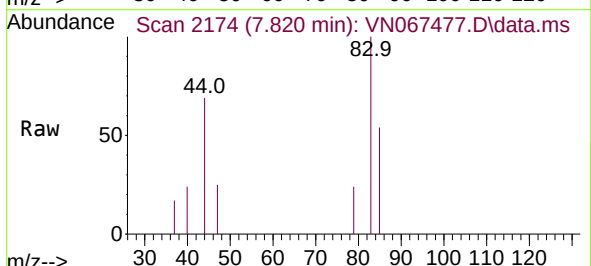
RT: 7.820 min Scan# 2174

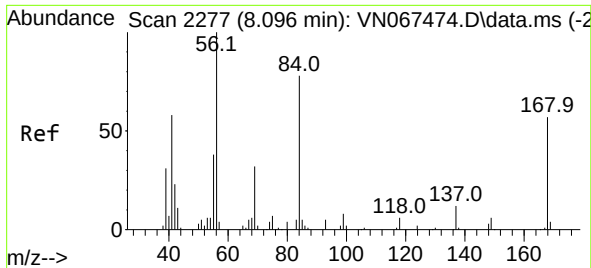
Delta R.T. 0.003 min

Lab File: VN067477.D

Acq: 24 Jun 2021 12:21

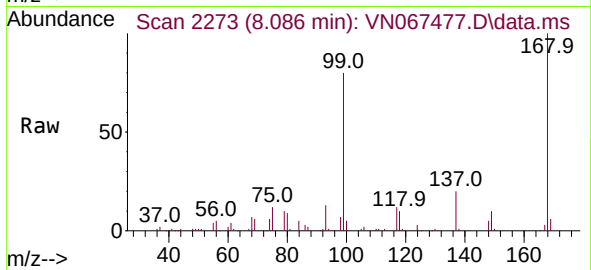
Tgt Ion:	83	Resp:	1664
Ion	Ratio	Lower	Upper
83	100		
85	53.7	51.5	77.3



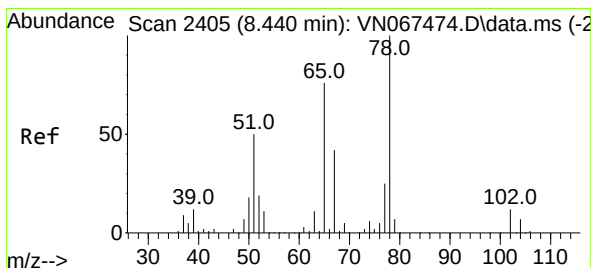
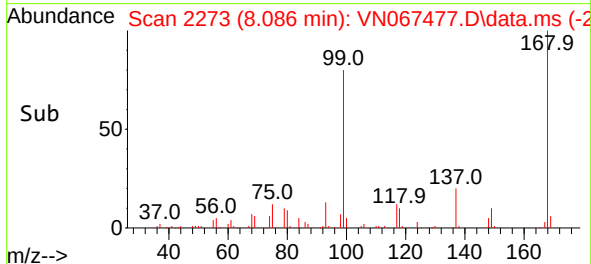
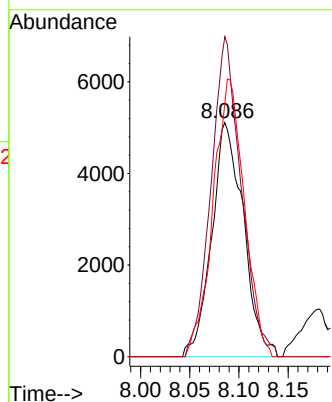


#31
Cyclohexane
Concen: 1.34 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Instrument :
MSVOA_N
ClientSampled :

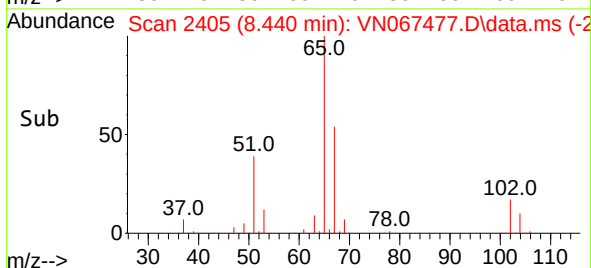
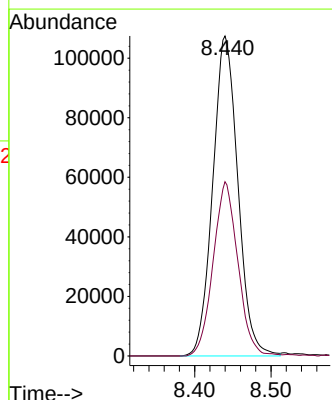
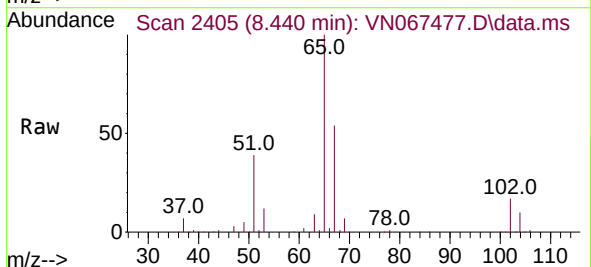


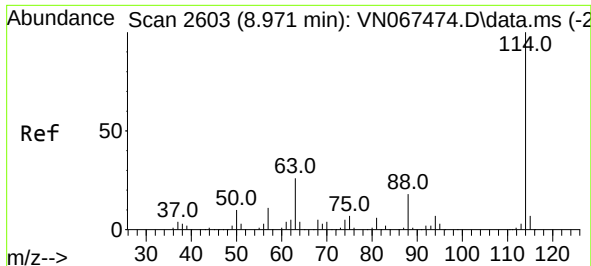
Tgt Ion: 56 Resp: 11442
Ion Ratio Lower Upper
56 100
69 136.7 27.3 40.9#
84 108.2 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 46.21 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 65 Resp: 245906
Ion Ratio Lower Upper
65 100
67 53.6 0.0 98.6

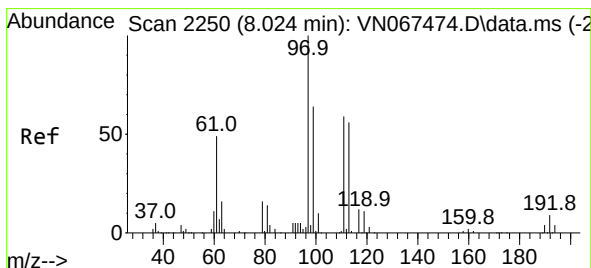
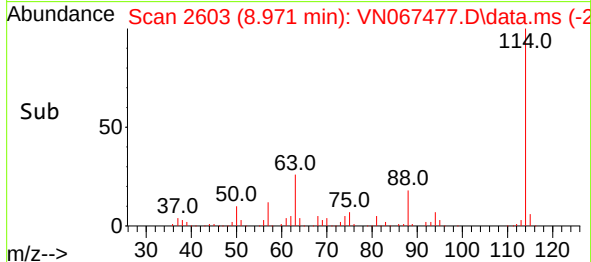
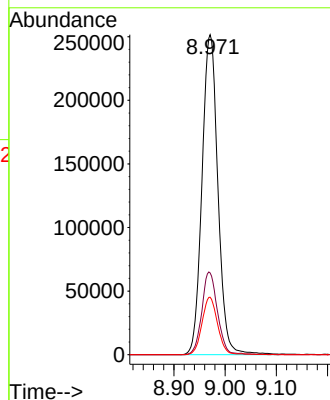
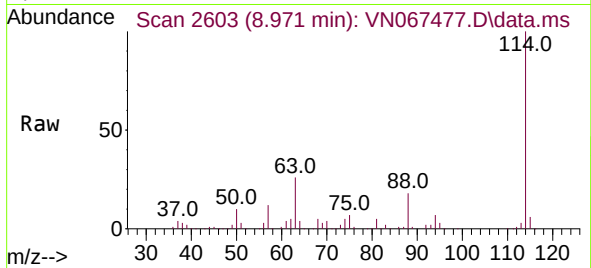




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

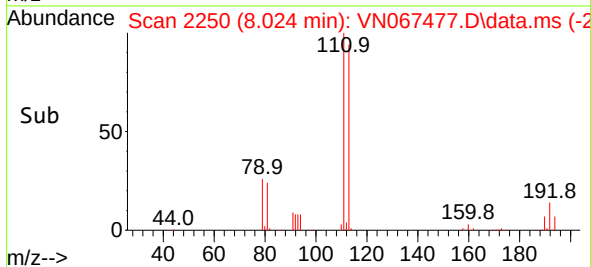
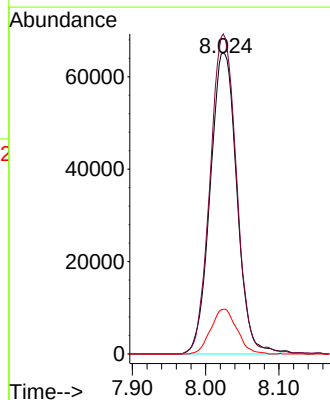
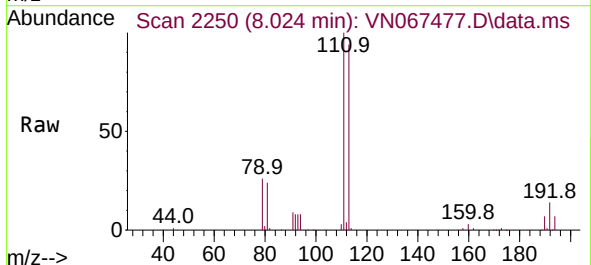
Instrument :
MSVOA_N
ClientSampleId :

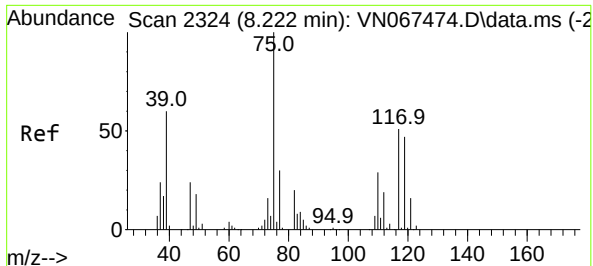
Tgt Ion:114 Resp: 543169
Ion Ratio Lower Upper
114 100
63 25.6 0.0 49.0
88 17.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.06 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion:113 Resp: 164164
Ion Ratio Lower Upper
113 100
111 105.8 83.8 125.8
192 14.6 13.4 20.0

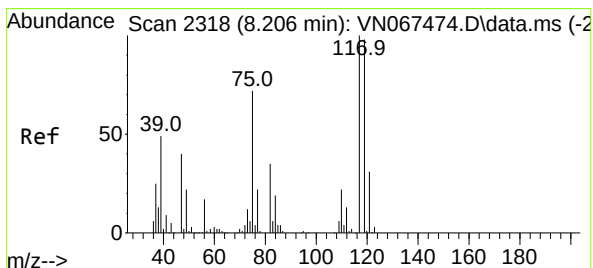
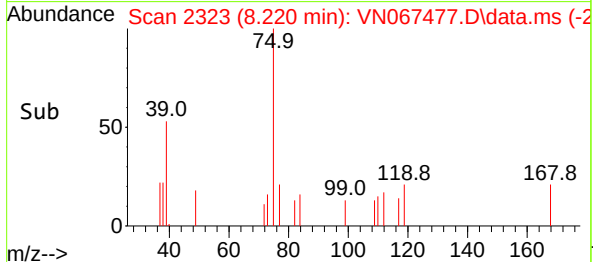
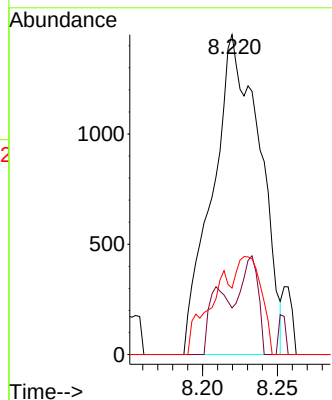
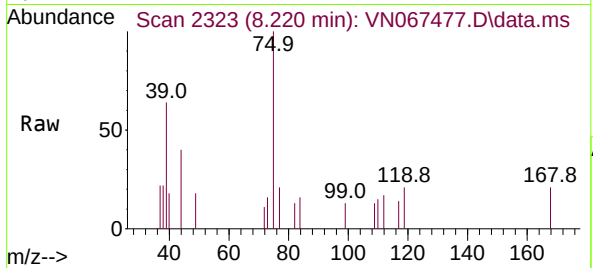




#36
1,1-Dichloropropene
Concen: 0.52 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.002 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

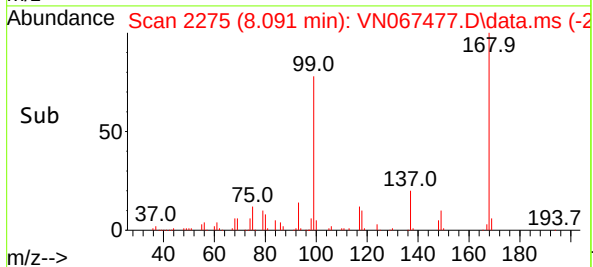
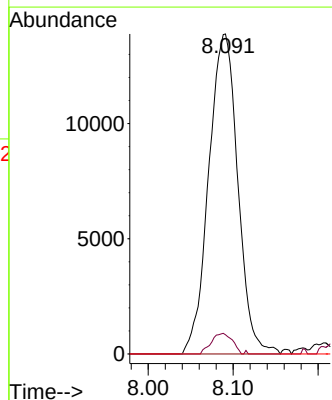
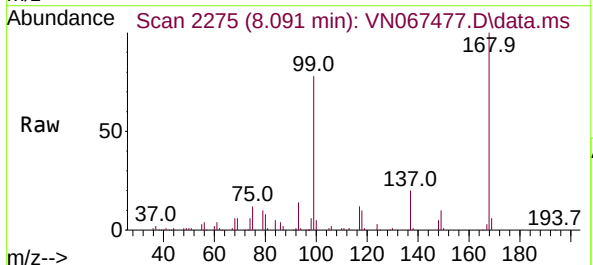
Instrument :
MSVOA_N
ClientSampled :

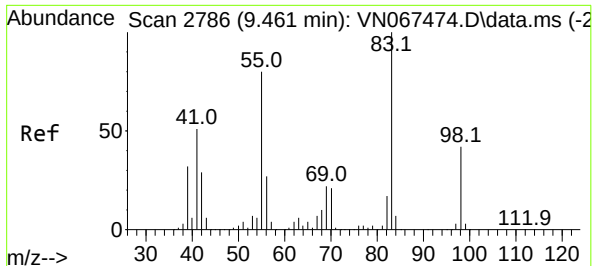
Tgt Ion: 75 Resp: 3188
Ion Ratio Lower Upper
75 100
110 9.1 15.7 47.0#
77 13.6 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.115 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 117 Resp: 33057
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.2#
121 0.0 23.5 35.3#





#39

Methylcyclohexane

Concen: 0.40 ug/l

RT: 9.461 min Scan# 2786

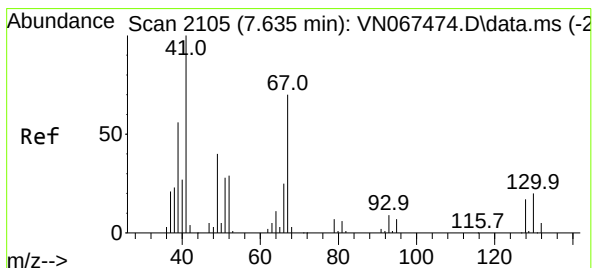
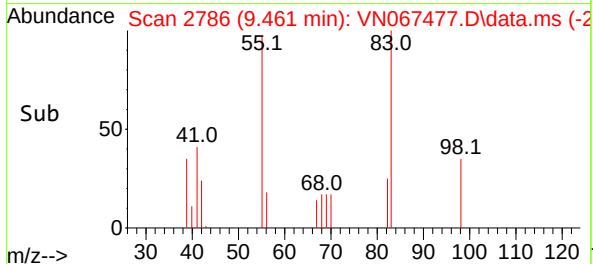
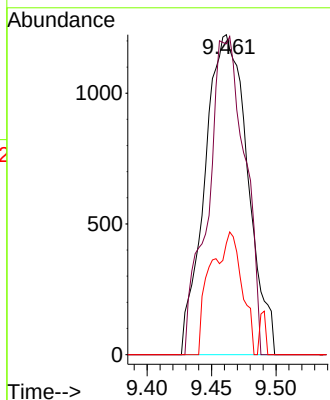
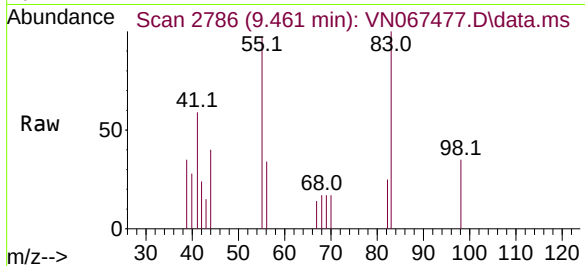
Delta R.T. 0.000 min

Lab File: VN067477.D

Acq: 24 Jun 2021 12:21

Tgt Ion:	83	Resp:	2824
Ion	Ratio	Lower	Upper
83	100		
55	97.1	66.6	99.8
98	34.8	35.3	52.9#

Instrument :
MSVOA_N
ClientSampleId :



#41

Methacrylonitrile

Concen: 0.35 ug/l

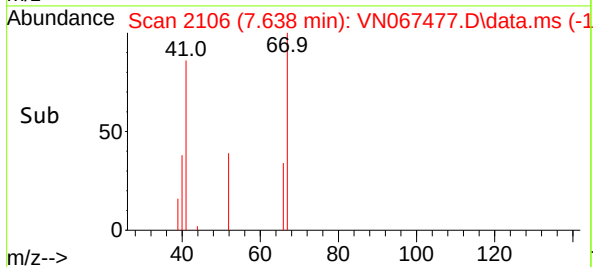
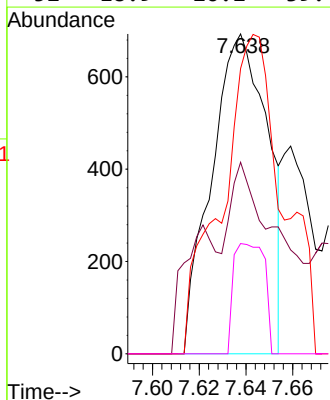
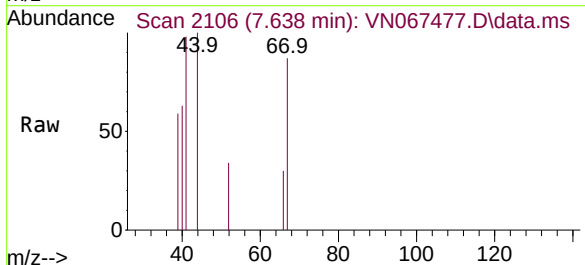
RT: 7.638 min Scan# 2106

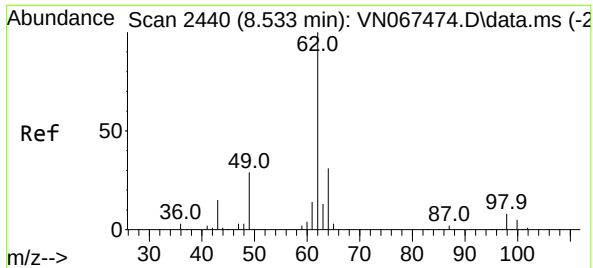
Delta R.T. 0.003 min

Lab File: VN067477.D

Acq: 24 Jun 2021 12:21

Tgt Ion:	41	Resp:	1158
Ion	Ratio	Lower	Upper
41	100		
39	27.5	47.6	71.4#
67	108.6	57.7	86.5#
52	18.9	26.2	39.4#





#42

1,2-Dichloroethane

Concen: 0.32 ug/l

RT: 8.533 min Scan# 2440

Delta R.T. 0.000 min

Lab File: VN067477.D

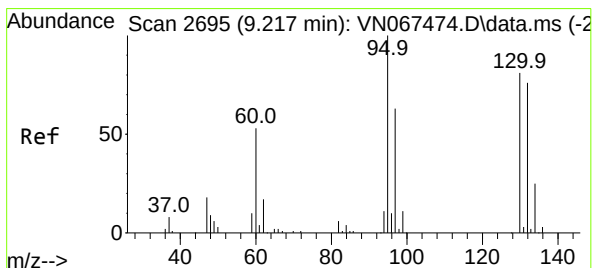
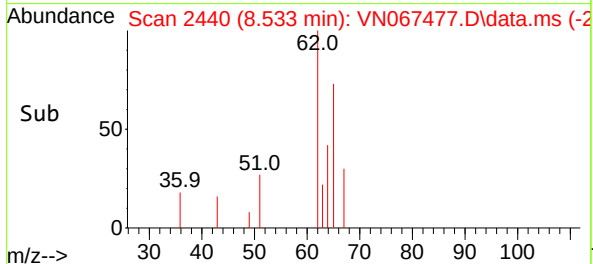
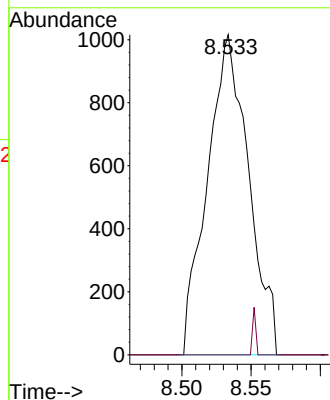
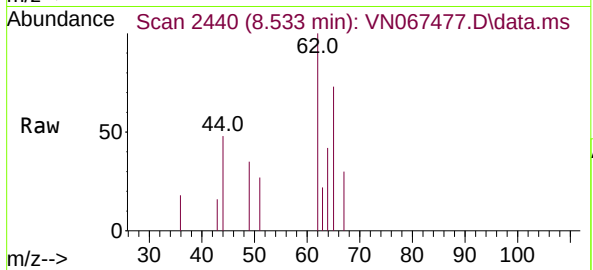
Acq: 24 Jun 2021 12:21

Tgt Ion: 62 Resp: 2105

Ion Ratio Lower Upper

62 100

98 1.1 0.0 14.2



#44

Trichloroethene

Concen: 0.60 ug/l

RT: 9.220 min Scan# 2696

Delta R.T. 0.003 min

Lab File: VN067477.D

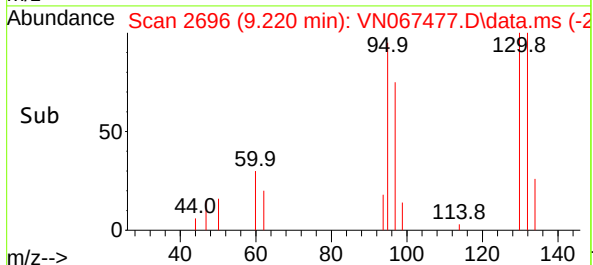
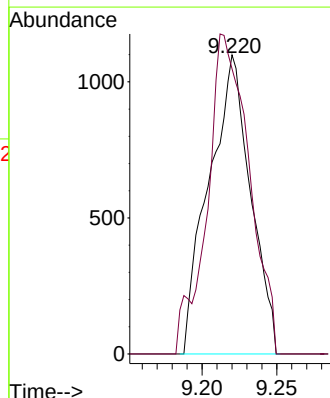
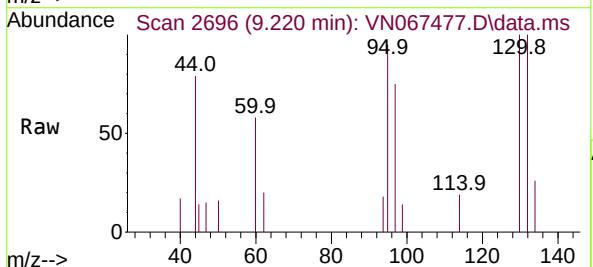
Acq: 24 Jun 2021 12:21

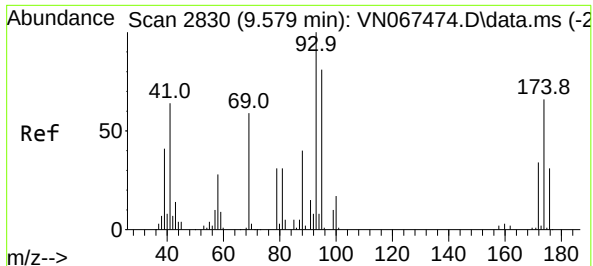
Tgt Ion: 130 Resp: 2128

Ion Ratio Lower Upper

130 100

95 95.4 0.0 234.4

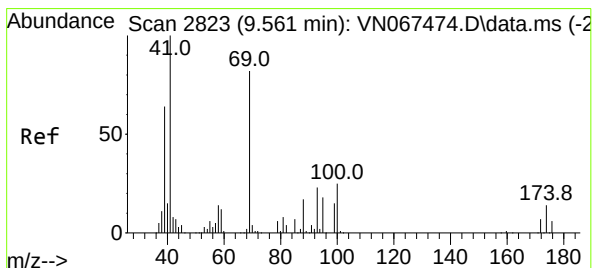
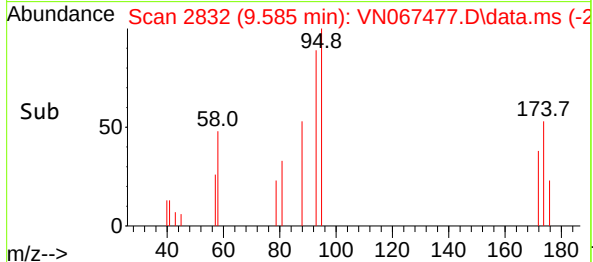
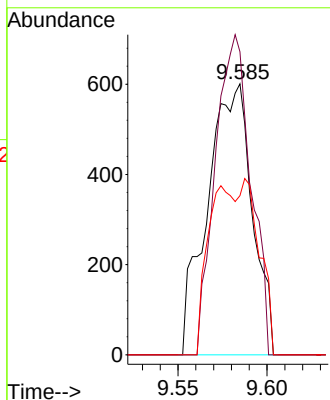
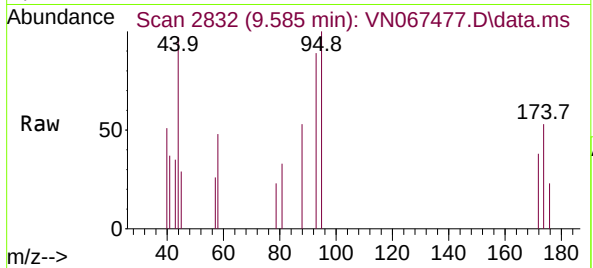




#46
Dibromomethane
Concen: 0.35 ug/l
RT: 9.585 min Scan# 2832
Delta R.T. 0.006 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

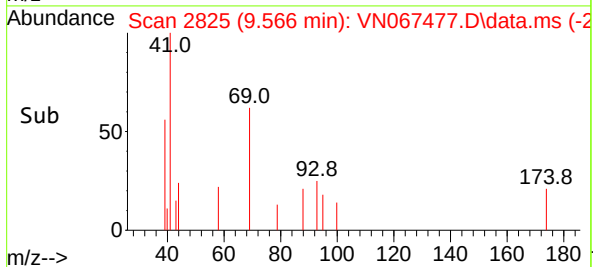
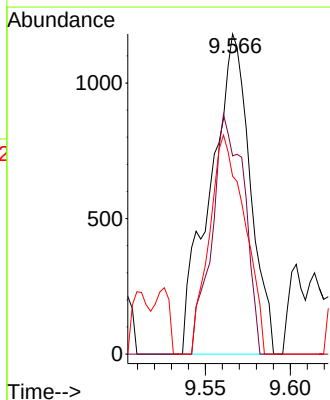
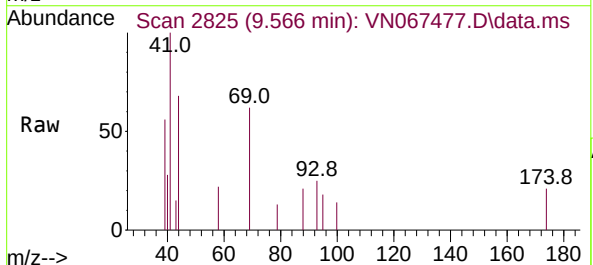
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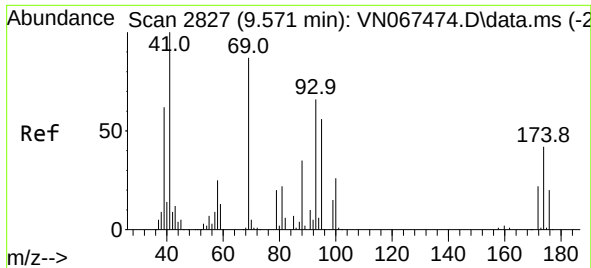
Tgt Ion: 93 Resp: 1057
Ion Ratio Lower Upper
93 100
95 93.2 66.1 99.1
174 38.3 61.0 91.4#



#48
Methyl methacrylate
Concen: 0.40 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. 0.005 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 41 Resp: 1921
Ion Ratio Lower Upper
41 100
69 60.7 64.6 96.8#
39 61.0 53.3 79.9

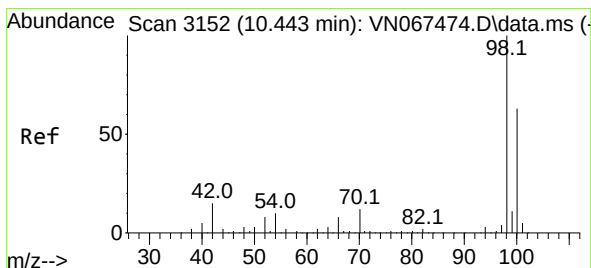
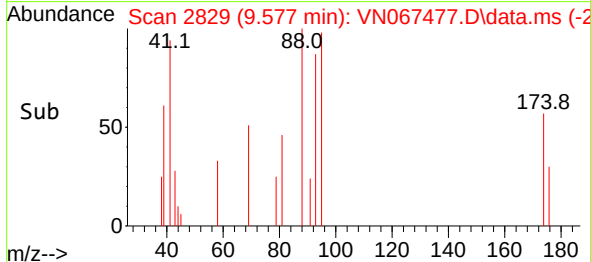
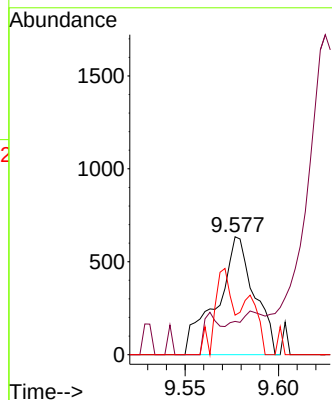
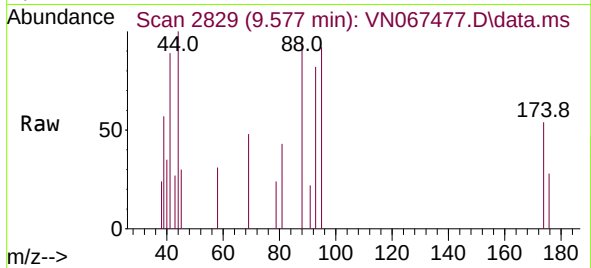




#49
1,4-Dioxane
Concen: 12.81 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

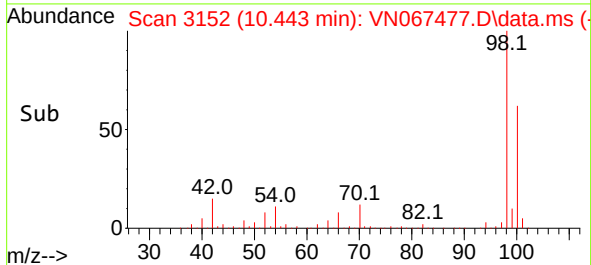
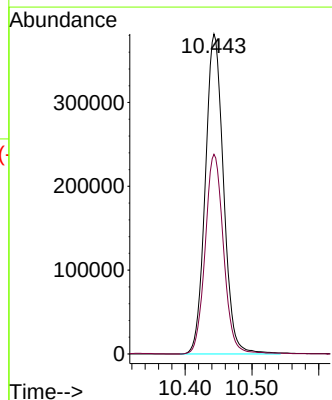
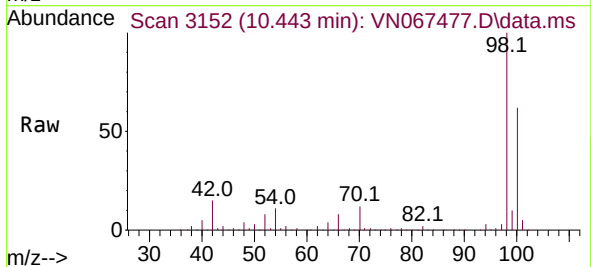
Instrument :
MSVOA_N
ClientSampled :

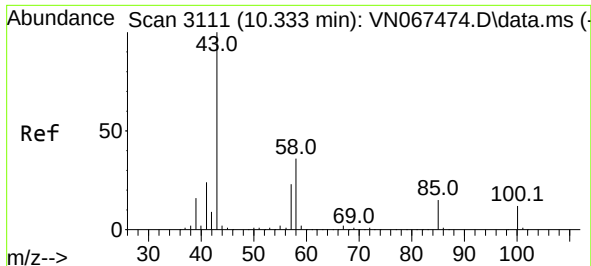
Tgt Ion: 88 Resp: 882
Ion Ratio Lower Upper
88 100
43 16.6 28.8 43.2#
58 33.6 60.4 90.6#



#50
Toluene-d8
Concen: 50.73 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 98 Resp: 723980
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5

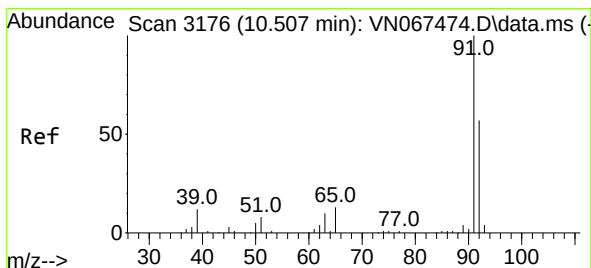
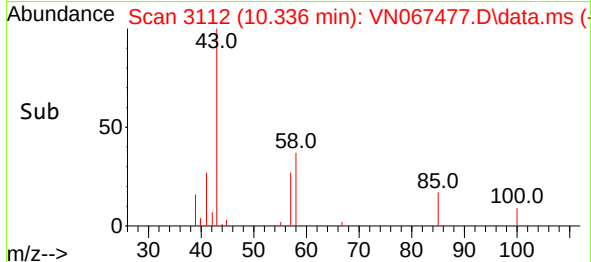
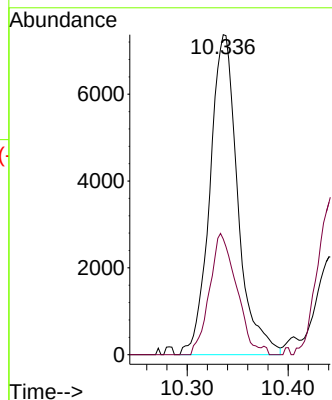
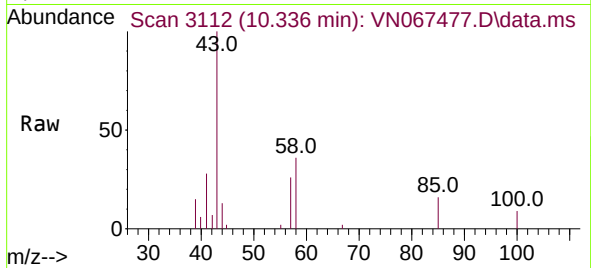




#51
4-Methyl-2-Pentanone
Concen: 2.17 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

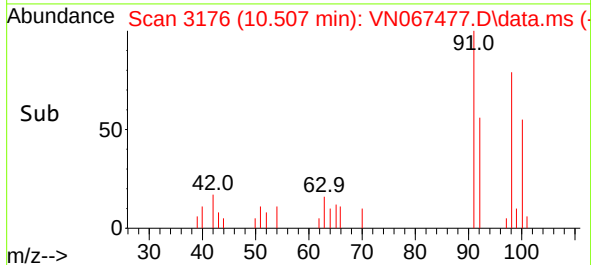
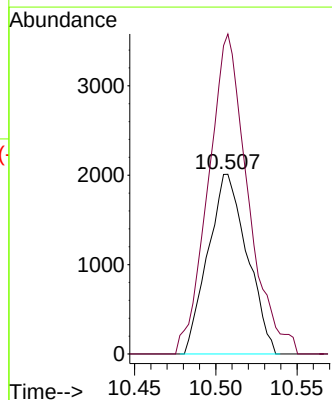
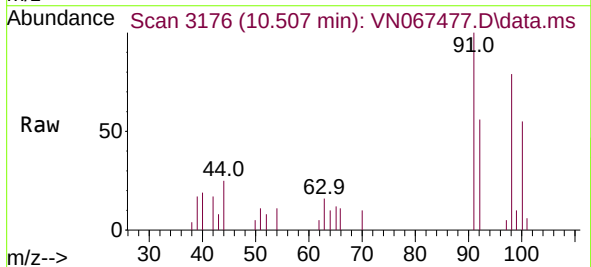
Instrument :
MSVOA_N
ClientSampleId :

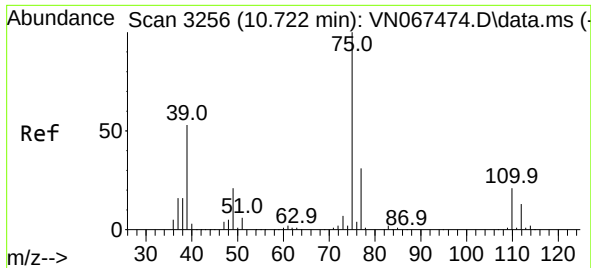
Tgt Ion: 43 Resp: 14151
Ion Ratio Lower Upper
43 100
58 36.8 28.6 43.0



#52
Toluene
Concen: 0.32 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 92 Resp: 3374
Ion Ratio Lower Upper
92 100
91 179.5 139.6 209.4

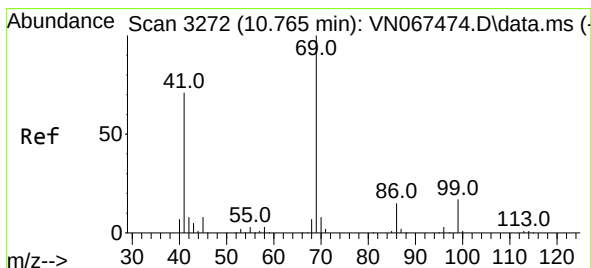
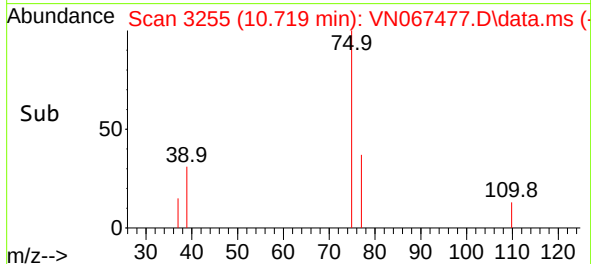
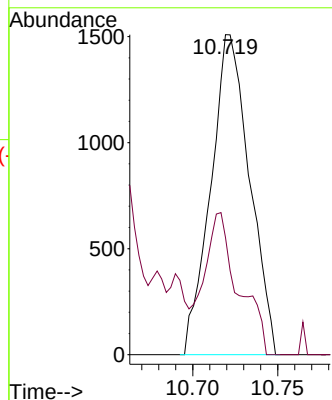
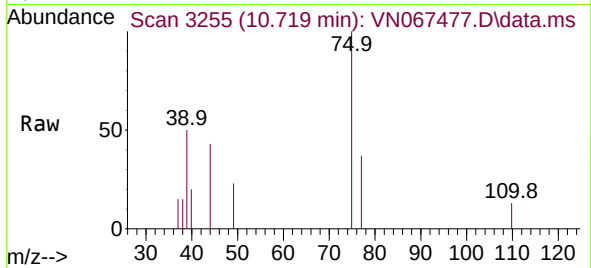




#53
t-1,3-Dichloropropene
Concen: 2.30 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

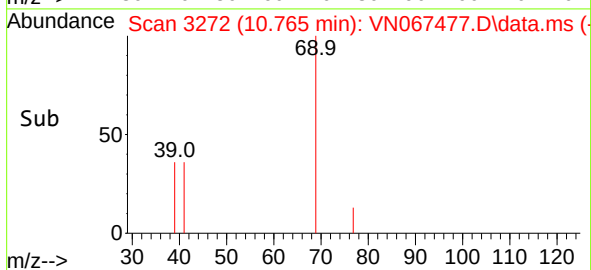
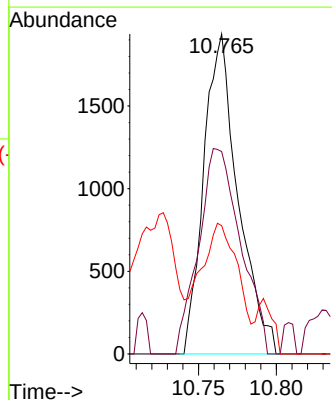
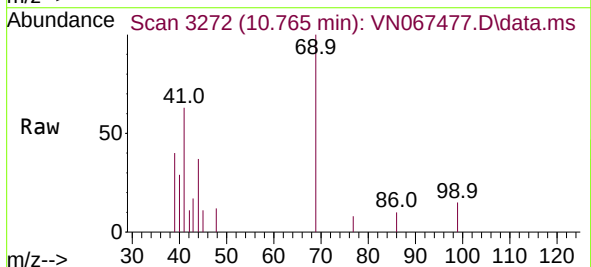
Instrument :
MSVOA_N
ClientSampled :

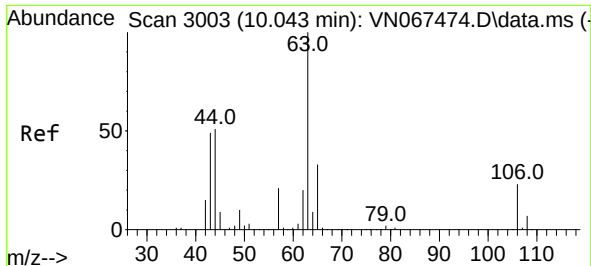
Tgt Ion: 75 Resp: 2398
Ion Ratio Lower Upper
75 100
77 36.6 25.1 37.7



#56
Ethyl methacrylate
Concen: 0.41 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 69 Resp: 2965
Ion Ratio Lower Upper
69 100
41 78.4 58.6 88.0
39 44.3 38.3 57.5

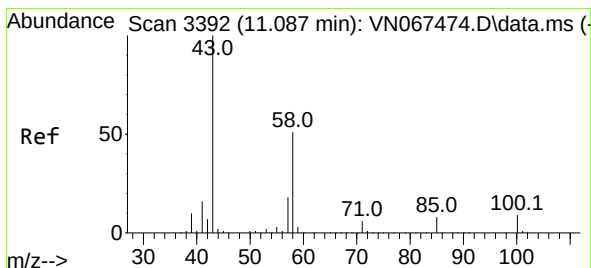
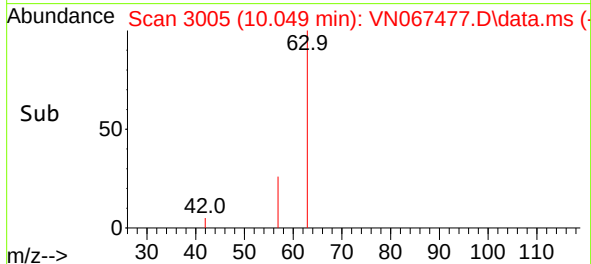
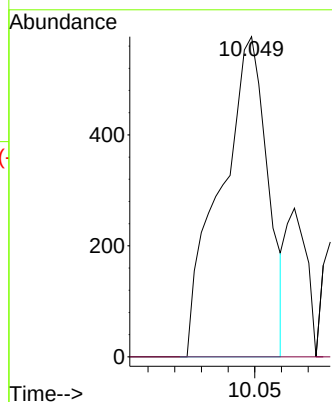
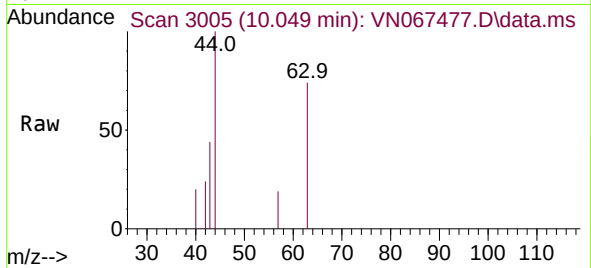




#58
2-Chloroethyl Vinyl ether
Concen: 17.57 ug/l
RT: 10.049 min Scan# 3005
Delta R.T. 0.006 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

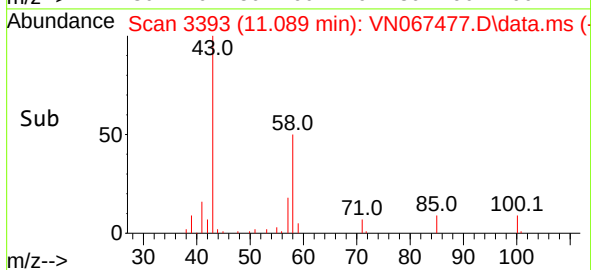
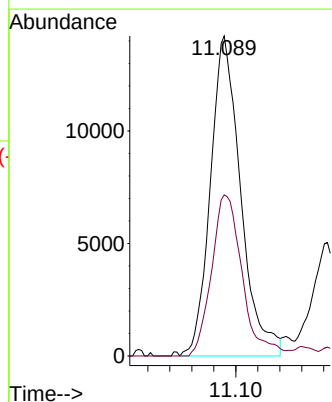
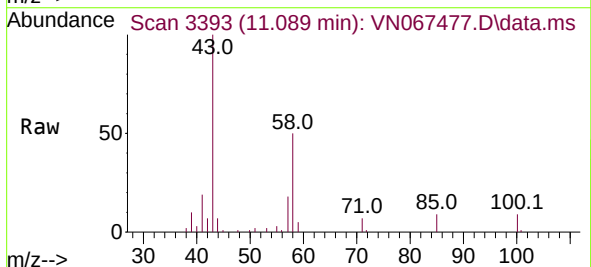
Instrument :
MSVOA_N
ClientSampled :

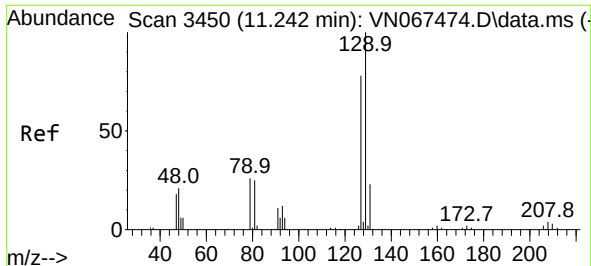
Tgt Ion: 63 Resp: 708
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#



#59
2-Hexanone
Concen: 5.93 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 43 Resp: 27193
Ion Ratio Lower Upper
43 100
58 50.8 24.7 74.1

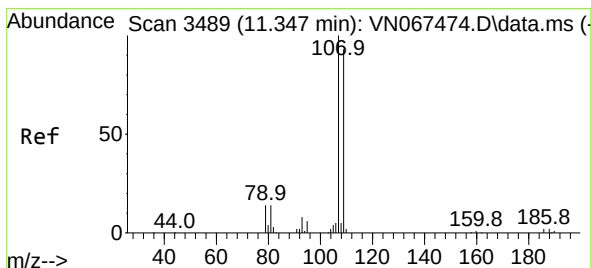
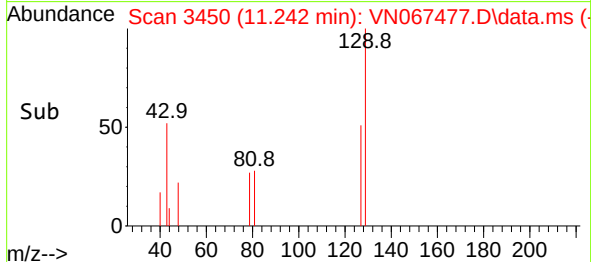
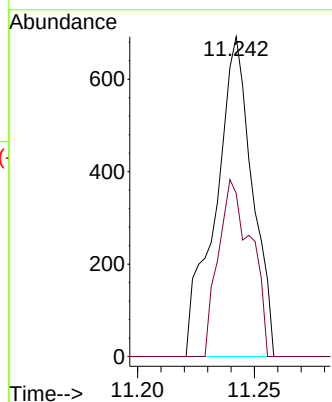
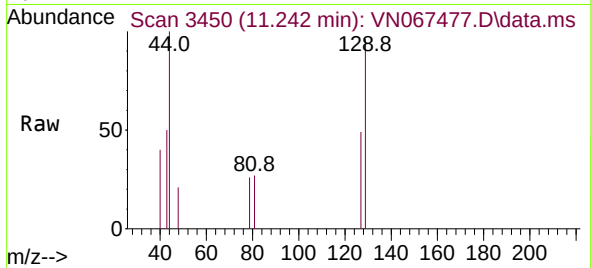




#60
Dibromochloromethane
Concen: 2.21 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

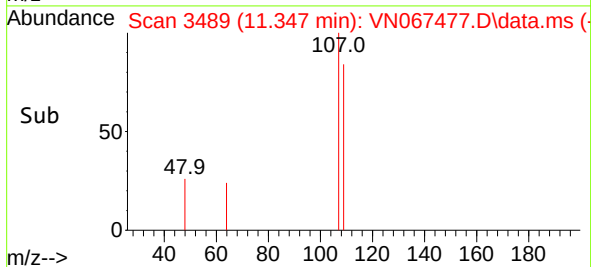
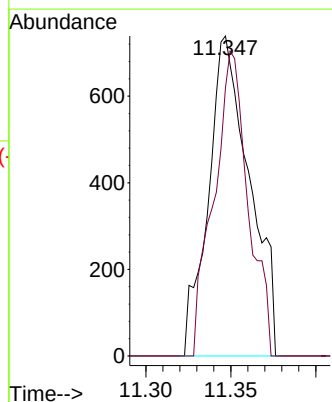
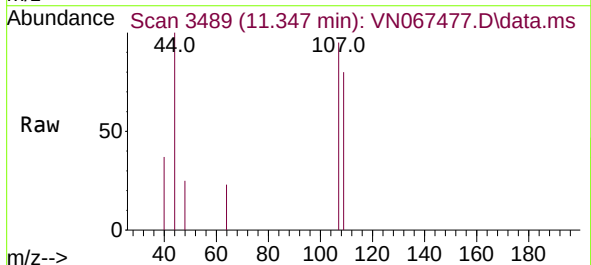
Instrument :
MSVOA_N
ClientSampleId :

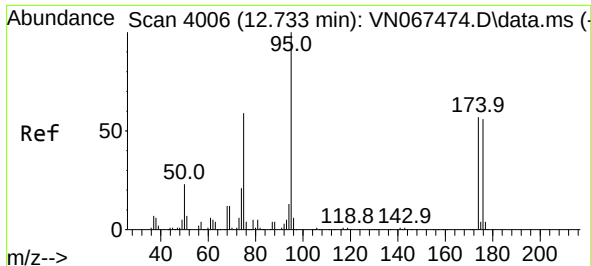
Tgt Ion:129 Resp: 757
Ion Ratio Lower Upper
129 100
127 49.4 38.6 115.8



#61
1,2-Dibromoethane
Concen: 0.32 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion:107 Resp: 1248
Ion Ratio Lower Upper
107 100
109 79.3 75.0 112.4

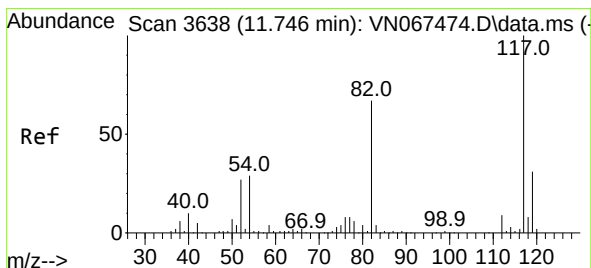
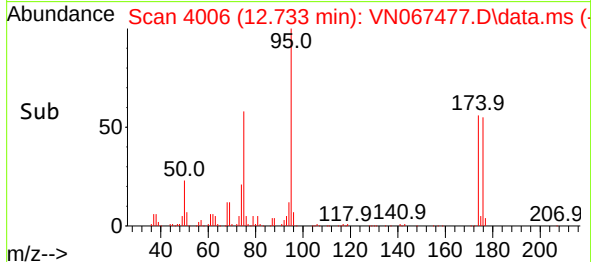
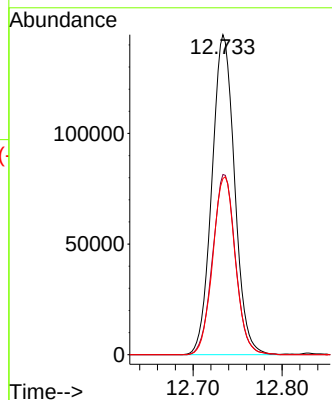
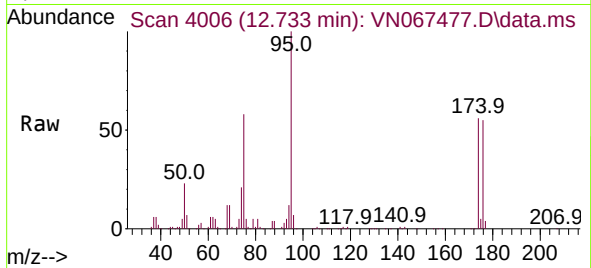




#62
4-Bromofluorobenzene
Concen: 50.34 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

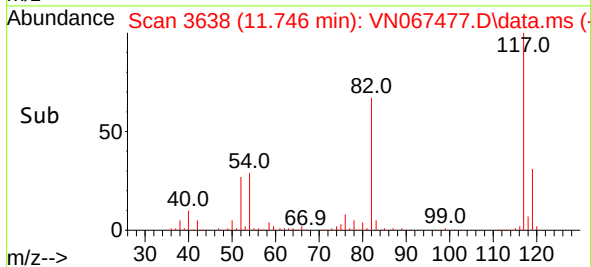
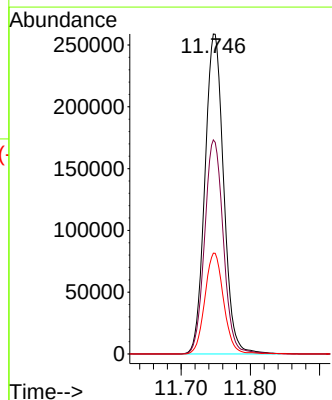
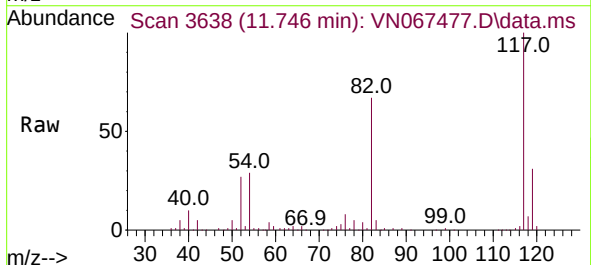
Instrument :
MSVOA_N
ClientSampled :

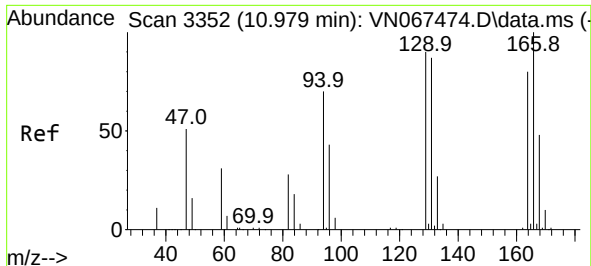
Tgt Ion: 95 Resp: 256003
Ion Ratio Lower Upper
95 100
174 56.5 0.0 122.0
176 55.5 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 117 Resp: 486248
Ion Ratio Lower Upper
117 100
82 66.9 53.1 79.7
119 31.5 25.5 38.3

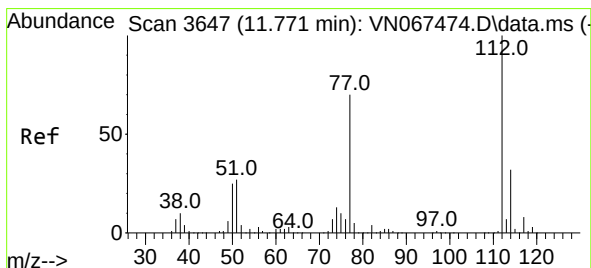
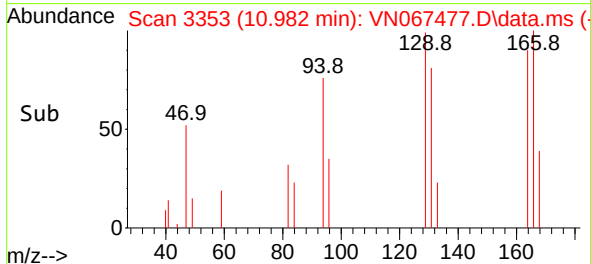
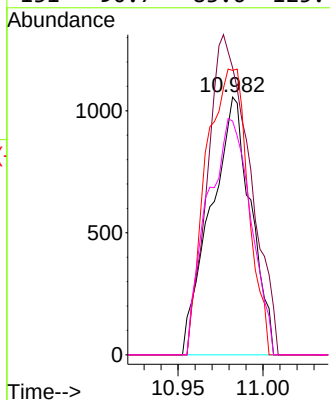
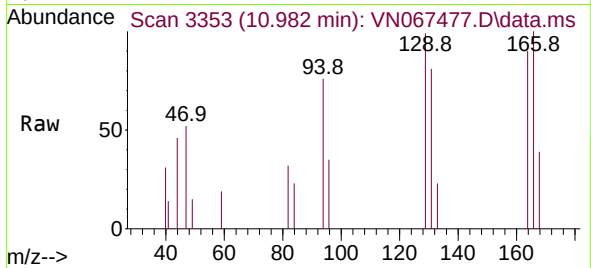




#64
Tetrachloroethene
Concen: 0.55 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

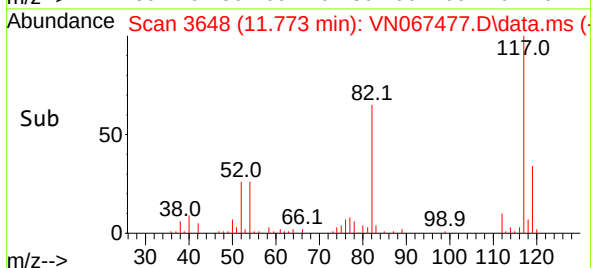
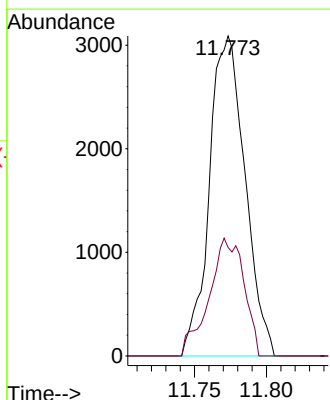
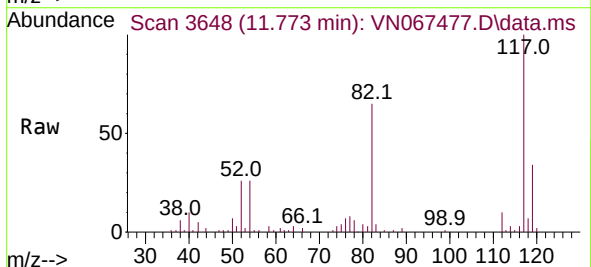
Instrument :
MSVOA_N
ClientSampleId :

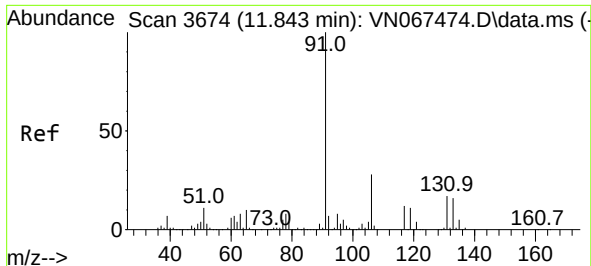
Tgt Ion:164 Resp: 1735
Ion Ratio Lower Upper
164 100
166 111.5 102.1 153.1
129 110.4 86.9 130.3
131 90.7 83.6 125.4



#65
Chlorobenzene
Concen: 0.53 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.002 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion:112 Resp: 5318
Ion Ratio Lower Upper
112 100
114 33.9 24.6 37.0

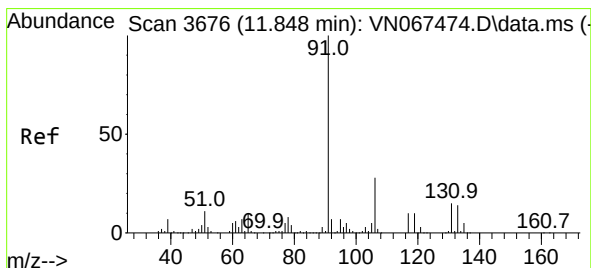
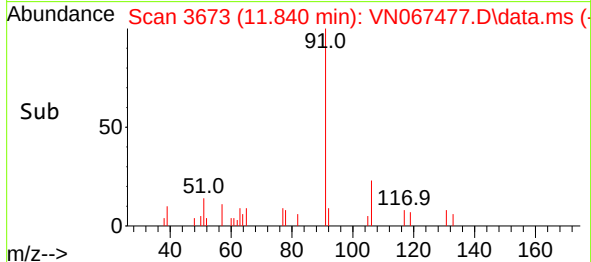
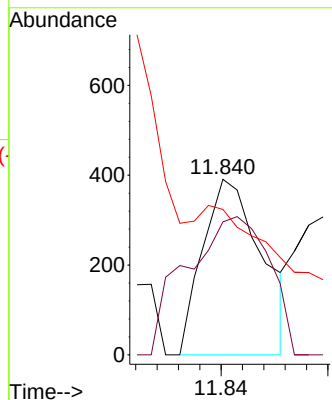
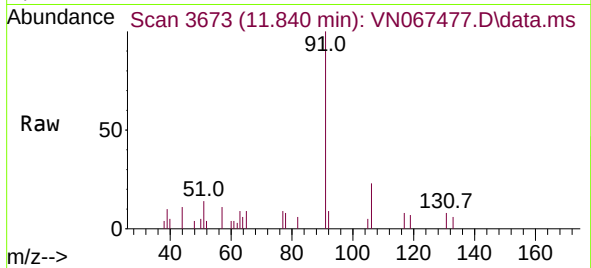




#66
1,1,1,2-Tetrachloroethane
Concen: 0.79 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

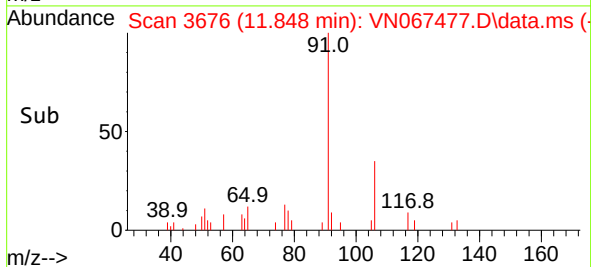
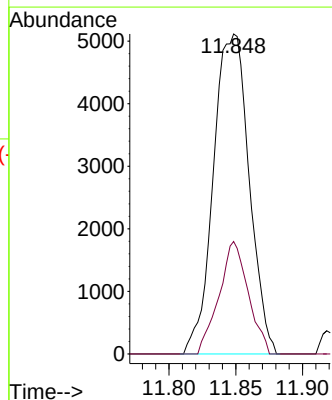
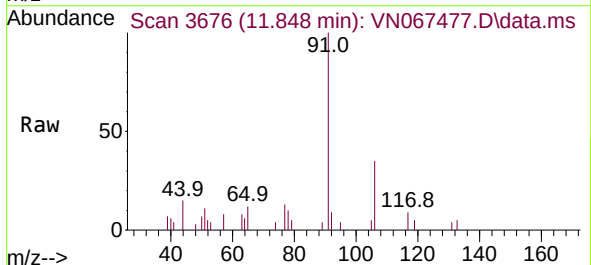
Instrument :
MSVOA_N
ClientSampled :

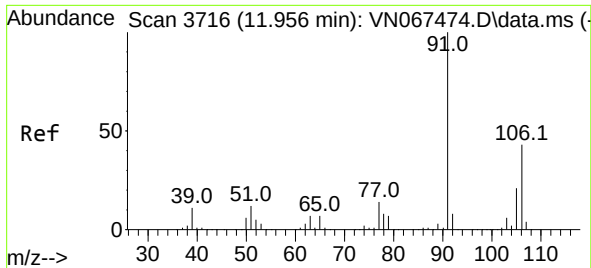
Tgt Ion:131 Resp: 300
Ion Ratio Lower Upper
131 100
133 111.0 47.5 142.5
119 0.0 33.1 99.3#



#67
Ethyl Benzene
Concen: 0.46 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 91 Resp: 9530
Ion Ratio Lower Upper
91 100
106 35.2 23.4 35.0#

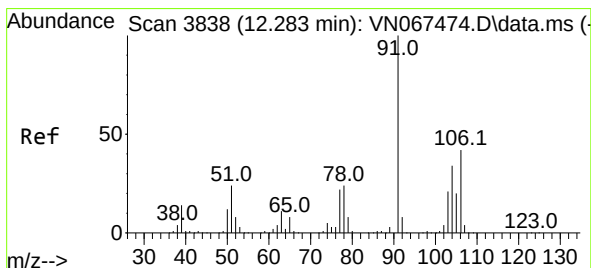
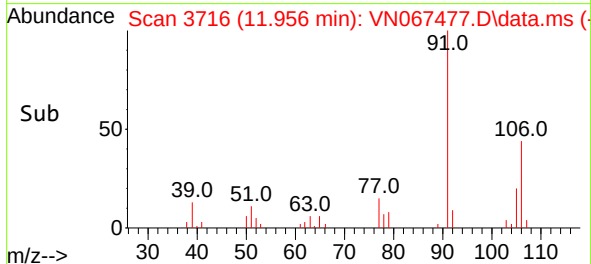
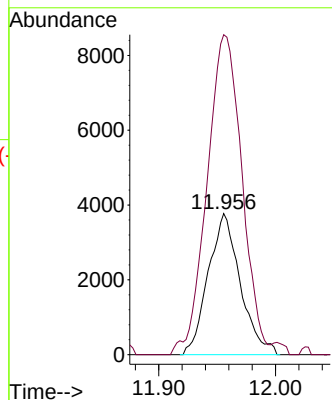
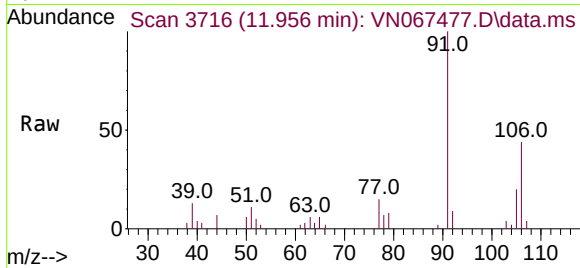




#68
m/p-Xylenes
Concen: 1.03 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

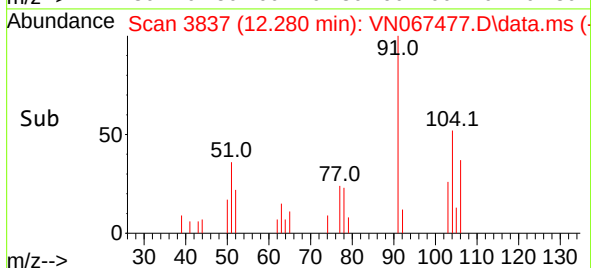
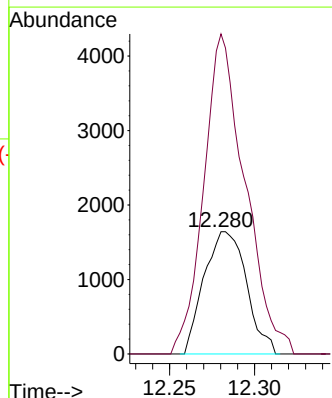
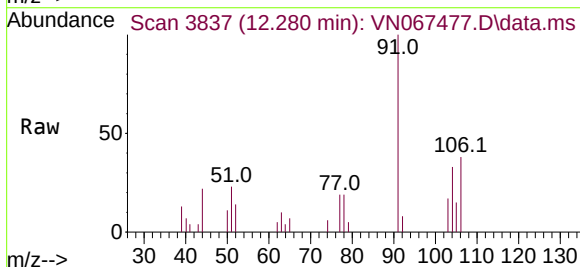
Tgt Ion:106 Resp: 7199
Ion Ratio Lower Upper
106 100
91 246.8 180.6 270.8

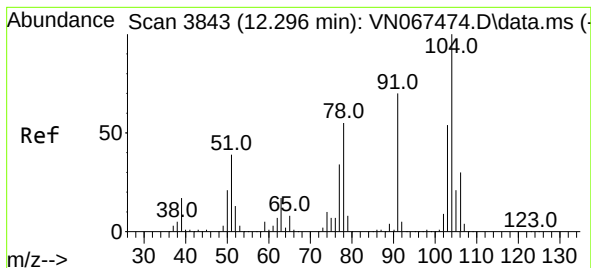
Instrument :
MSVOA_N
ClientSampleId :



#69
o-Xylene
Concen: 0.41 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion:106 Resp: 2853
Ion Ratio Lower Upper
106 100
91 254.1 118.3 354.9





#70

Styrene

Concen: 0.65 ug/l

RT: 12.296 min Scan# 3843

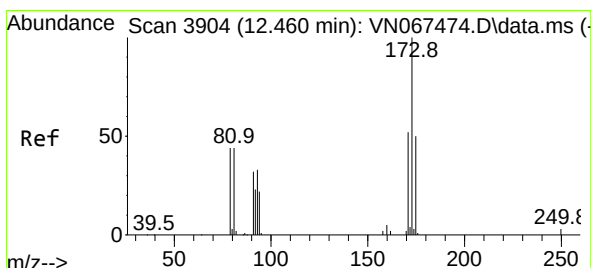
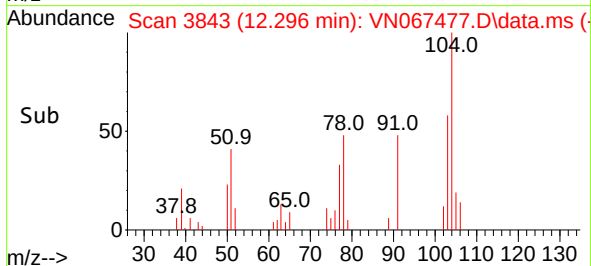
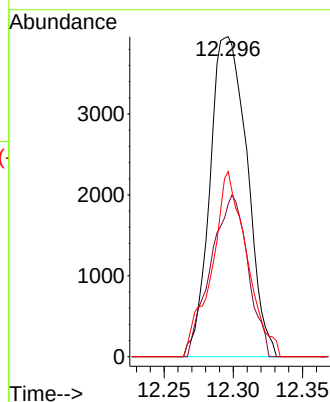
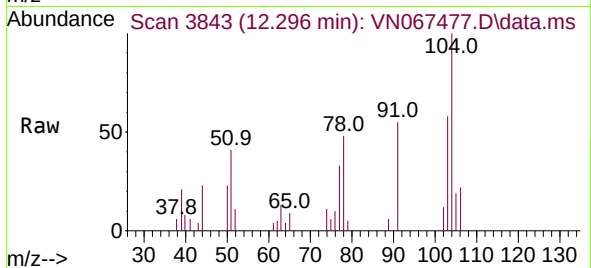
Delta R.T. 0.000 min

Lab File: VN067477.D

Acq: 24 Jun 2021 12:21

Tgt Ion:	104	Resp:	7377
Ion Ratio	Lower	Upper	
104	100		
78	50.3	48.2	72.2
103	54.7	44.5	66.7

Instrument :
MSVOA_N
ClientSampled :



#71

Bromoform

Concen: 3.03 ug/l

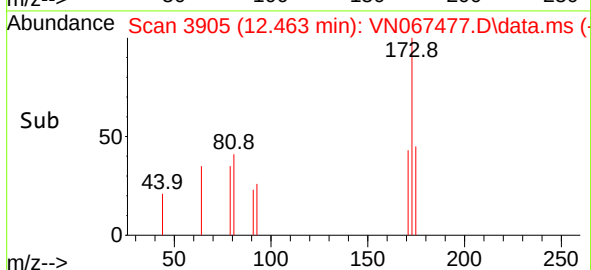
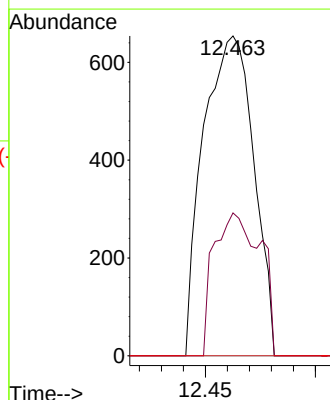
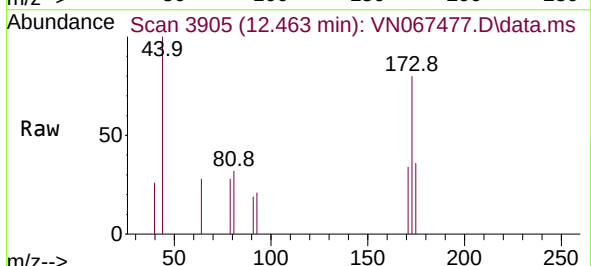
RT: 12.463 min Scan# 3905

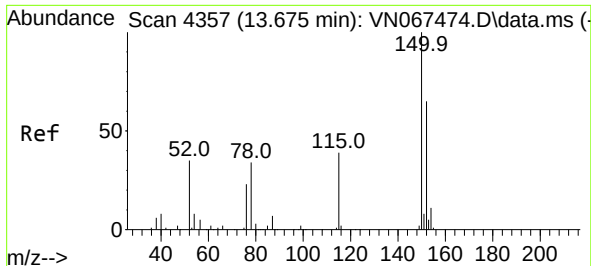
Delta R.T. 0.003 min

Lab File: VN067477.D

Acq: 24 Jun 2021 12:21

Tgt Ion:	173	Resp:	1039
Ion Ratio	Lower	Upper	
173	100		
175	41.4	23.9	71.8
254	0.0	0.0	0.0

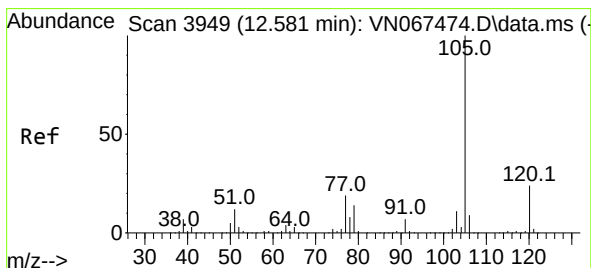
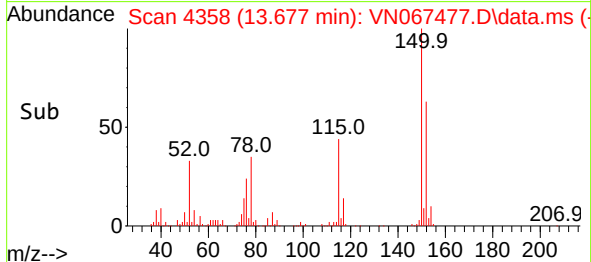
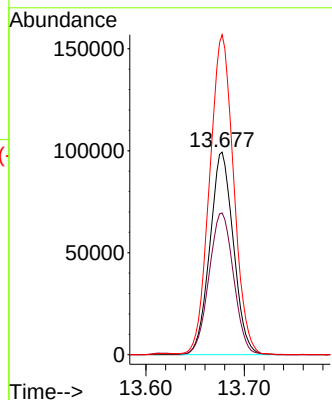
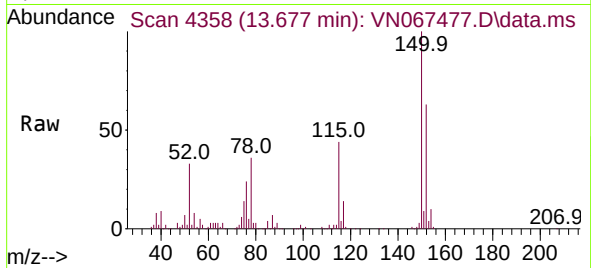




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

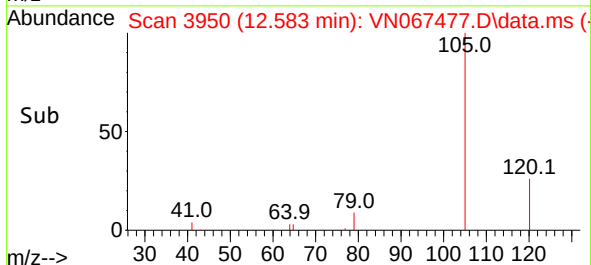
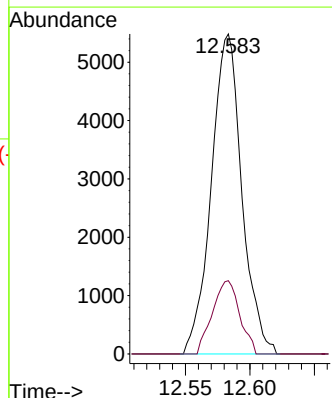
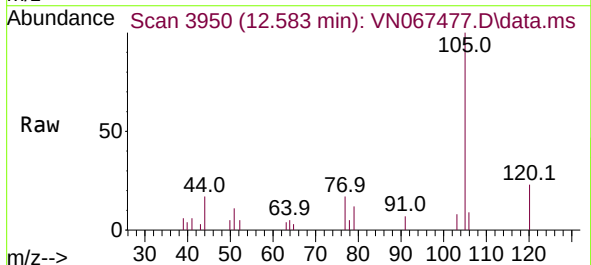
Instrument :
MSVOA_N
ClientSampleId :

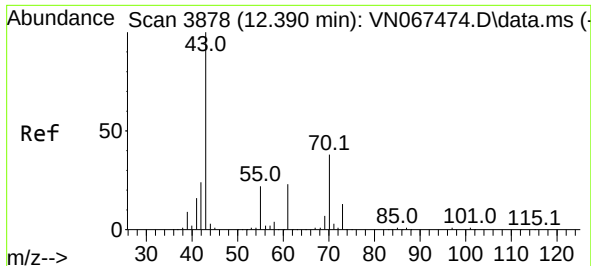
Tgt Ion:152 Resp: 165206
Ion Ratio Lower Upper
152 100
115 73.2 36.1 108.5
150 161.6 0.0 351.8



#73
Isopropylbenzene
Concen: 0.54 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion:105 Resp: 9032
Ion Ratio Lower Upper
105 100
120 20.3 12.5 37.5

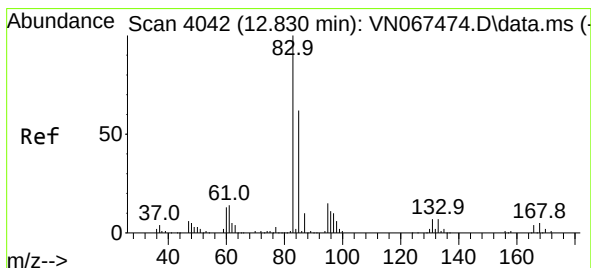
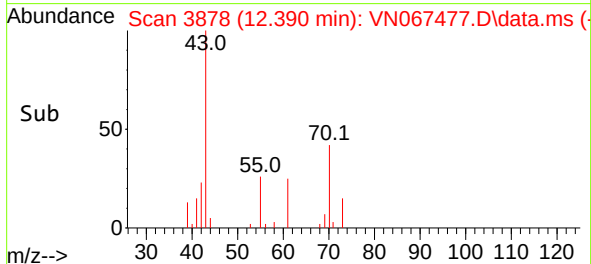
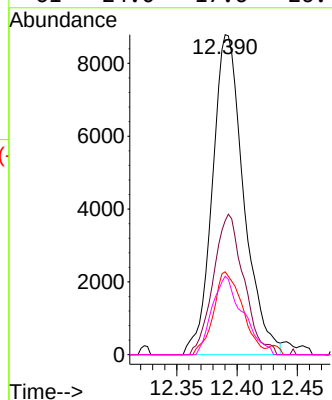
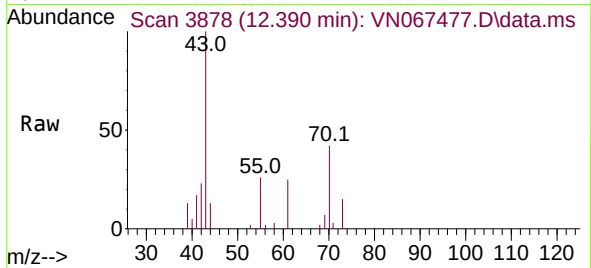




#74
N-amy1 acetate
Concen: 1.95 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

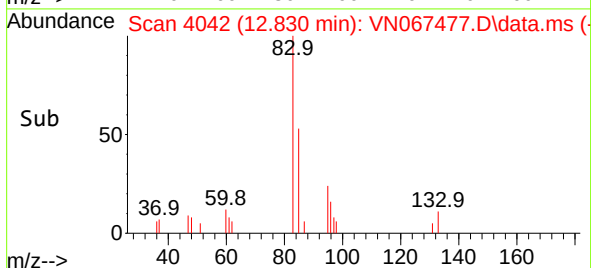
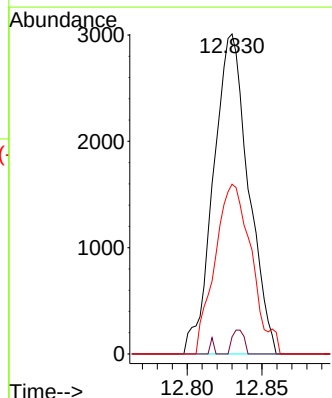
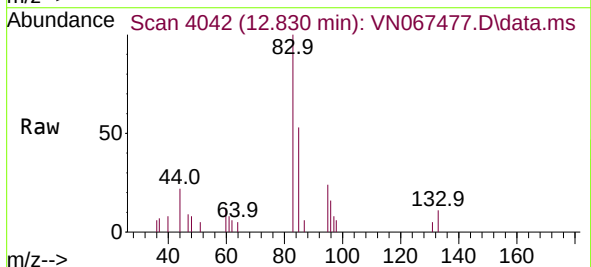
Instrument :
MSVOA_N
ClientSampled :

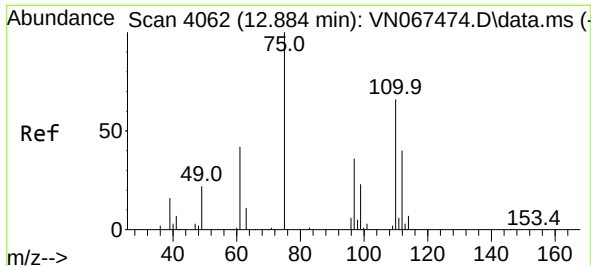
Tgt Ion:	43	Resp:	15841
Ion	Ratio	Lower	Upper
43	100		
70	42.7	29.4	44.2
55	23.9	17.0	25.4
61	24.0	17.6	26.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.90 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion:	83	Resp:	4902
Ion	Ratio	Lower	Upper
83	100		
131	2.5	4.8	14.4#
85	55.5	32.2	96.6

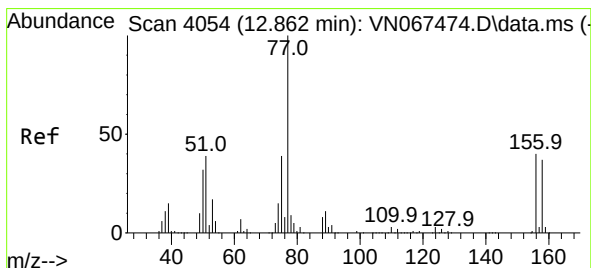
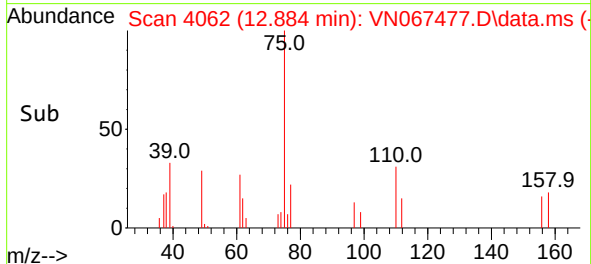
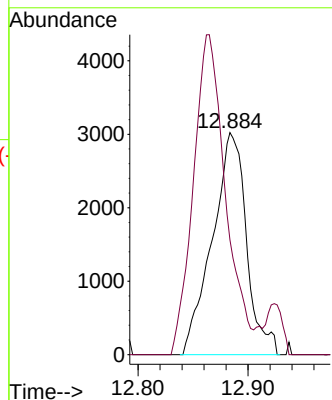
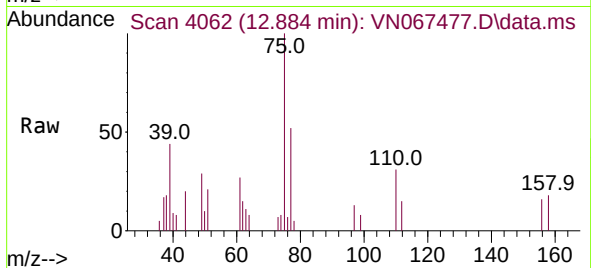




#76
1,2,3-Trichloropropane
Concen: 1.34 ug/l
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

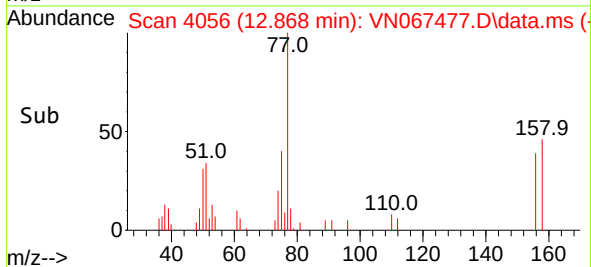
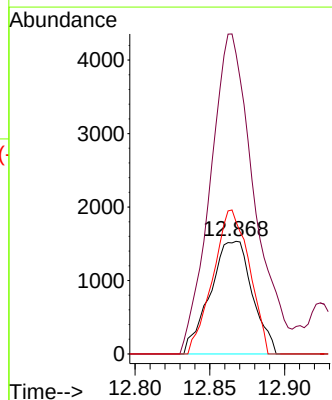
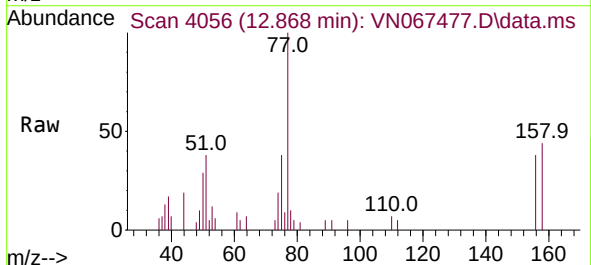
Instrument :
MSVOA_N
ClientSampleId :

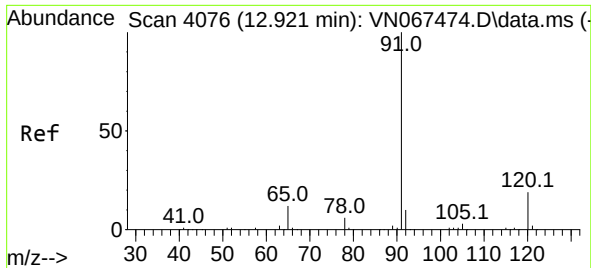
Tgt Ion: 75 Resp: 6529
Ion Ratio Lower Upper
75 100
77 135.7 0.0 0.0#



#77
Bromobenzene
Concen: 0.97 ug/l
RT: 12.868 min Scan# 4056
Delta R.T. 0.006 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 156 Resp: 3006
Ion Ratio Lower Upper
156 100
77 294.8 136.2 408.6
158 110.2 48.4 145.3

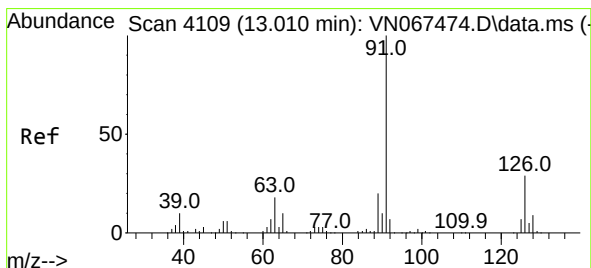
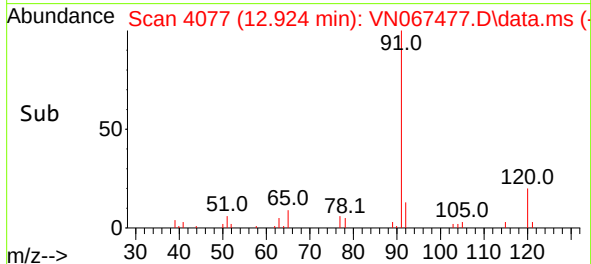
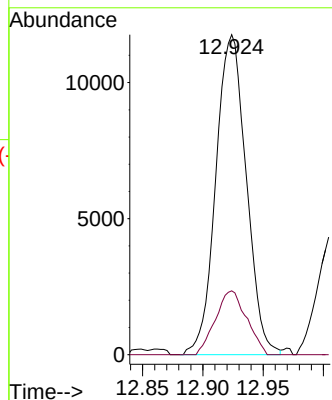
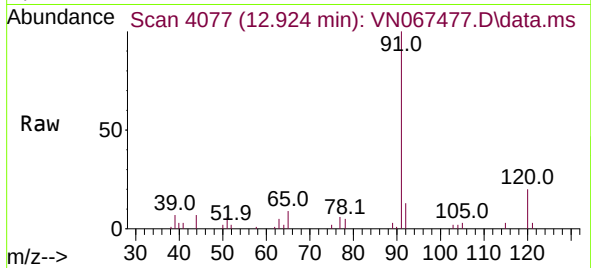




#78
n-propylbenzene
Concen: 1.00 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

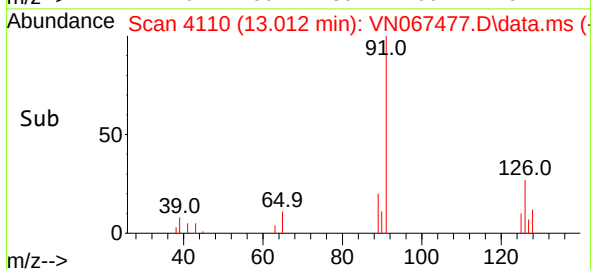
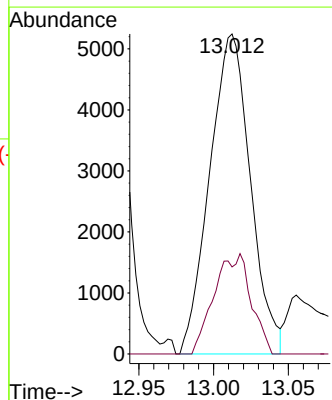
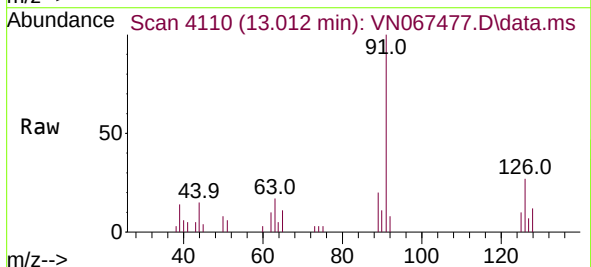
Instrument :
MSVOA_N
ClientSampled :

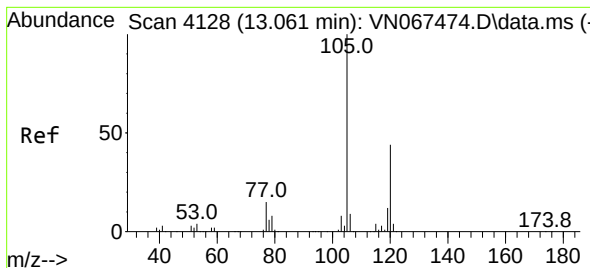
Tgt Ion: 91 Resp: 20661
Ion Ratio Lower Upper
91 100
120 20.4 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.80 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.002 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 91 Resp: 9954
Ion Ratio Lower Upper
91 100
126 15.3 14.5 43.5

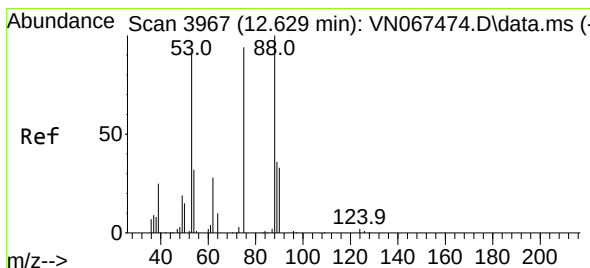
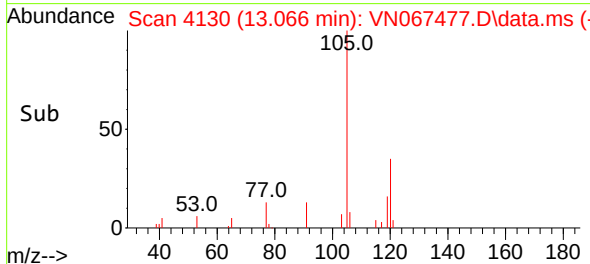
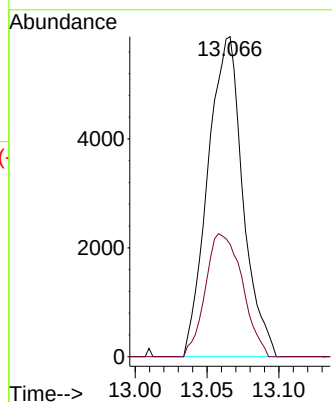
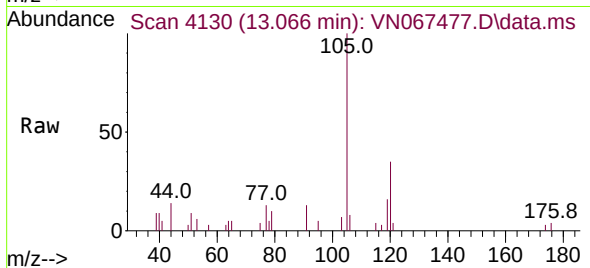




#80
1,3,5-Trimethylbenzene
Concen: 0.72 ug/l
RT: 13.066 min Scan# 4130
Delta R.T. 0.005 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

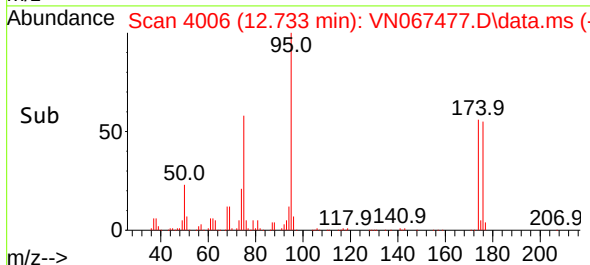
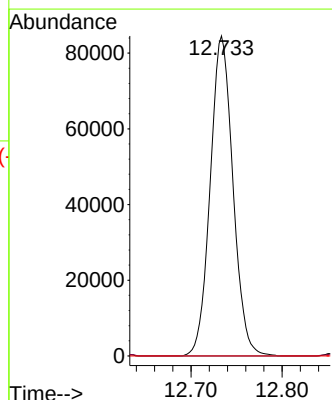
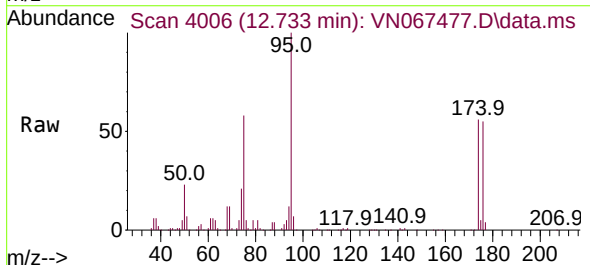
Instrument :
MSVOA_N
ClientSampled :

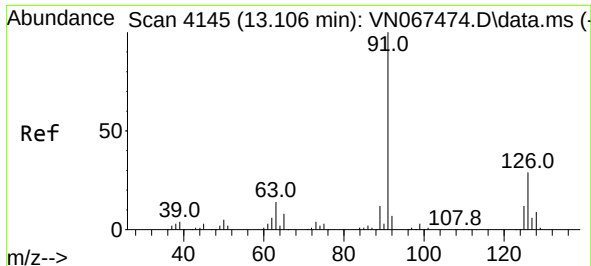
Tgt Ion:105 Resp: 9951
Ion Ratio Lower Upper
105 100
120 40.5 22.2 66.6



#81
trans-1,4-Dichloro-2-butene
Concen: 82.46 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 75 Resp: 146533
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

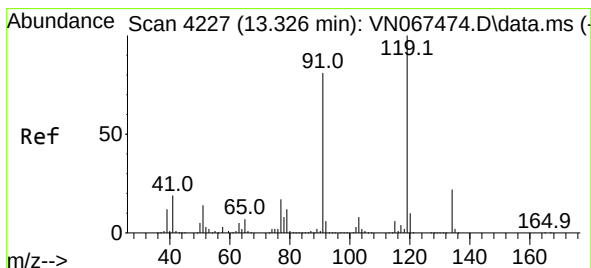
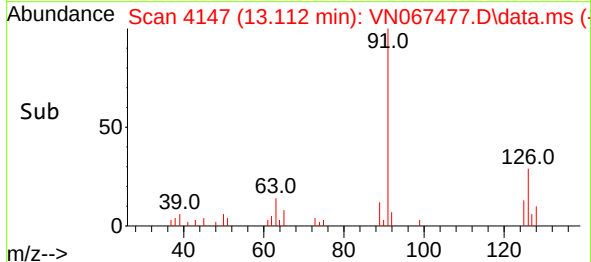
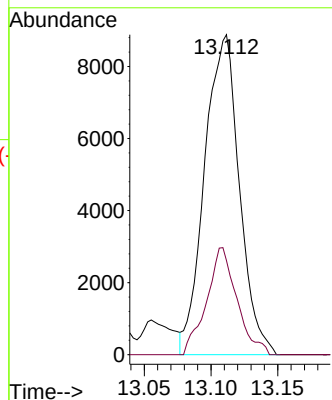
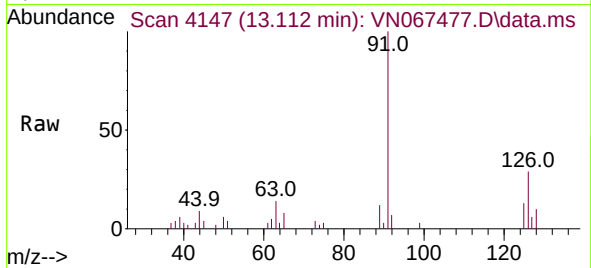




#82
4-Chlorotoluene
Concen: 1.31 ug/l
RT: 13.112 min Scan# 4147
Delta R.T. 0.006 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

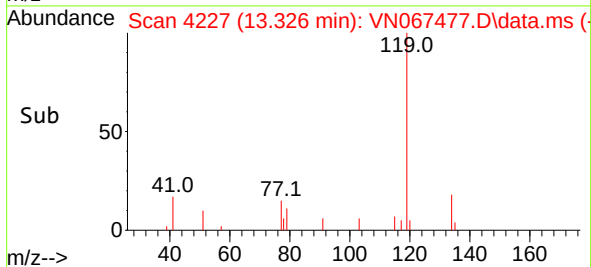
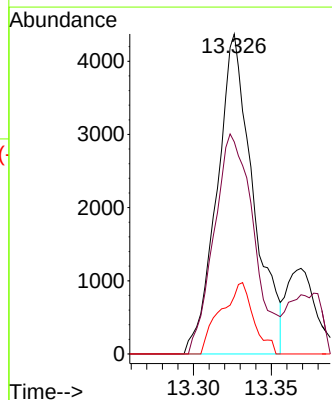
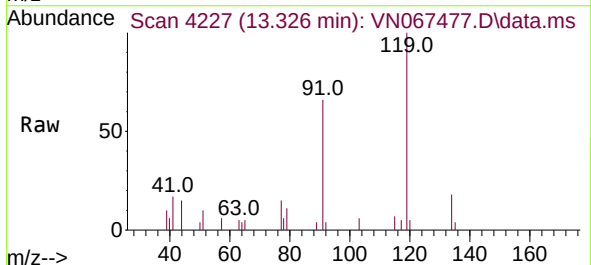
Instrument :
MSVOA_N
ClientSampled :

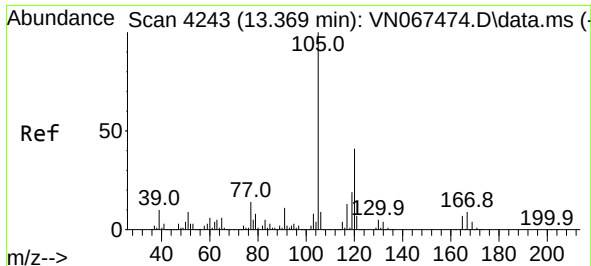
Tgt Ion: 91 Resp: 16071
Ion Ratio Lower Upper
91 100
126 29.3 14.8 44.4



#83
tert-Butylbenzene
Concen: 0.65 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 119 Resp: 7037
Ion Ratio Lower Upper
119 100
91 75.9 39.5 118.5
134 20.4 12.0 36.0

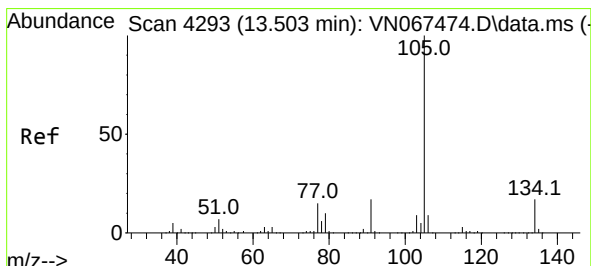
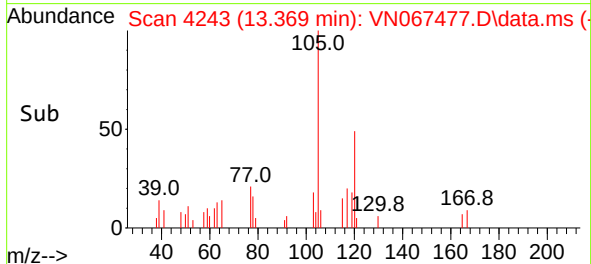
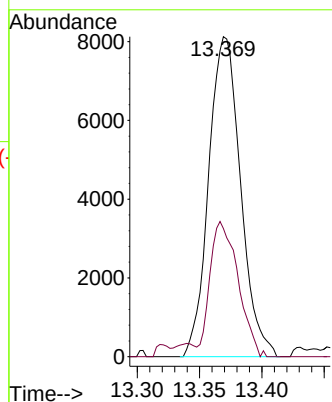
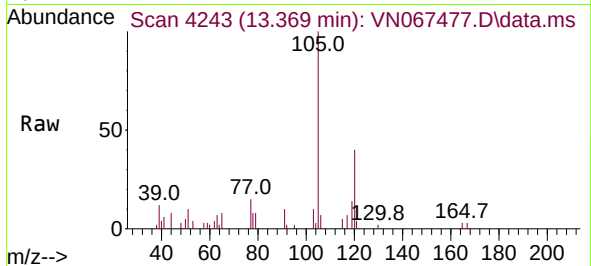




#84
1,2,4-Trimethylbenzene
Concen: 1.07 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

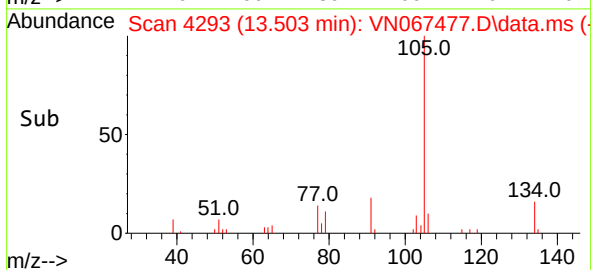
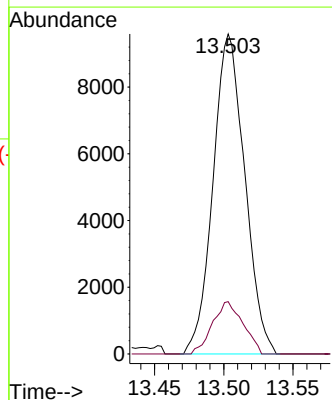
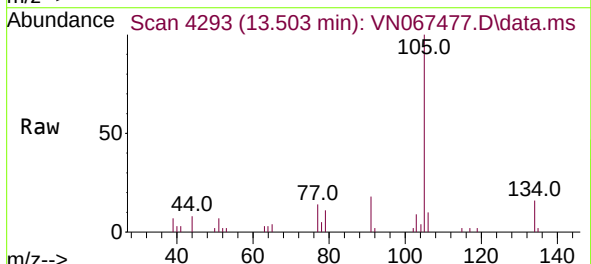
Instrument :
MSVOA_N
ClientSampled :

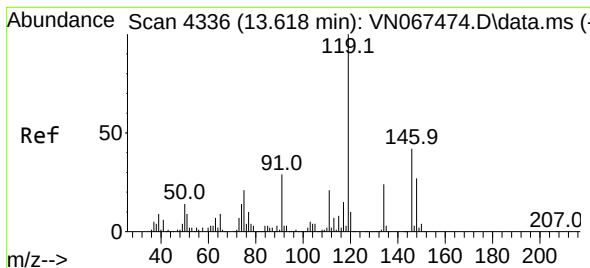
Tgt Ion:105 Resp: 14463
Ion Ratio Lower Upper
105 100
120 37.2 20.6 61.8



#85
sec-Butylbenzene
Concen: 0.94 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion:105 Resp: 15303
Ion Ratio Lower Upper
105 100
134 15.7 9.0 27.1

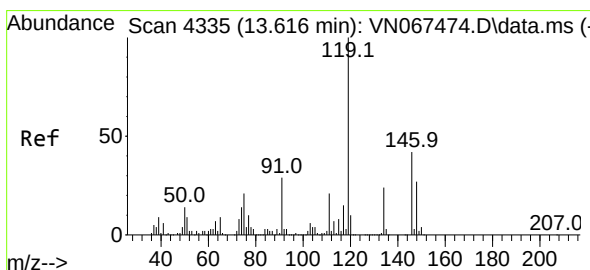
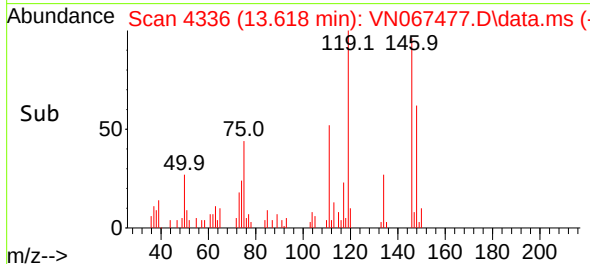
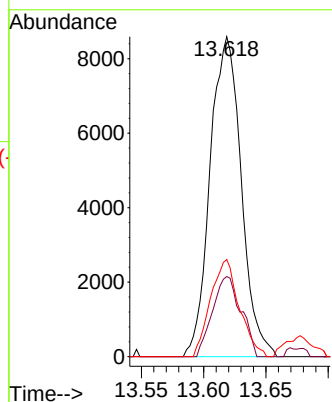
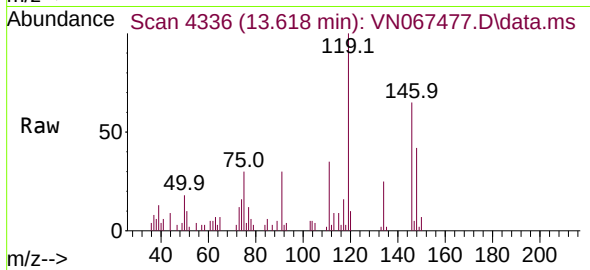




#86
p-Isopropyltoluene
Concen: 1.24 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

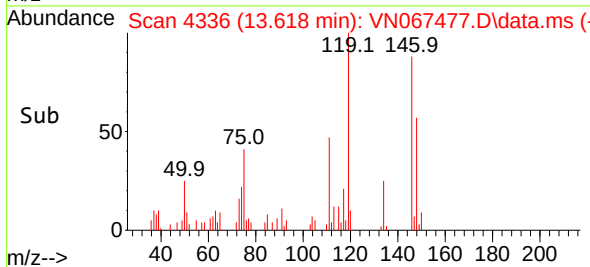
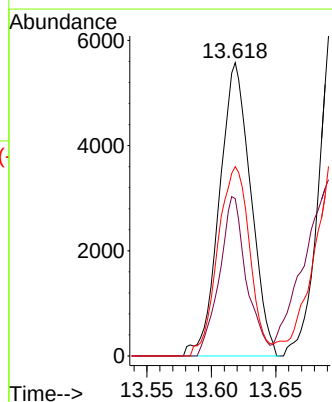
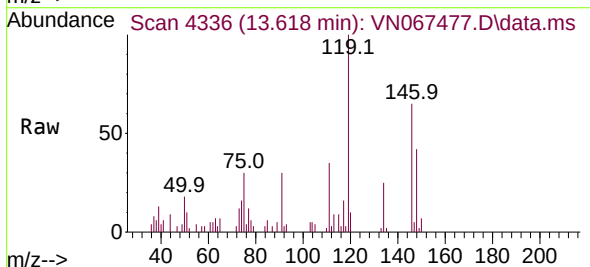
Instrument :
MSVOA_N
ClientSampleId :

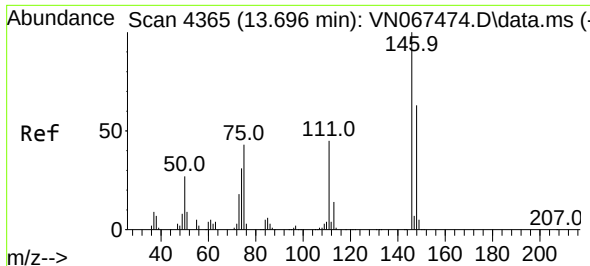
Tgt Ion:119 Resp: 14939
Ion Ratio Lower Upper
119 100
134 22.8 12.4 37.4
91 28.0 14.8 44.3



#87
1,3-Dichlorobenzene
Concen: 1.67 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.002 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion:146 Resp: 9410
Ion Ratio Lower Upper
146 100
111 46.9 24.3 72.8
148 66.1 32.0 96.0

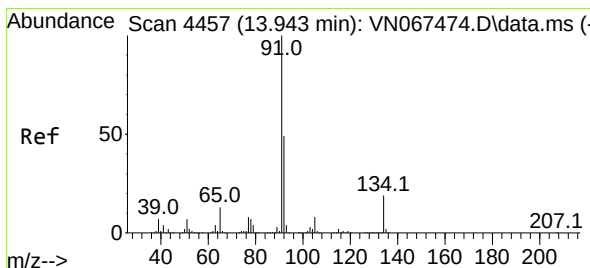
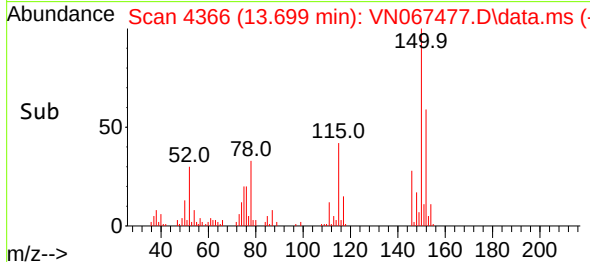
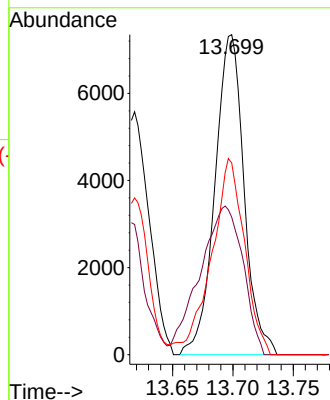
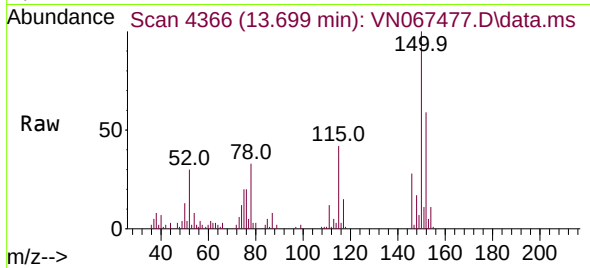




#88
1,4-Dichlorobenzene
Concen: 2.20 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

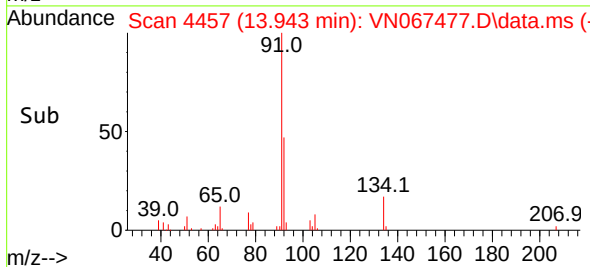
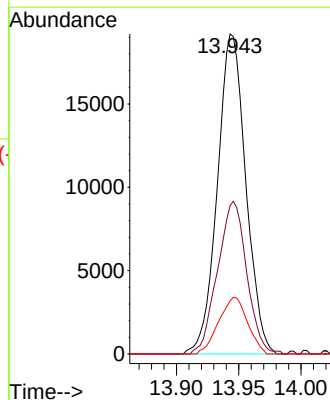
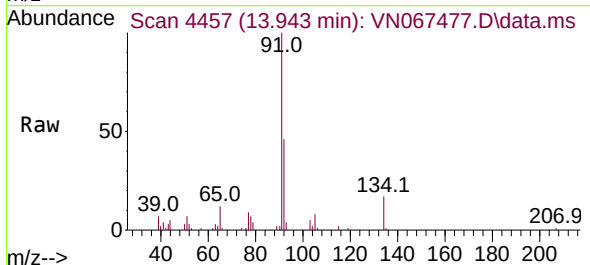
Instrument :
MSVOA_N
ClientSampled :

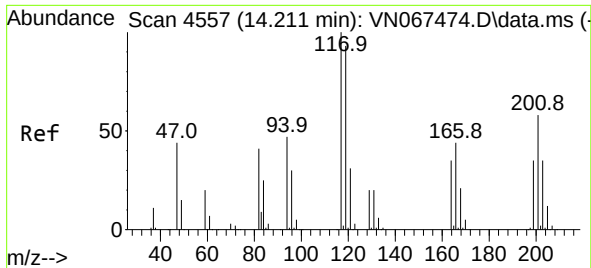
Tgt Ion:146 Resp: 12356
Ion Ratio Lower Upper
146 100
111 68.8 23.4 70.2
148 68.6 31.8 95.3



#89
n-Butylbenzene
Concen: 2.52 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 91 Resp: 30497
Ion Ratio Lower Upper
91 100
92 48.9 25.7 77.1
134 17.9 11.2 33.6

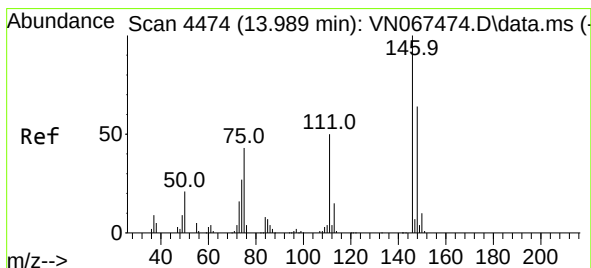
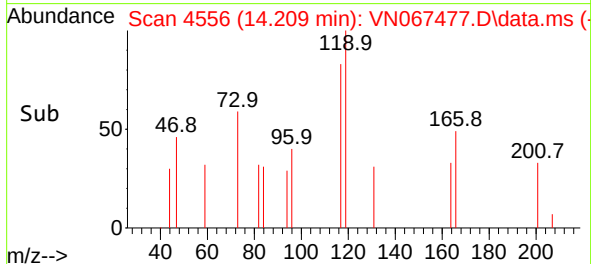
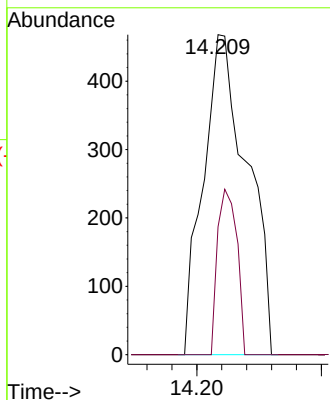
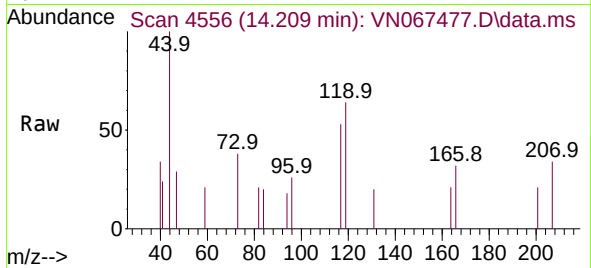




#90
Hexachloroethane
Concen: 0.25 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

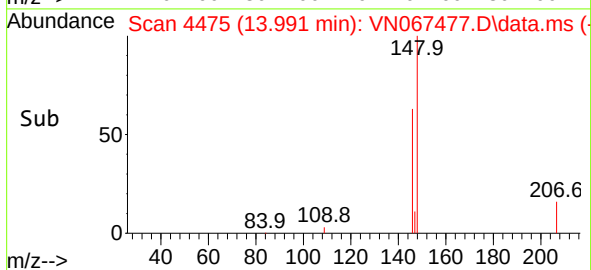
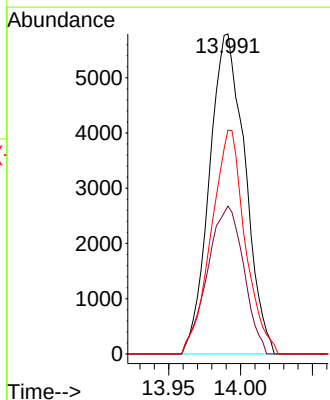
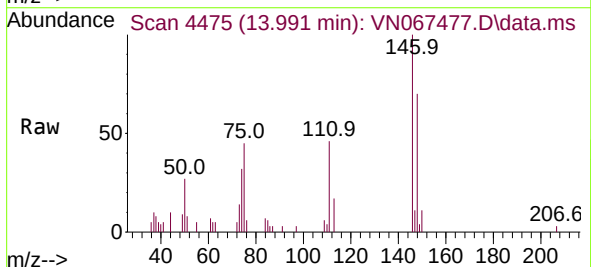
Instrument :
MSVOA_N
ClientSampleId :

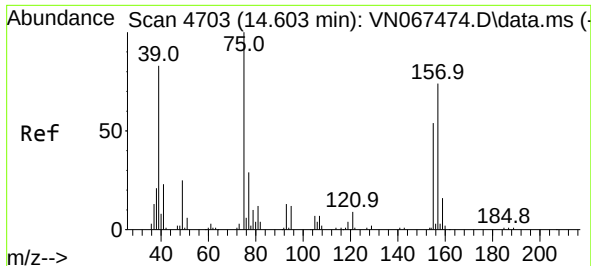
Tgt Ion:117 Resp: 574
Ion Ratio Lower Upper
117 100
201 22.8 33.5 100.5#



#91
1,2-Dichlorobenzene
Concen: 1.81 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion:146 Resp: 9954
Ion Ratio Lower Upper
146 100
111 47.1 24.9 74.6
148 66.6 31.6 95.0

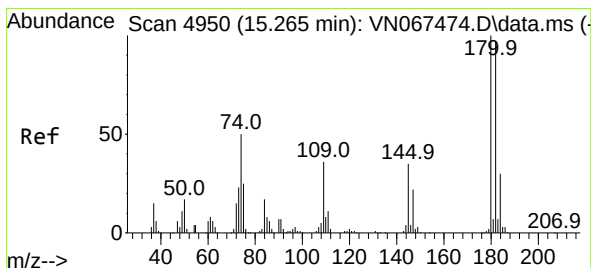
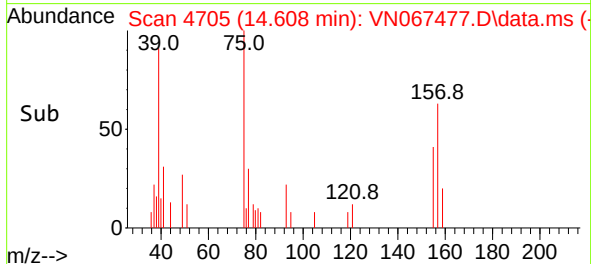
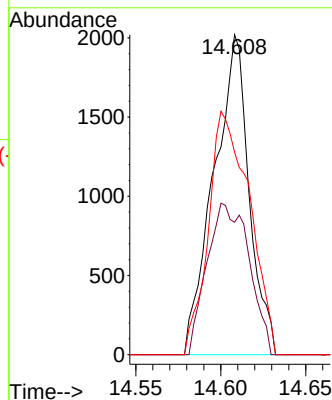
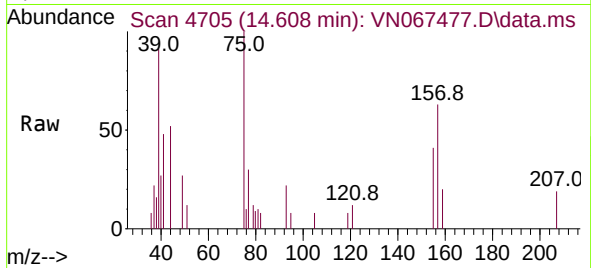




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.01 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.005 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

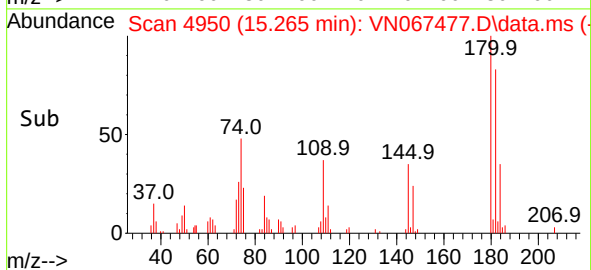
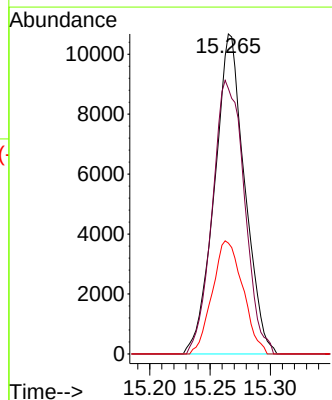
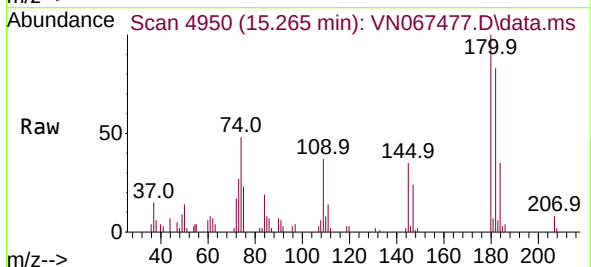
Instrument :
MSVOA_N
ClientSampled :

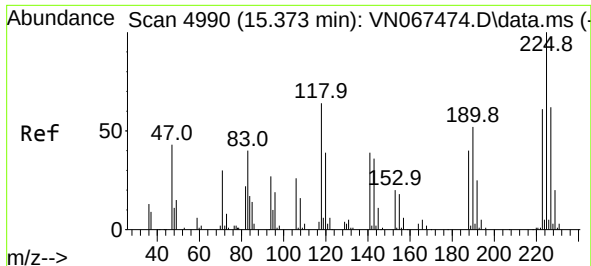
Tgt Ion: 75 Resp: 2917
Ion Ratio Lower Upper
75 100
155 56.6 29.8 89.5
157 88.4 37.6 112.8



#93
1,2,4-Trichlorobenzene
Concen: 8.71 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion: 180 Resp: 18583
Ion Ratio Lower Upper
180 100
182 90.6 47.5 142.5
145 35.8 17.2 51.6

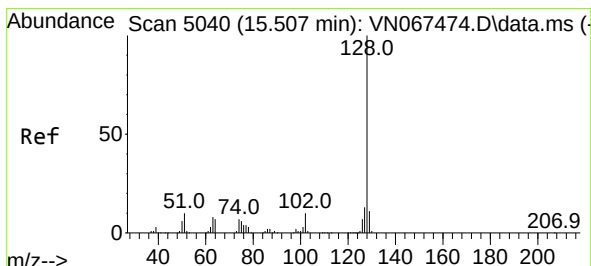
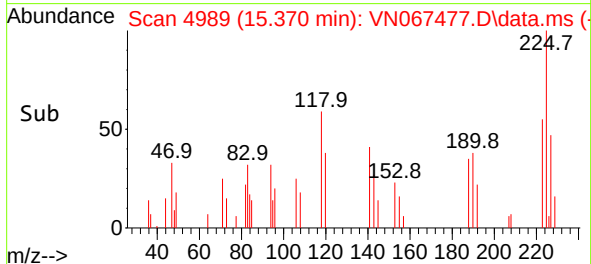
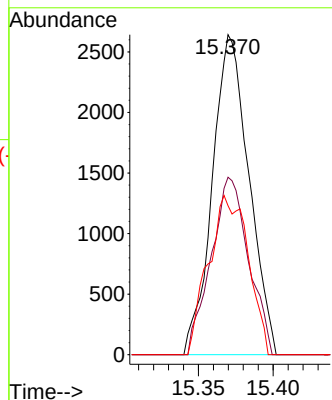
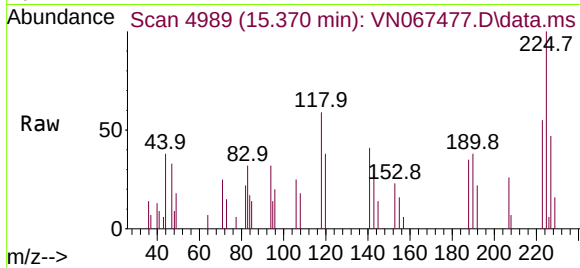




#94
Hexachlorobutadiene
Concen: 3.61 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

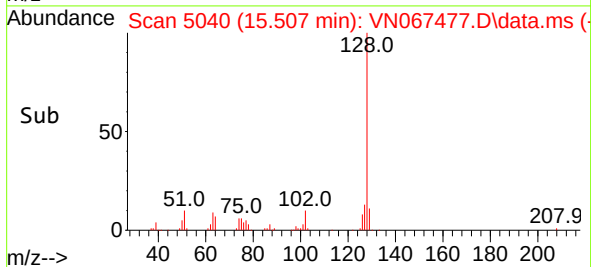
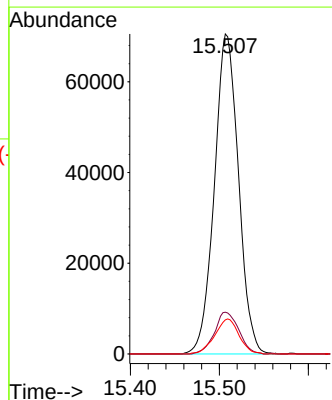
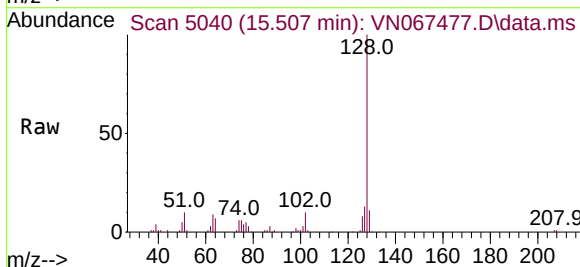
Instrument :
MSVOA_N
ClientSampled :

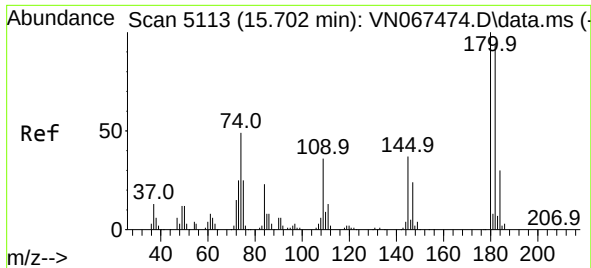
Tgt Ion:225 Resp: 4493
Ion Ratio Lower Upper
225 100
223 56.8 31.4 94.0
227 54.2 31.2 93.6



#95
Naphthalene
Concen: 16.77 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067477.D
Acq: 24 Jun 2021 12:21

Tgt Ion:128 Resp: 132650
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 11.64 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN067477.D
 Acq: 24 Jun 2021 12:21

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	36.7	18.2	54.6

