

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071921\
 Data File : VN067797.D
 Acq On : 19 Jul 2021 16:47
 Operator : JC/MD
 Sample : PB137749ZHE#19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 20 04:53:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	329185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	619736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	645794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	232709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	257289	51.716	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.440%	
35) Dibromofluoromethane	8.024	113	187529	50.084	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.160%	
50) Toluene-d8	10.446	98	806816	51.479	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.733	95	275832	49.821	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.640%	

Target Compounds			Qvalue			
5) Bromomethane	2.840	94	242	Below Cal	#	4
6) Chloroethane	3.027	64	26	Below Cal	#	1
7) Trichlorofluoromethane	3.371	101	137	Below Cal	#	18
13) Acrolein	4.033	56	261	Below Cal	#	23
16) Acetone	4.293	43	9886	6.315	ug/l	90
17) Carbon Disulfide	4.513	76	1835	0.226	ug/l	# 74
18) Methyl Acetate	4.873	43	2413	0.549	ug/l	# 86
20) Methylene Chloride	5.093	84	23906	5.928	ug/l	87
25) 2-Butanone	7.351	43	6409	2.466	ug/l	# 81
29) Tetrahydrofuran	7.699	42	2211	1.293	ug/l	# 73
31) Cyclohexane	8.091	56	9194	1.318	ug/l	# 19
36) 1,1-Dichloropropene	8.088	75	29576	5.138	ug/l	# 51
37) Ethyl Acetate	7.351	43	6409	1.149	ug/l	# 71
38) Carbon Tetrachloride	8.088	117	38006	6.693	ug/l	# 17
43) Isopropyl Acetate	8.566	43	40612	4.139	ug/l	# 93
45) 1,2-Dichloropropane	9.628	63	3197	0.733	ug/l	# 44
48) Methyl methacrylate	9.547	41	9077	2.092	ug/l	# 12
49) 1,4-Dioxane	9.601	88	50	32.694	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.338	43	11817	1.960	ug/l	97
53) t-1,3-Dichloropropene	10.725	75	216	1.773	ug/l	# 3
54) cis-1,3-Dichloropropene	10.247	75	69194	10.281	ug/l	# 62
57) 1,3-Dichloropropane	11.095	76	44184	5.957	ug/l	# 43
58) 2-Chloroethyl Vinyl ether	10.054	63	49	17.039	ug/l	# 50
59) 2-Hexanone	11.095	43	664991	158.050	ug/l	# 54
60) Dibromochloromethane	11.258	129	25	2.361	ug/l	# 11
68) m/p-Xylenes	11.953	106	1837	0.201	ug/l	74
74) N-amyl acetate	12.393	43	4499	0.660	ug/l	# 85
76) 1,2,3-Trichloropropane	12.733	75	155547	32.731	ug/l	# 100
80) 1,3,5-Trimethylbenzene	13.061	105	10467	0.688	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.733	75	155547	105.527	ug/l	# 6
82) 4-Chlorotoluene	13.109	91	2585	0.204	ug/l	88
87) 1,3-Dichlorobenzene	13.619	146	2204	0.286	ug/l	84
88) 1,4-Dichlorobenzene	13.619	146	2204	0.279	ug/l	84
89) n-Butylbenzene	13.940	91	5142	0.414	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	2239	0.301	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	14.600	75	519	0.548	ug/l	# 48

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Quant Time: Jul 20 04:53:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

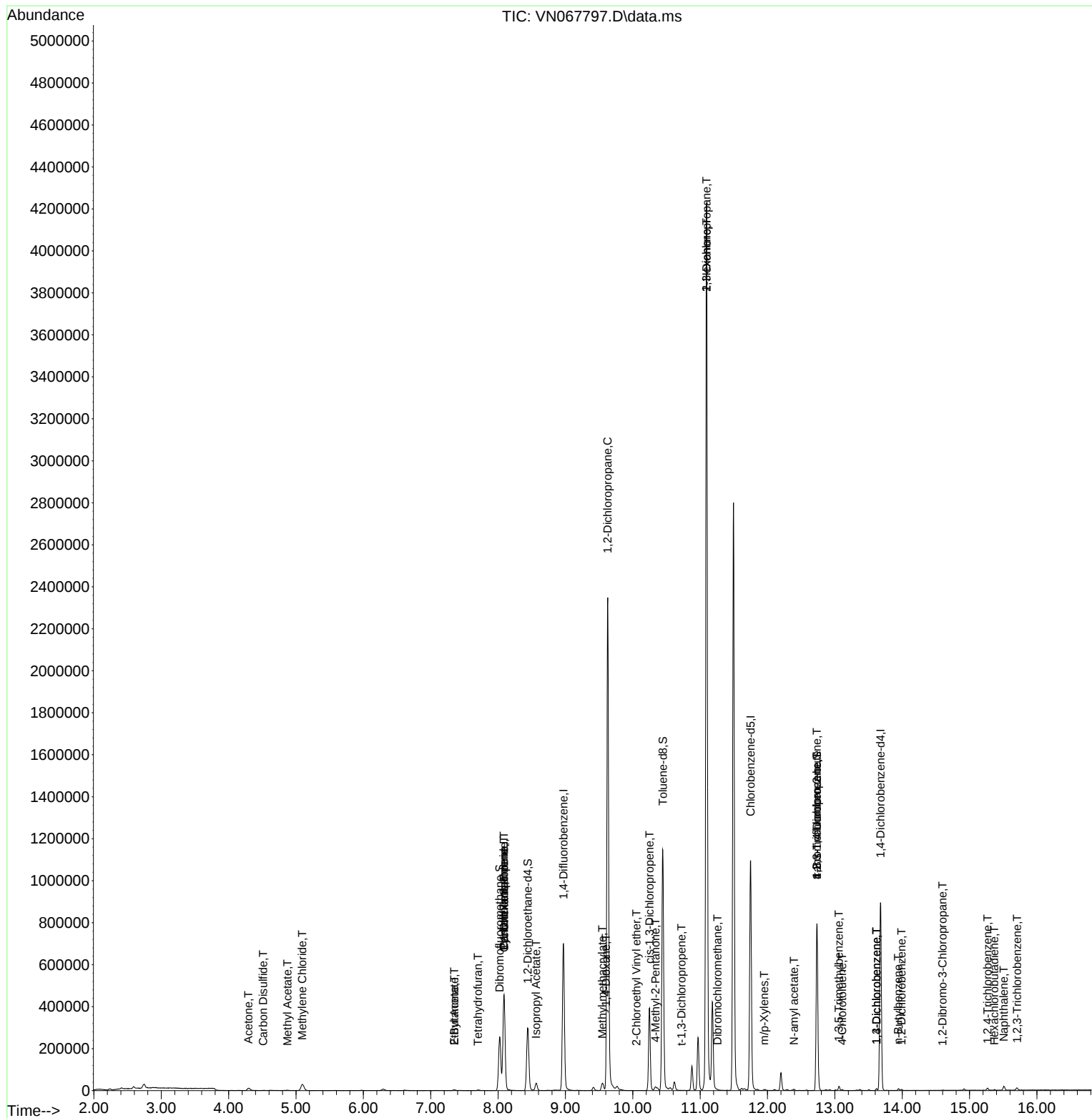
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.268	180	3544	3.540	ug/l	91
94) Hexachlorobutadiene	15.367	225	527	0.337	ug/l #	61
95) Naphthalene	15.507	128	16324	4.359	ug/l	96
96) 1,2,3-Trichlorobenzene	15.705	180	4046	3.664	ug/l	99

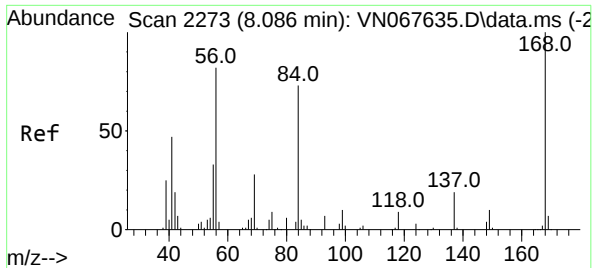
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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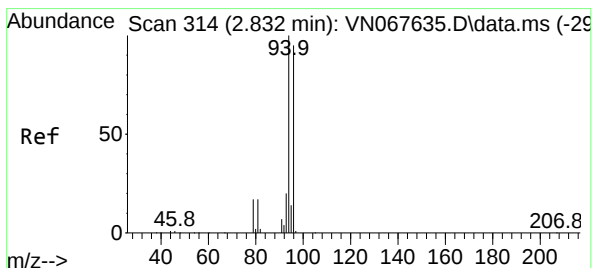
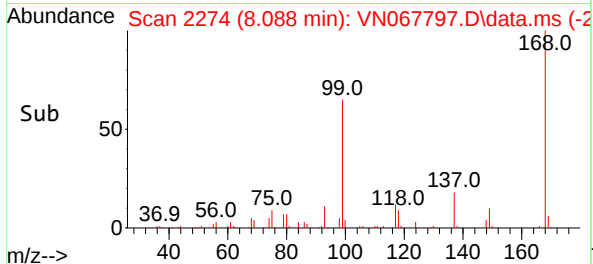
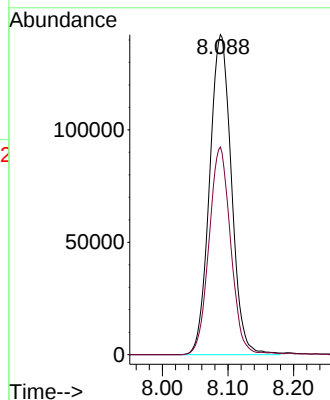
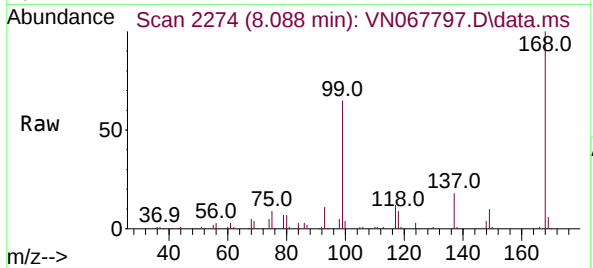




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

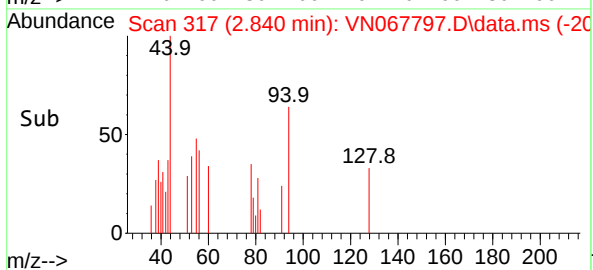
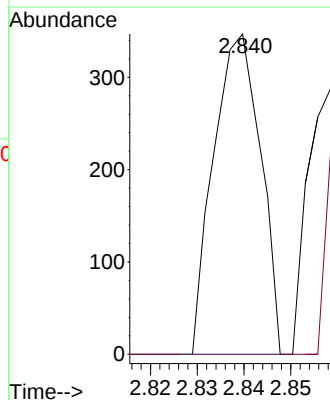
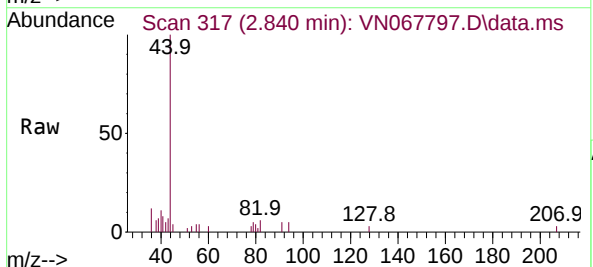
Instrument :
MSVOA_N
ClientSampleId :

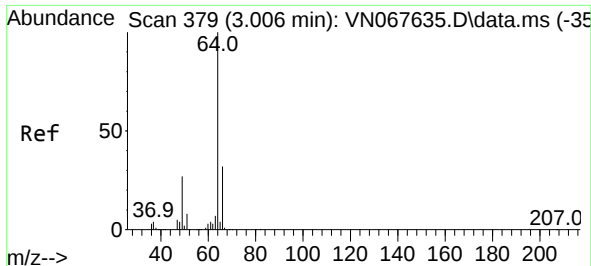
Tgt Ion:168 Resp: 329185
Ion Ratio Lower Upper
168 100
99 64.9 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 317
Delta R.T. 0.008 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

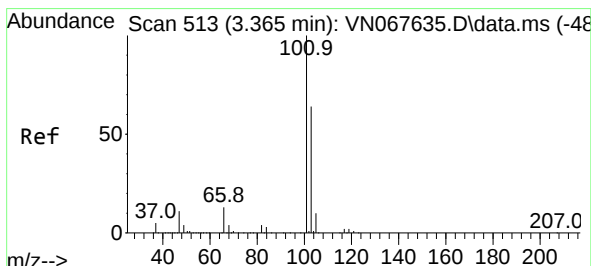
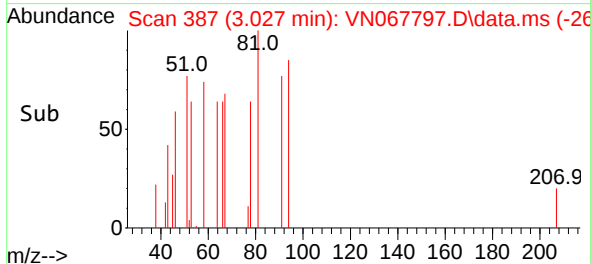
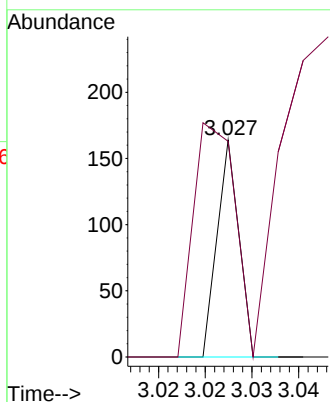
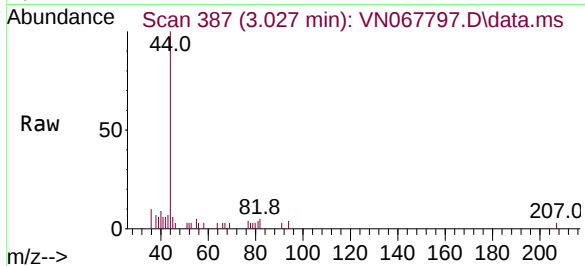




#6
Chloroethane
Concen: Below Cal
RT: 3.027 min Scan# 387
Delta R.T. 0.021 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

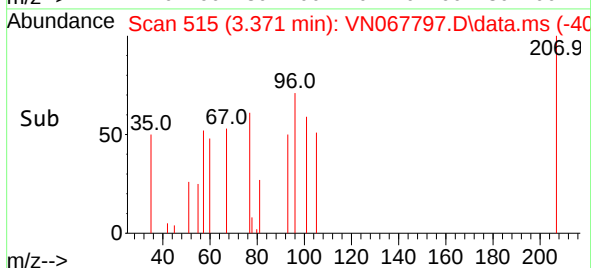
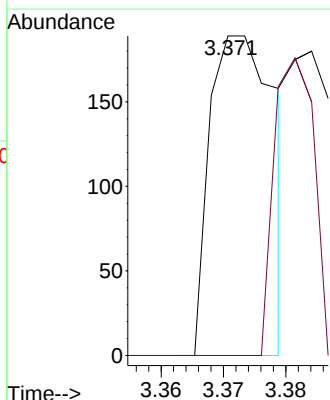
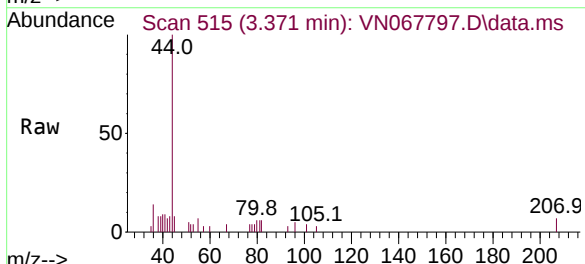
Instrument :
MSVOA_N
ClientSampled :

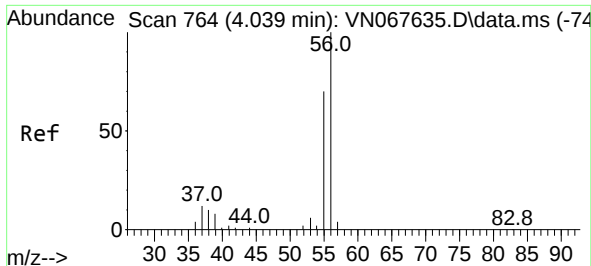
Tgt Ion: 64 Resp: 26
Ion Ratio Lower Upper
64 100
66 99.4 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.371 min Scan# 515
Delta R.T. 0.006 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 101 Resp: 137
Ion Ratio Lower Upper
101 100
103 0.0 51.2 76.8#

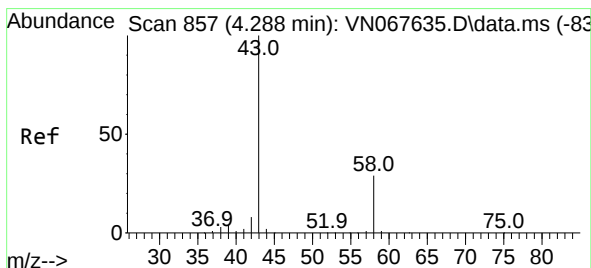
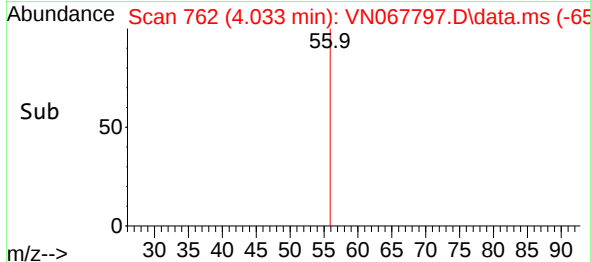
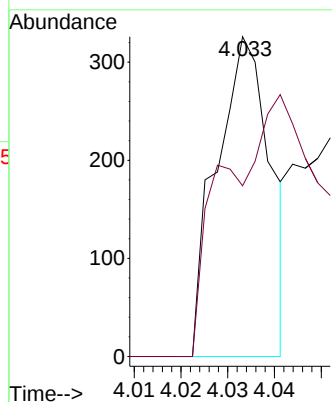
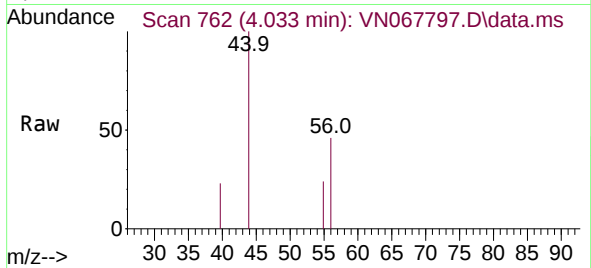




#13
Acrolein
Concen: Below Cal
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

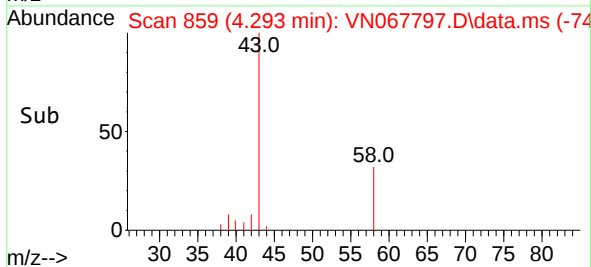
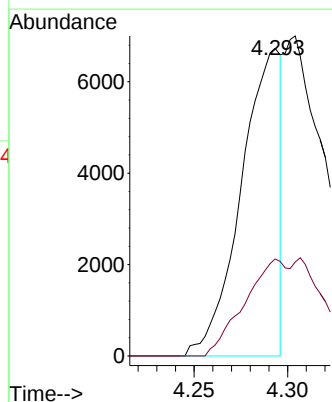
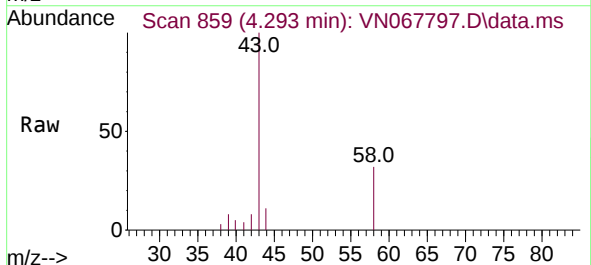
Instrument :
MSVOA_N
ClientSampled :

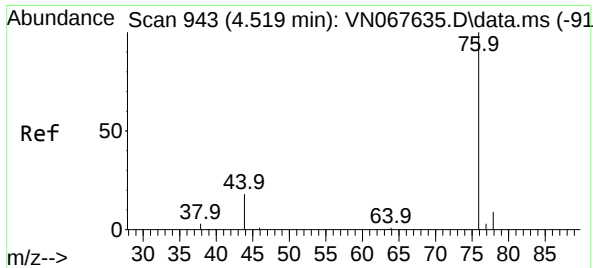
Tgt Ion: 56 Resp: 261
Ion Ratio Lower Upper
56 100
55 136.0 57.4 86.0#



#16
Acetone
Concen: 6.315 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

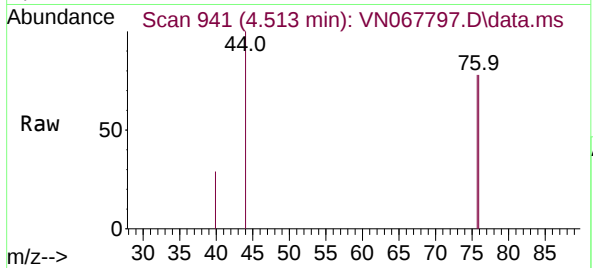
Tgt Ion: 43 Resp: 9886
Ion Ratio Lower Upper
43 100
58 31.5 21.2 31.8



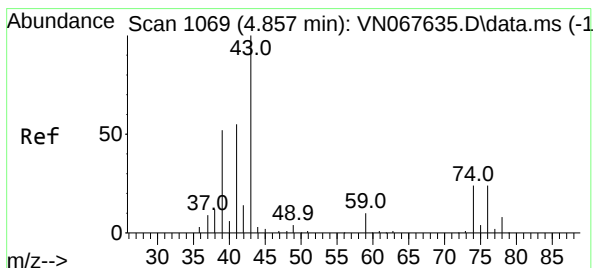
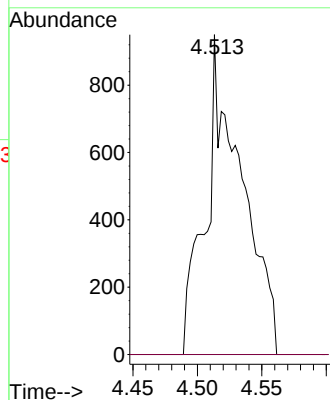
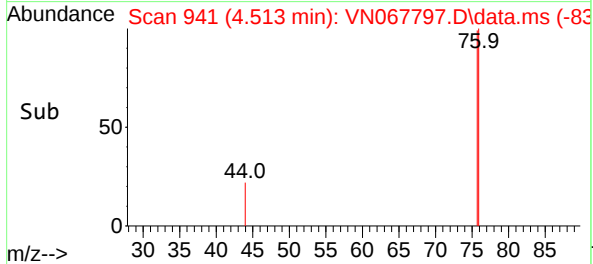


#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 4.513 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

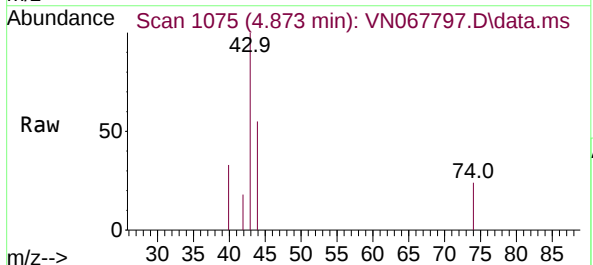
Instrument :
MSVOA_N
ClientSampled :



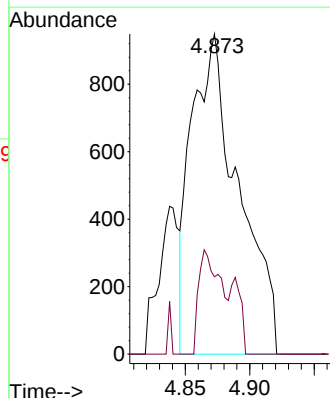
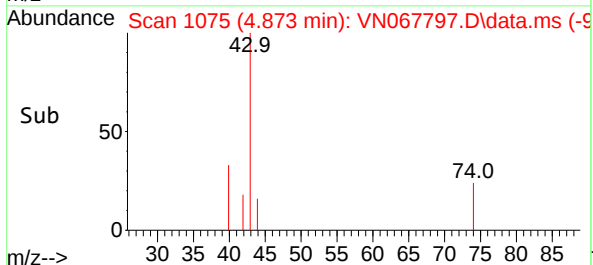
Tgt Ion: 76 Resp: 1835
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

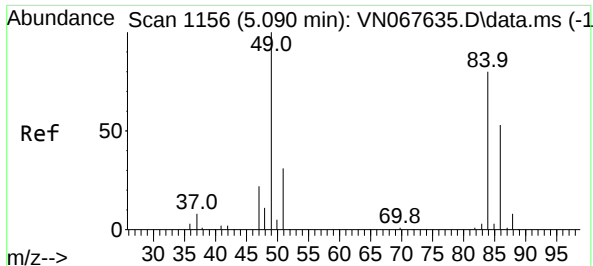


#18
Methyl Acetate
Concen: 0.549 ug/l
RT: 4.873 min Scan# 1075
Delta R.T. 0.016 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47



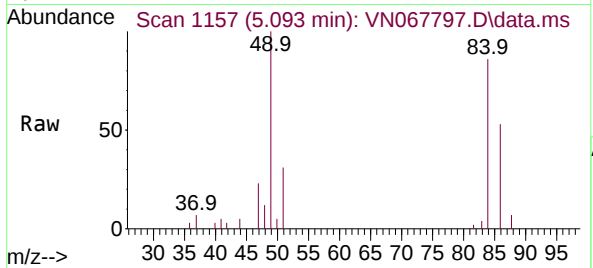
Tgt Ion: 43 Resp: 2413
Ion Ratio Lower Upper
43 100
74 15.3 17.4 26.0#



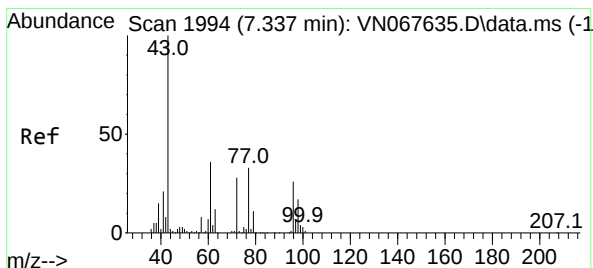
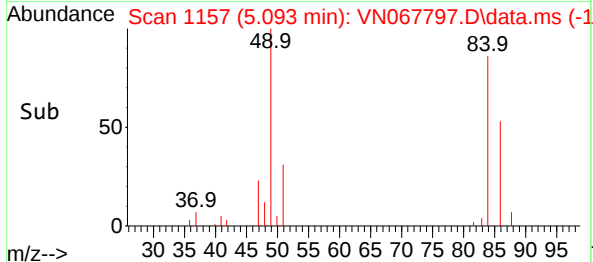
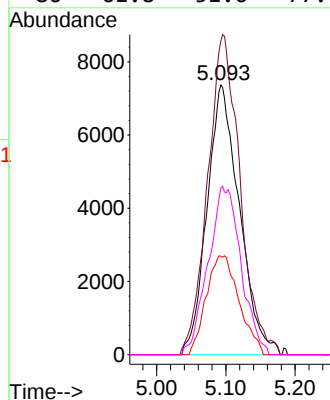


#20
Methylene Chloride
Concen: 5.928 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Instrument :
MSVOA_N
ClientSampled :

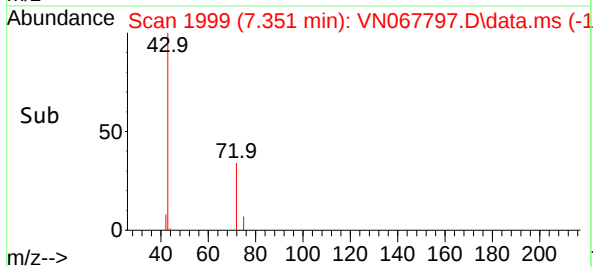
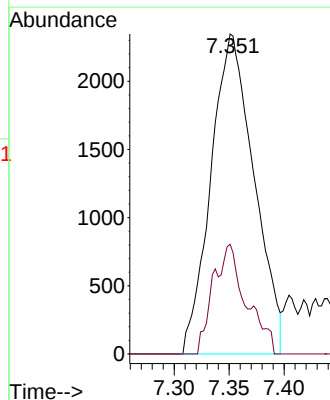
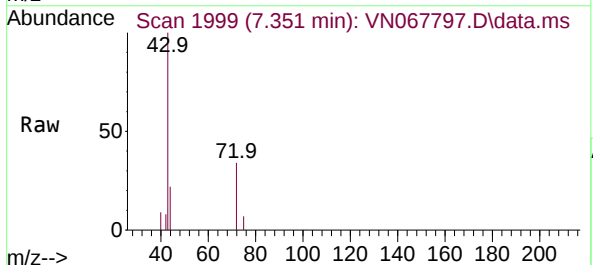


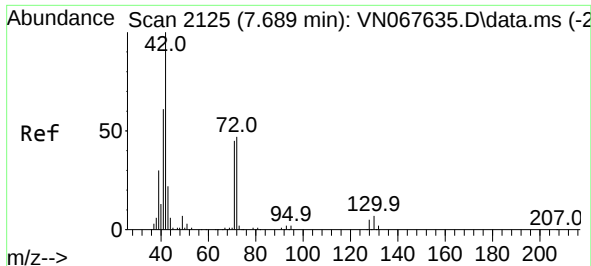
Tgt Ion:	84	Resp:	23906
Ion	Ratio	Lower	Upper
84	100		
49	116.2	110.9	166.3
51	36.5	32.6	49.0
86	61.8	51.6	77.4



#25
2-Butanone
Concen: 2.466 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
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Tgt Ion:	43	Resp:	6409
Ion	Ratio	Lower	Upper
43	100		
72	34.3	19.7	29.5#





#29

Tetrahydrofuran

Concen: 1.293 ug/l

RT: 7.699 min Scan# 2129

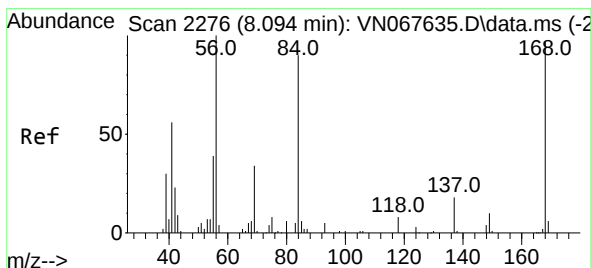
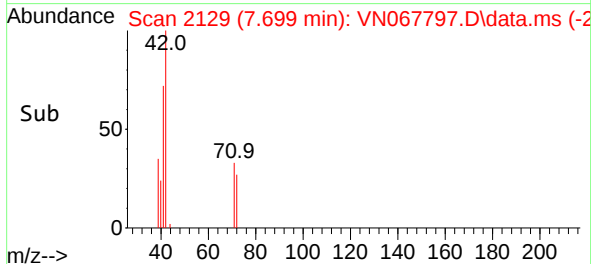
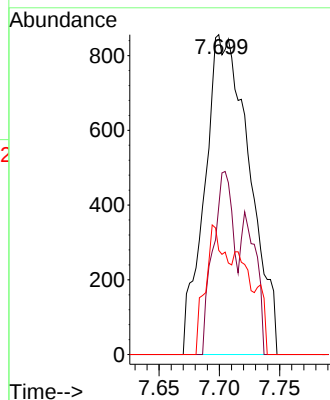
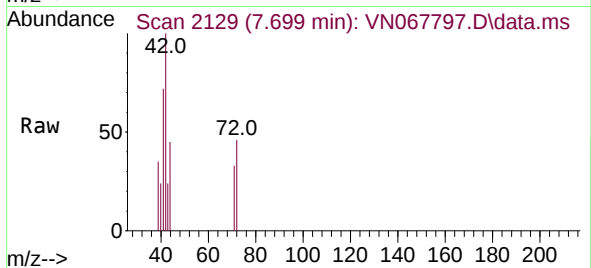
Delta R.T. 0.010 min

Lab File: VN067797.D

Acq: 19 Jul 2021 16:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	42	Resp:	2211
Ion	Ratio	Lower	Upper
42	100		
72	26.8	32.8	49.2#
71	19.8	31.2	46.8#



#31

Cyclohexane

Concen: 1.318 ug/l

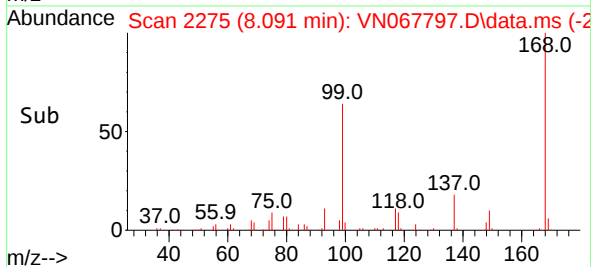
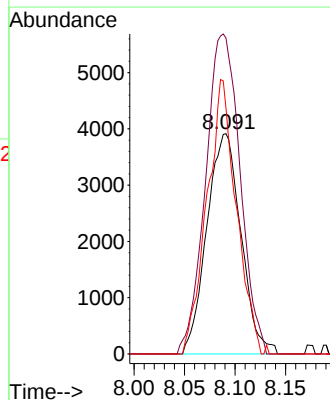
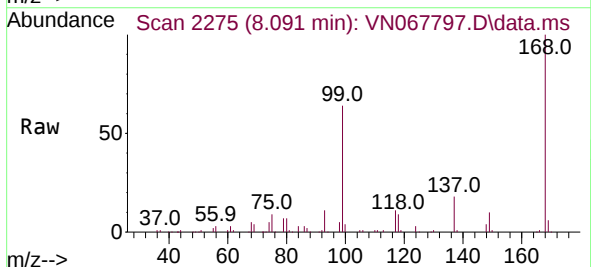
RT: 8.091 min Scan# 2275

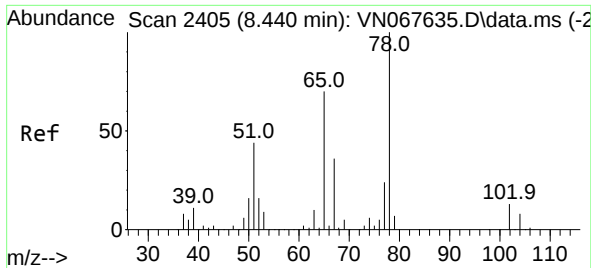
Delta R.T. -0.003 min

Lab File: VN067797.D

Acq: 19 Jul 2021 16:47

Tgt Ion:	56	Resp:	9194
Ion	Ratio	Lower	Upper
56	100		
69	143.4	27.3	40.9#
84	111.6	64.9	97.3#

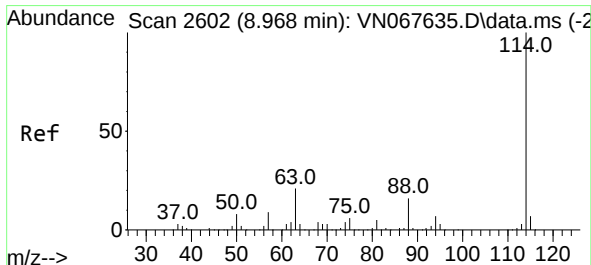
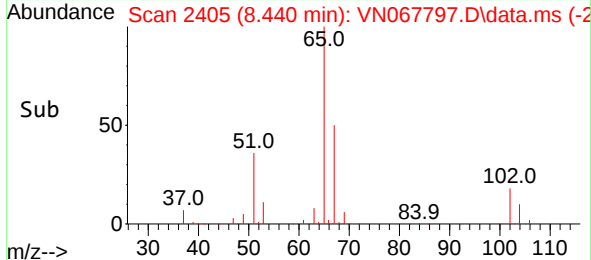
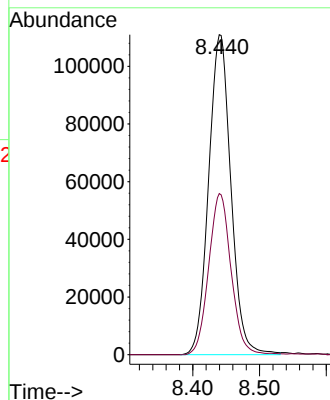
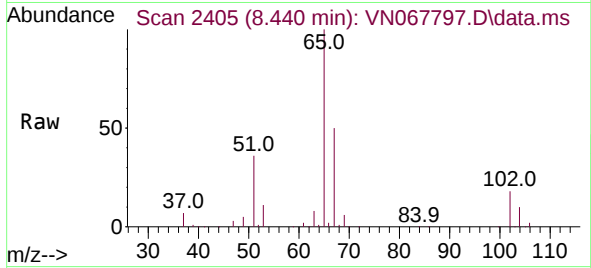




#33
 1,2-Dichloroethane-d4
 Concen: 51.716 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067797.D
 Acq: 19 Jul 2021 16:47

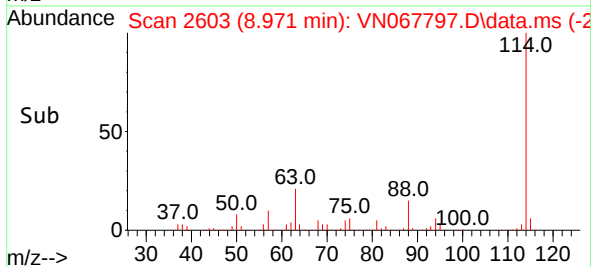
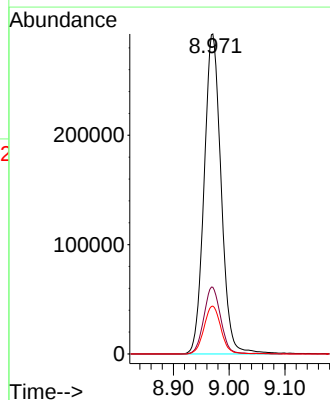
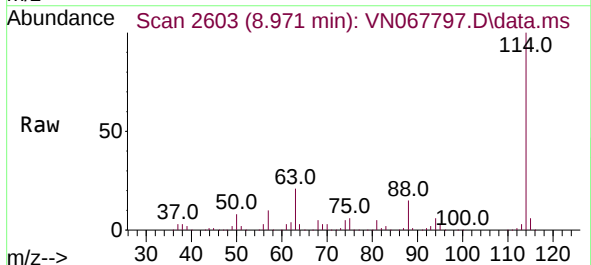
Instrument :
 MSVOA_N
 ClientSampled :

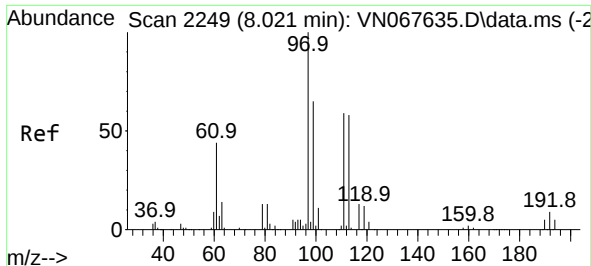
Tgt Ion: 65 Resp: 257289
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN067797.D
 Acq: 19 Jul 2021 16:47

Tgt Ion: 114 Resp: 619736
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 49.0
 88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.084 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN067797.D

Acq: 19 Jul 2021 16:47

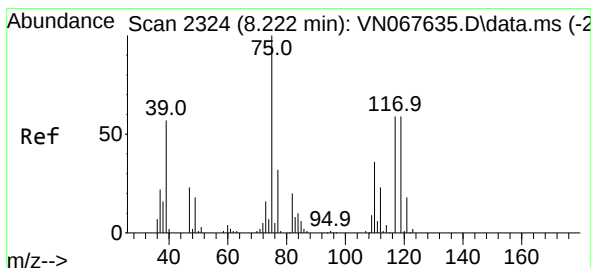
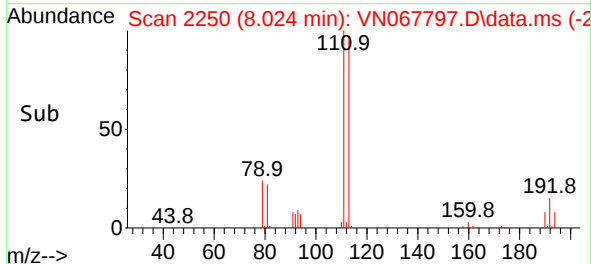
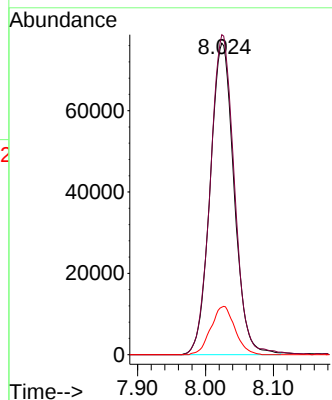
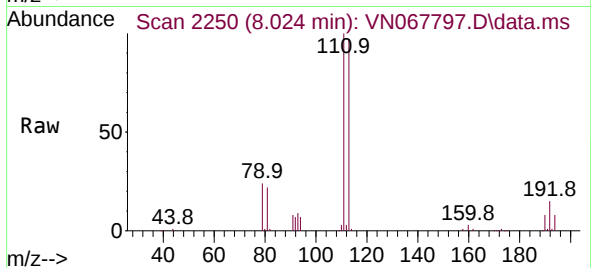
Tgt Ion:113 Resp: 187529

Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.8

192 15.6 13.4 20.0



#36

1,1-Dichloropropene

Concen: 5.138 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.134 min

Lab File: VN067797.D

Acq: 19 Jul 2021 16:47

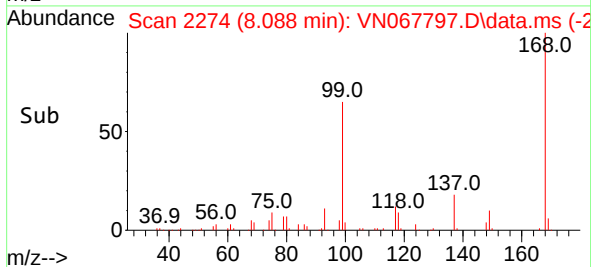
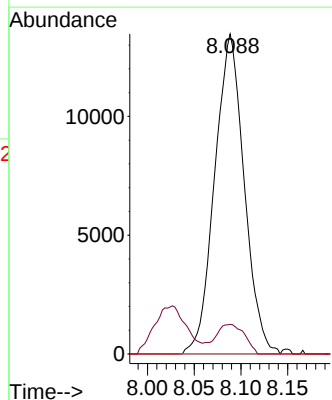
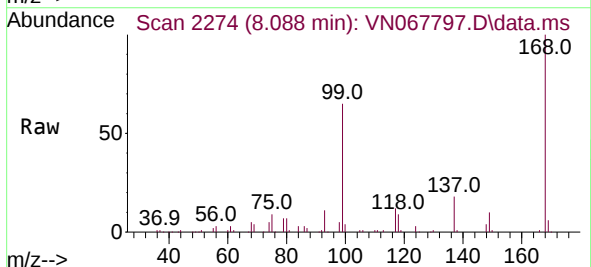
Tgt Ion: 75 Resp: 29576

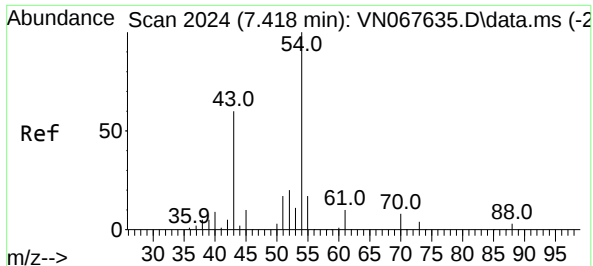
Ion Ratio Lower Upper

75 100

110 8.6 15.7 47.0#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.149 ug/l

RT: 7.351 min Scan# 1999

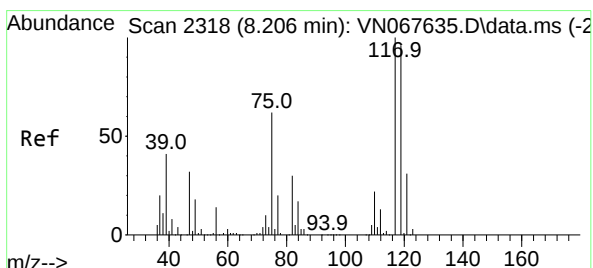
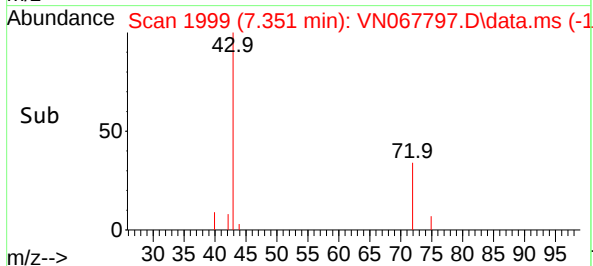
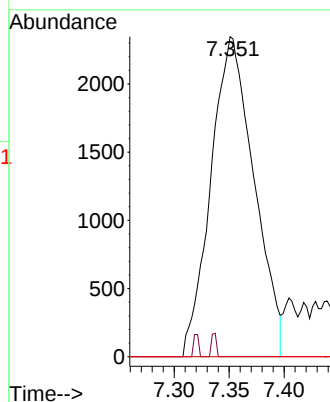
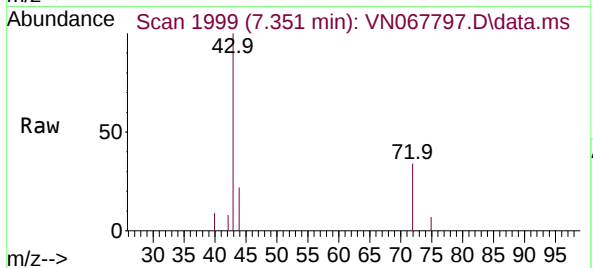
Delta R.T. -0.067 min

Lab File: VN067797.D

Acq: 19 Jul 2021 16:47

Tgt Ion:	43	Resp:	6409
Ion	Ratio	Lower	Upper
43	100		
61	0.8	10.6	16.0#
70	0.0	8.1	12.1#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.693 ug/l

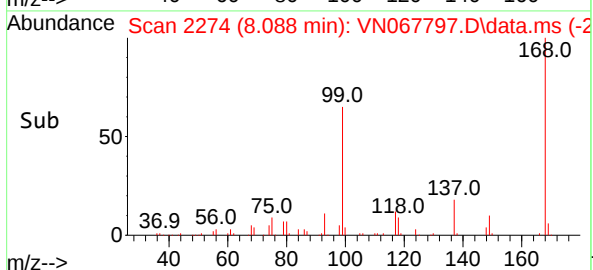
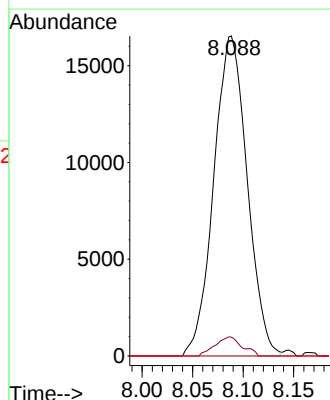
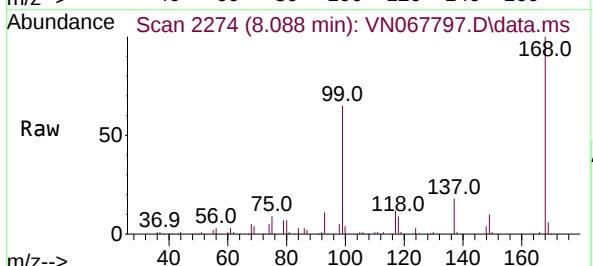
RT: 8.088 min Scan# 2274

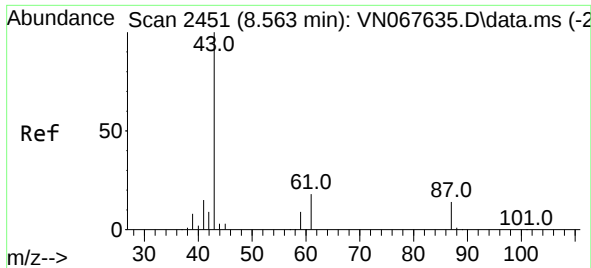
Delta R.T. -0.118 min

Lab File: VN067797.D

Acq: 19 Jul 2021 16:47

Tgt Ion:	117	Resp:	38006
Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.4	113.2#
121	0.0	23.5	35.3#

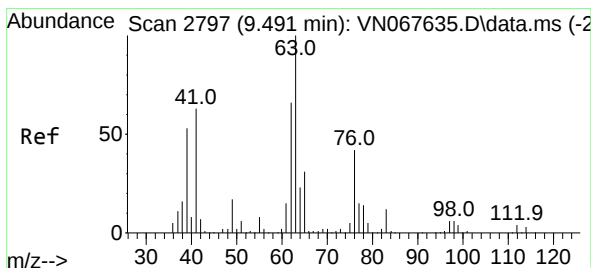
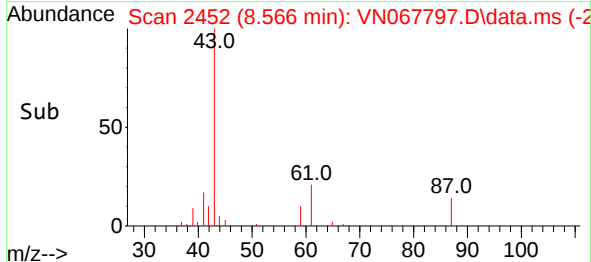
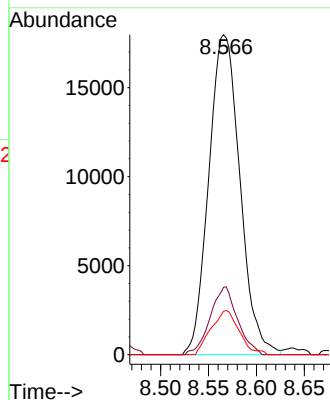
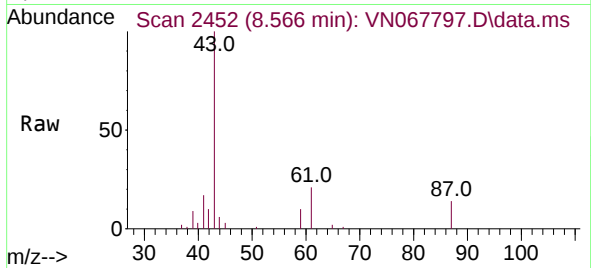




#43
Isopropyl Acetate
Concen: 4.139 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

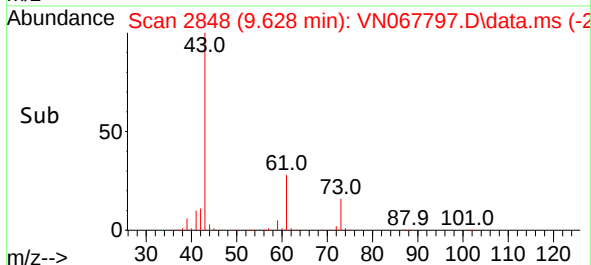
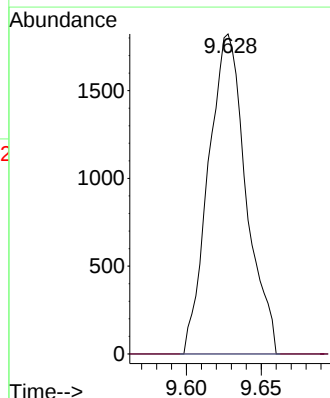
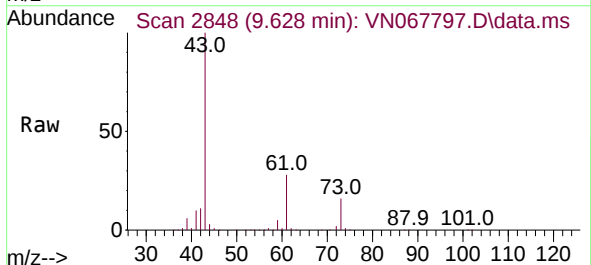
Instrument :
MSVOA_N
ClientSampled :

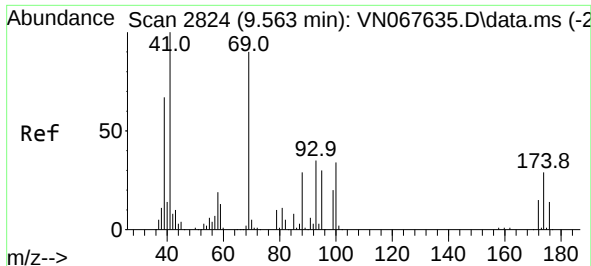
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	19.0	28.4#
87	12.5	9.5	14.3



#45
1,2-Dichloropropane
Concen: 0.733 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.137 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.3	36.5#

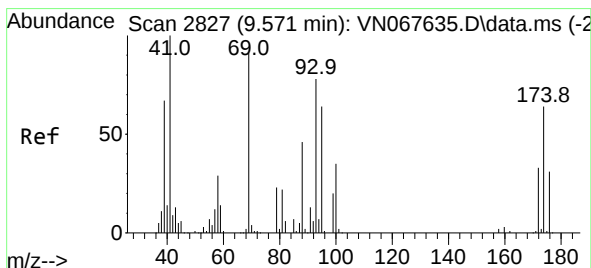
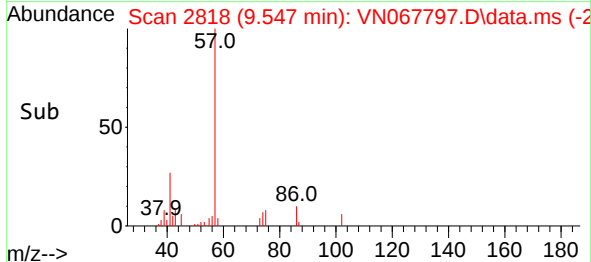
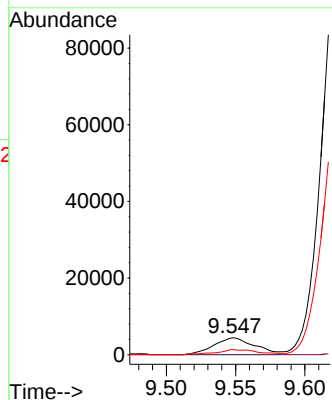
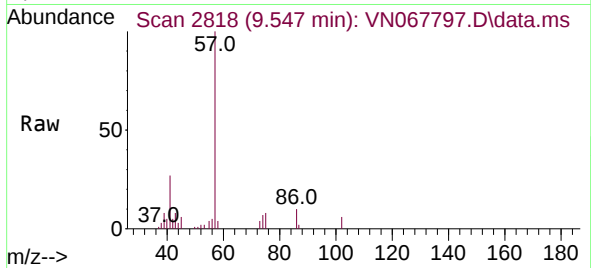




#48
Methyl methacrylate
Concen: 2.092 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.016 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

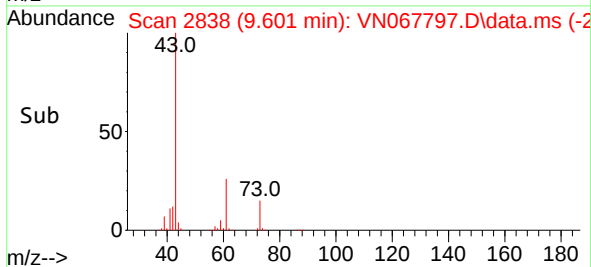
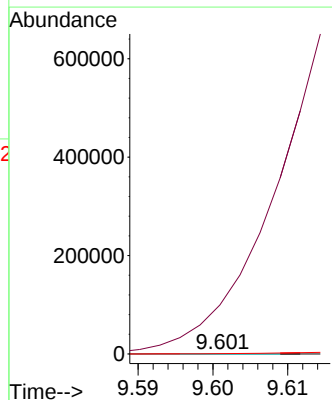
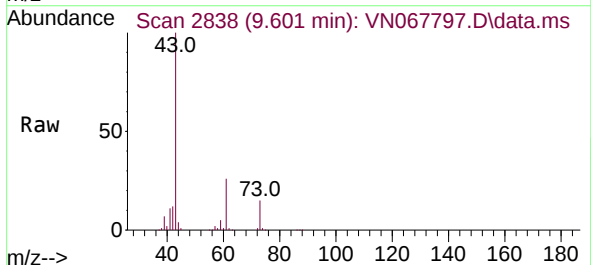
Instrument :
MSVOA_N
ClientSampleId :

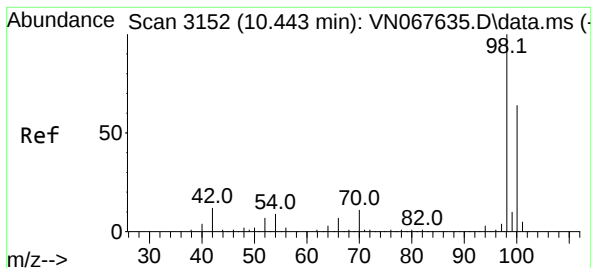
Tgt Ion: 41 Resp: 9077
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#



#49
1,4-Dioxane
Concen: 32.694 ug/l
RT: 9.601 min Scan# 2838
Delta R.T. 0.030 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 0.0 60.4 90.6#

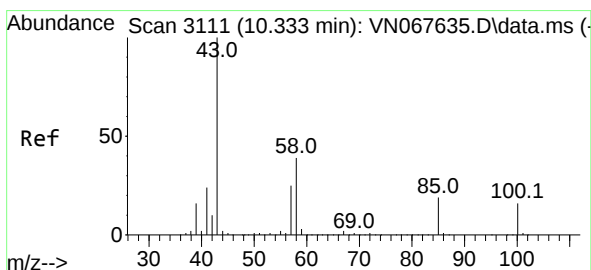
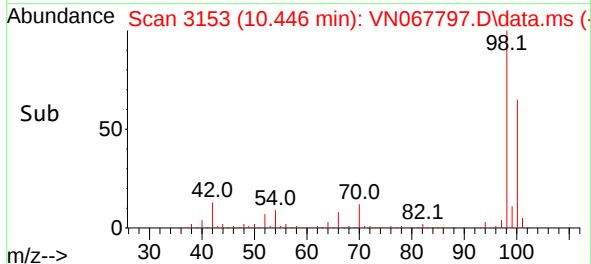
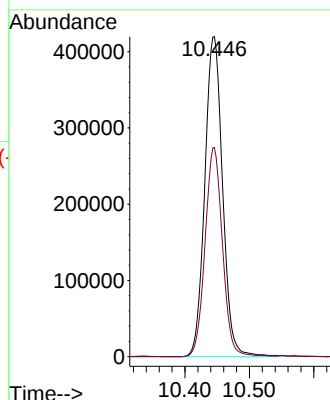
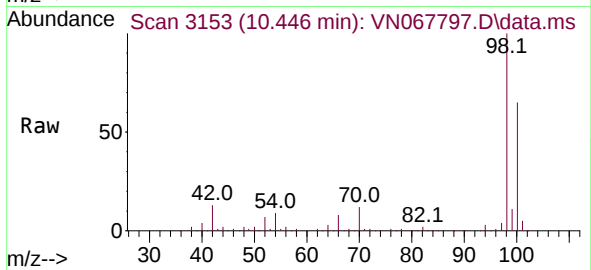




#50
Toluene-d8
Concen: 51.479 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

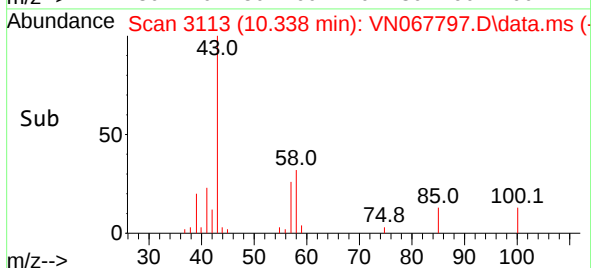
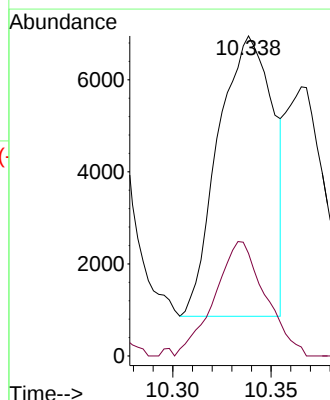
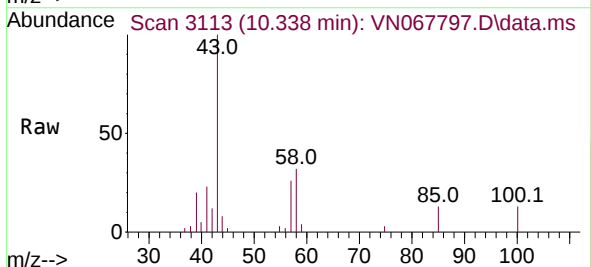
Instrument :
MSVOA_N
ClientSampled :

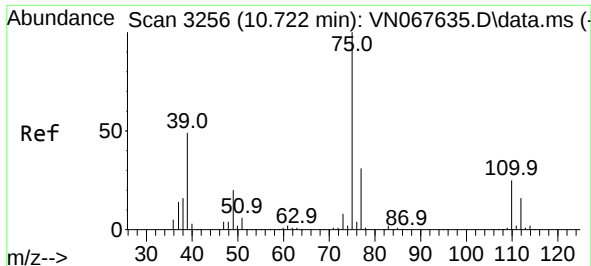
Tgt Ion: 98 Resp: 806816
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.960 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.005 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 43 Resp: 11817
Ion Ratio Lower Upper
43 100
58 37.6 28.6 43.0

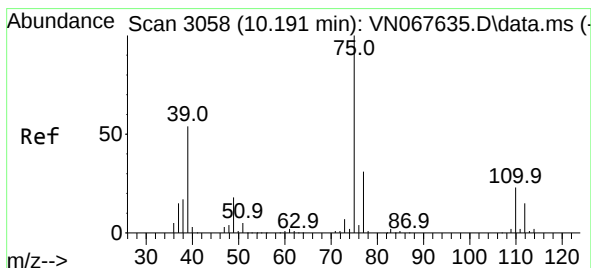
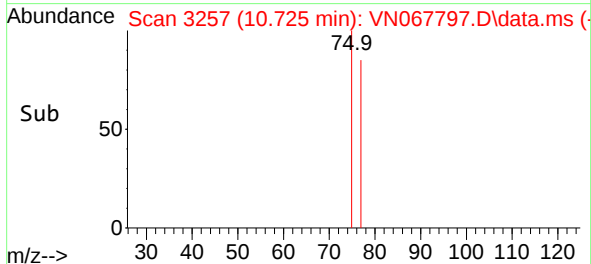
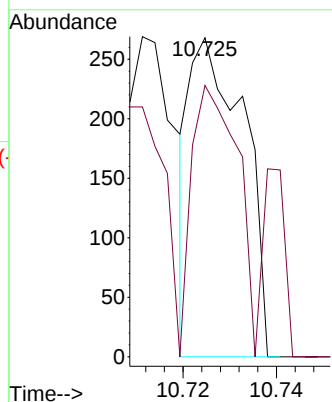
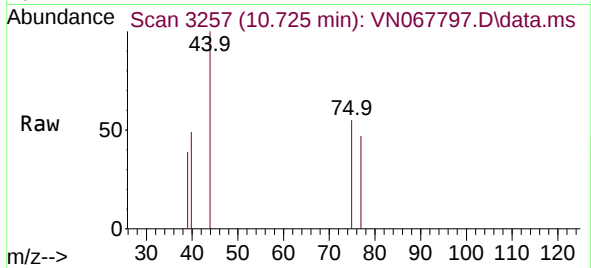




#53
t-1,3-Dichloropropene
Concen: 1.773 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

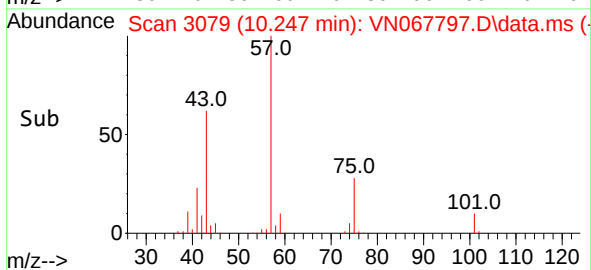
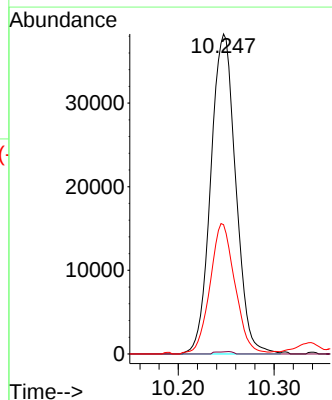
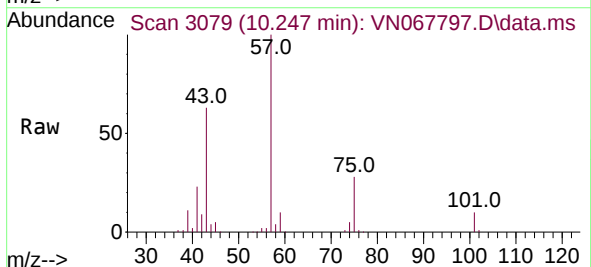
Instrument :
MSVOA_N
ClientSampled :

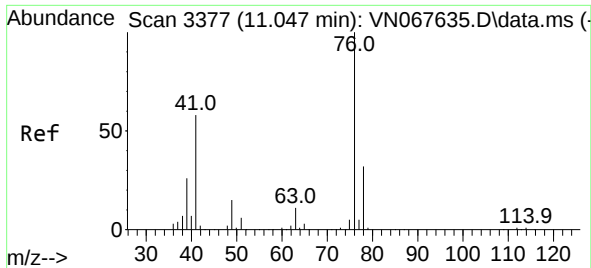
Tgt Ion: 75 Resp: 216
Ion Ratio Lower Upper
75 100
77 85.1 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 10.281 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.056 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 75 Resp: 69194
Ion Ratio Lower Upper
75 100
77 0.6 24.6 37.0#
39 40.4 50.7 76.1#

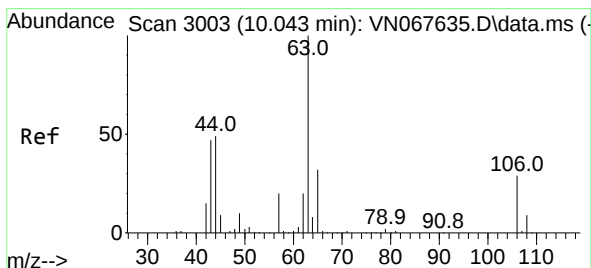
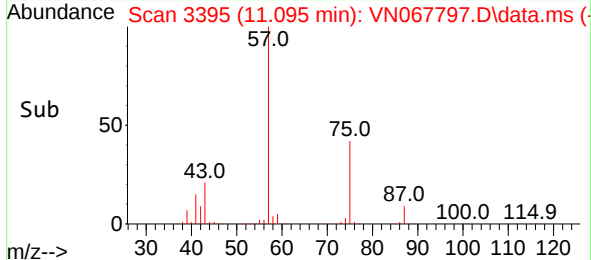
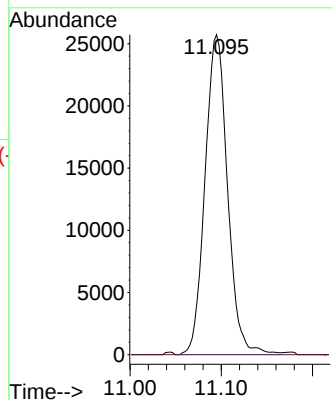
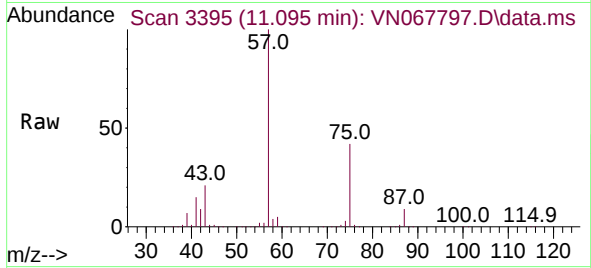




#57
1,3-Dichloropropane
Concen: 5.957 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.048 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

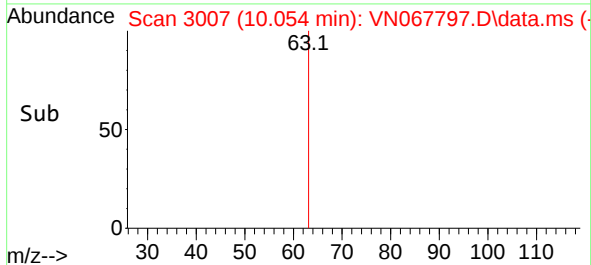
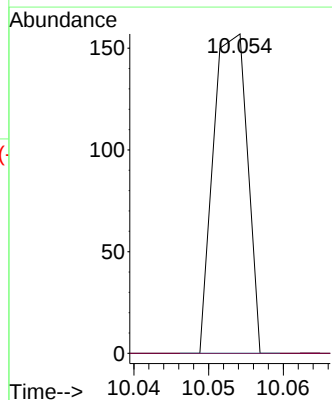
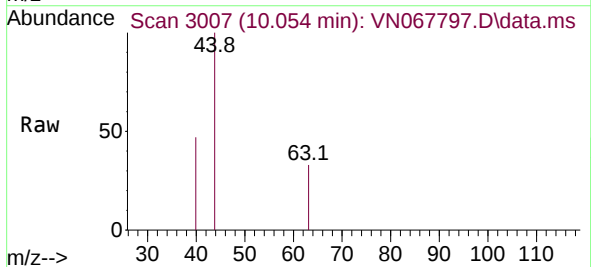
Instrument :
MSVOA_N
ClientSampled :

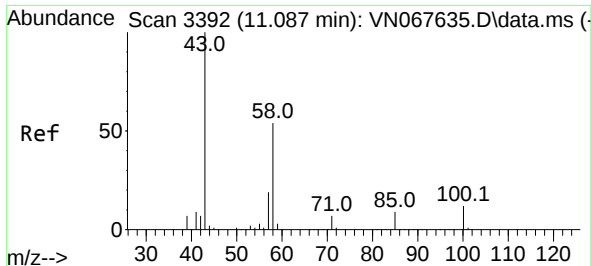
Tgt Ion: 76 Resp: 44184
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#58
2-Chloroethyl Vinyl ether
Concen: 17.039 ug/l
RT: 10.054 min Scan# 3007
Delta R.T. 0.011 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 63 Resp: 49
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#

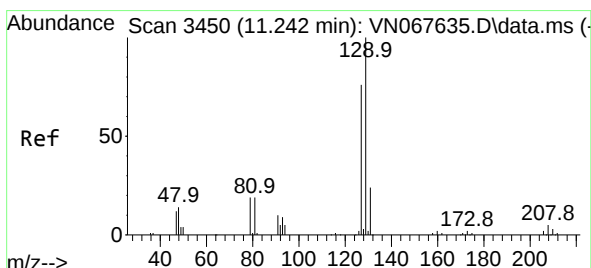
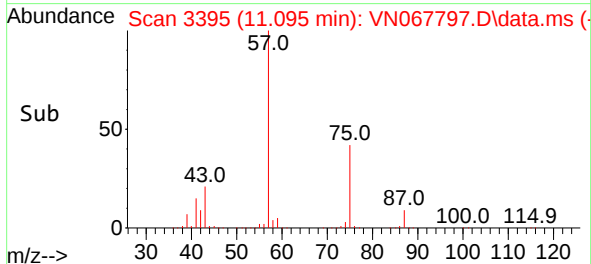
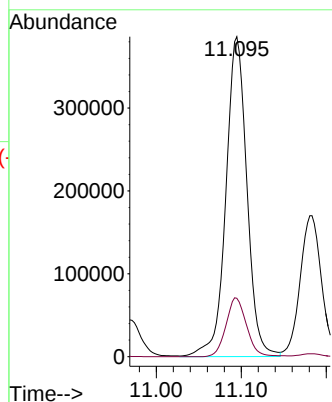
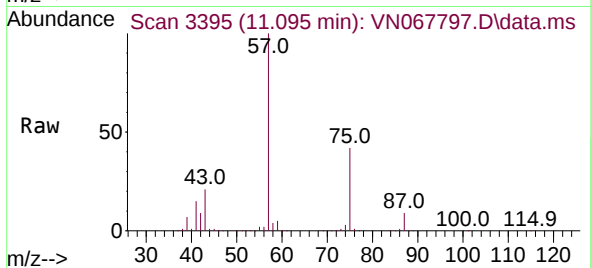




#59
2-Hexanone
Concen: 158.050 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

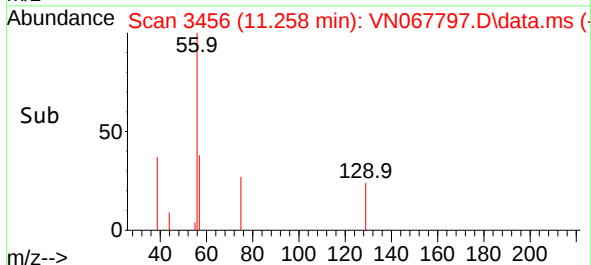
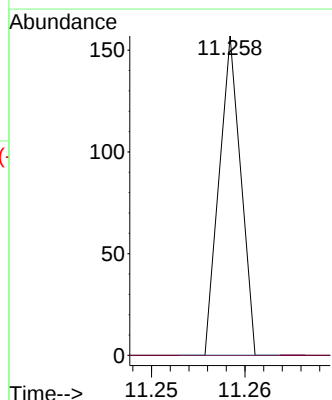
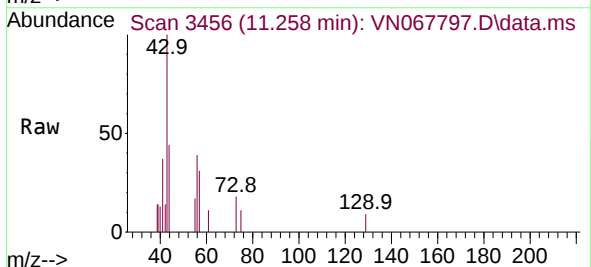
Instrument :
MSVOA_N
ClientSampled :

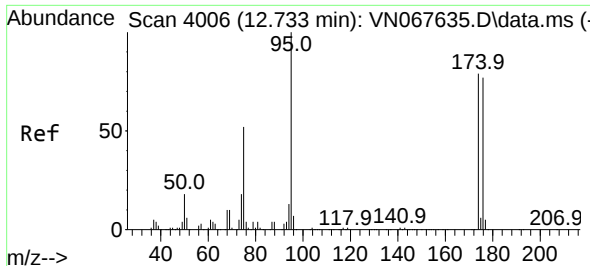
Tgt Ion: 43 Resp: 664991
Ion Ratio Lower Upper
43 100
58 18.0 24.7 74.1#



#60
Dibromochloromethane
Concen: 2.361 ug/l
RT: 11.258 min Scan# 3456
Delta R.T. 0.016 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 129 Resp: 25
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

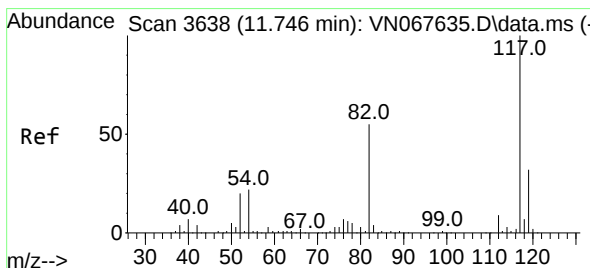
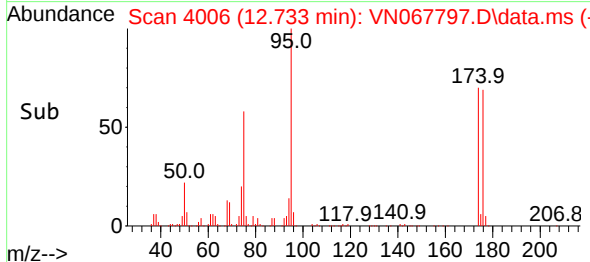
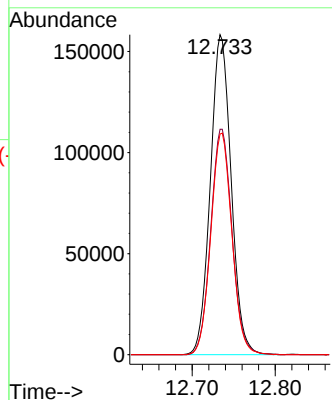
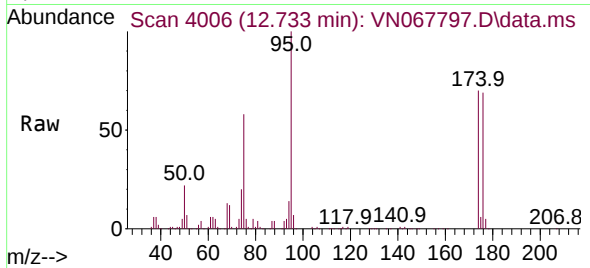




#62
4-Bromofluorobenzene
Concen: 49.821 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

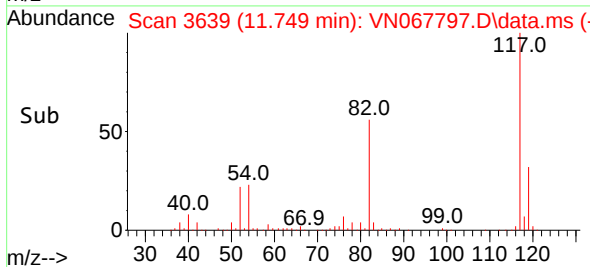
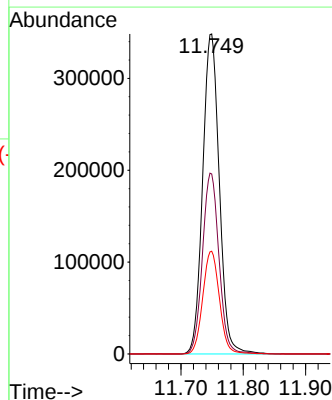
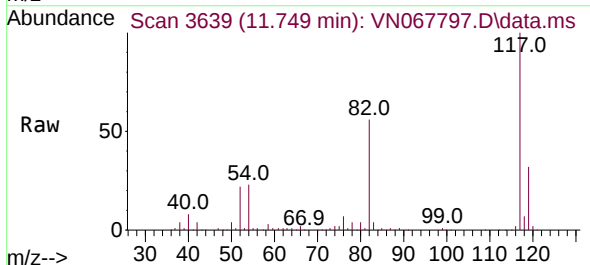
Instrument :
MSVOA_N
ClientSampleId :

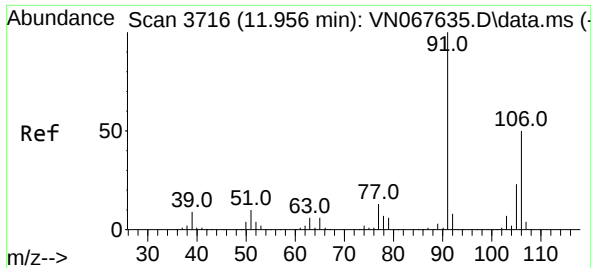
Tgt Ion: 95 Resp: 275832
Ion Ratio Lower Upper
95 100
174 72.0 0.0 122.0
176 70.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 117 Resp: 645794
Ion Ratio Lower Upper
117 100
82 56.3 53.1 79.7
119 32.1 25.5 38.3

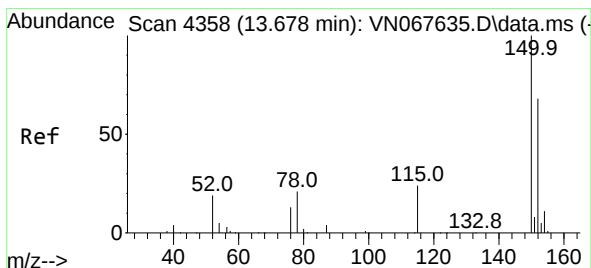
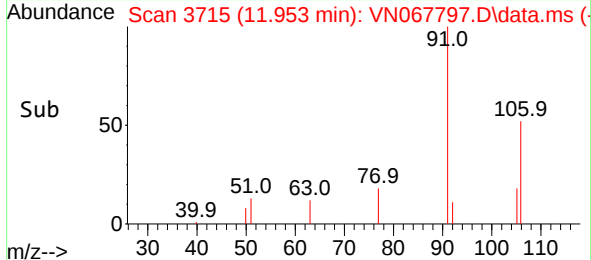
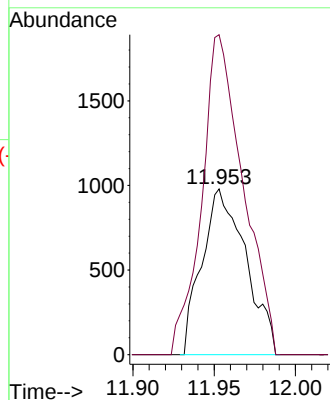
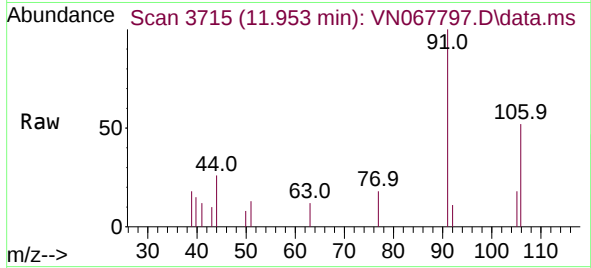




#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

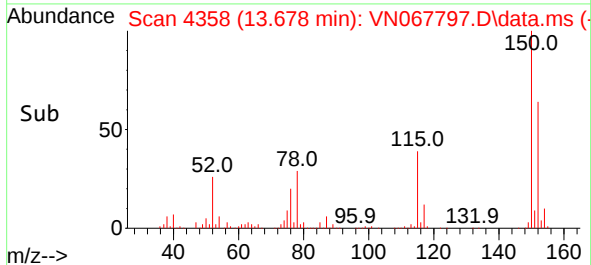
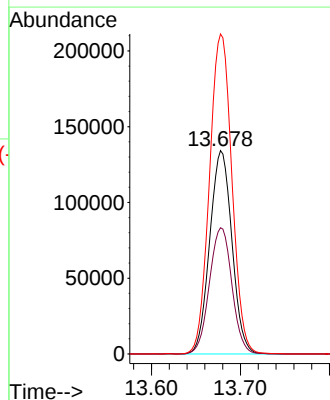
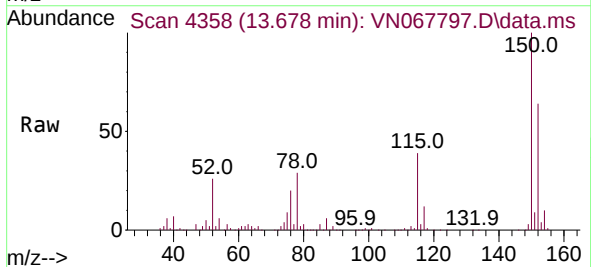
Instrument :
MSVOA_N
ClientSampled :

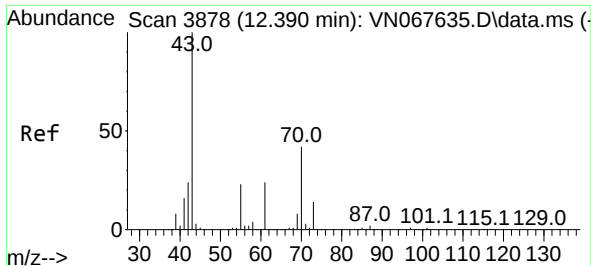
Tgt Ion:106 Resp: 1837
Ion Ratio Lower Upper
106 100
91 182.6 180.6 270.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

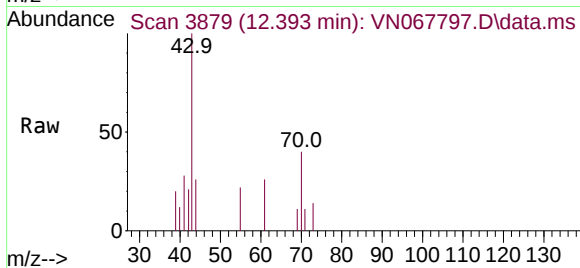
Tgt Ion:152 Resp: 232709
Ion Ratio Lower Upper
152 100
115 62.8 36.1 108.5
150 158.6 0.0 351.8



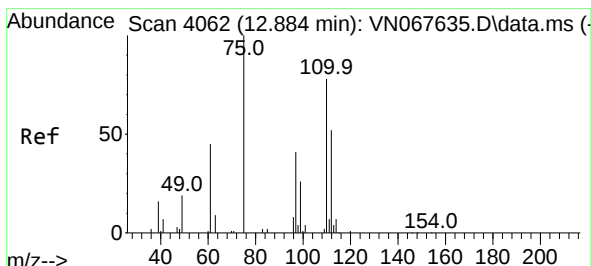
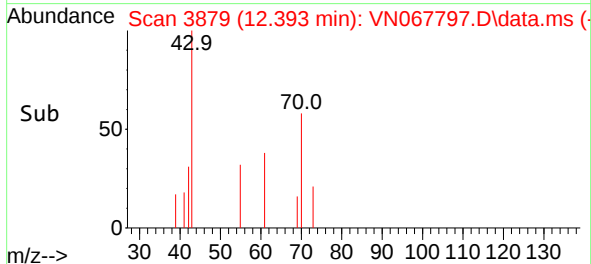
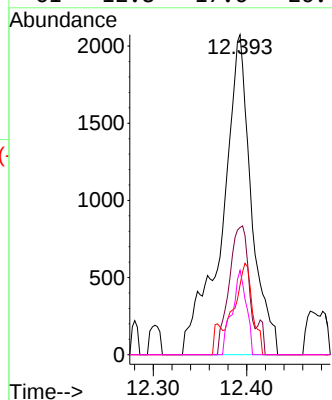


#74
N-amy1 acetate
Concen: 0.660 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Instrument :
MSVOA_N
ClientSampled :

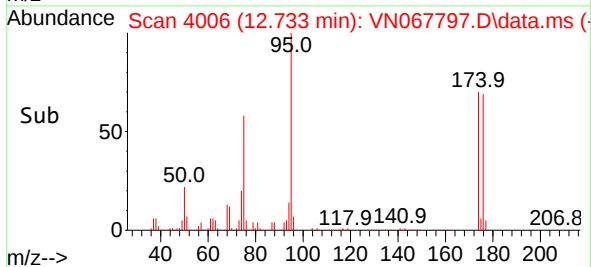
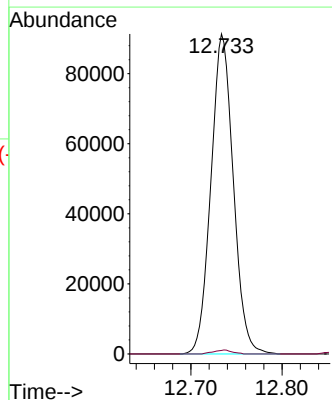
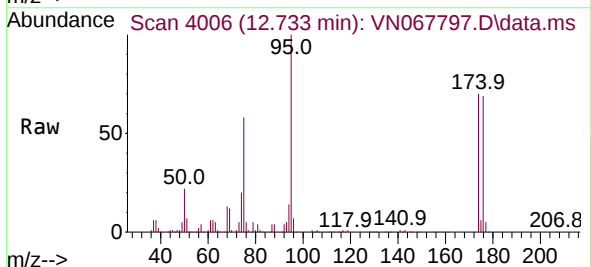


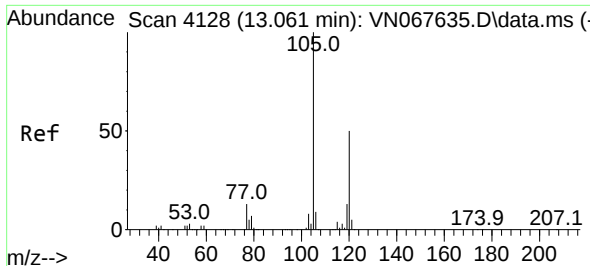
Tgt Ion: 43 Resp: 4499
Ion Ratio Lower Upper
43 100
70 27.1 29.4 44.2#
55 17.8 17.0 25.4
61 12.8 17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 32.731 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 75 Resp: 155547
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

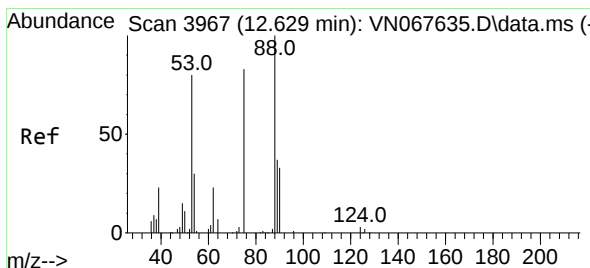
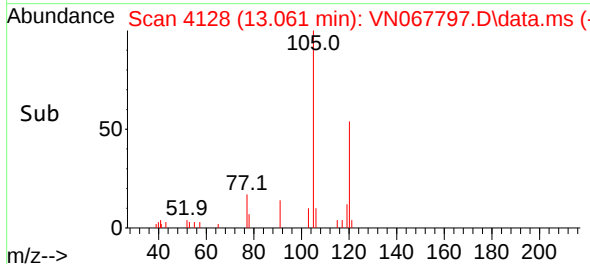
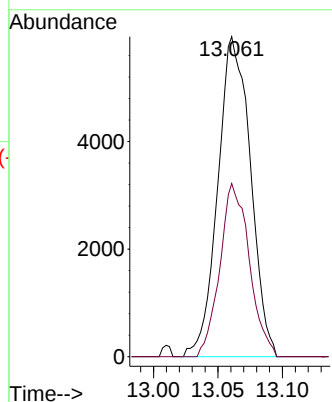
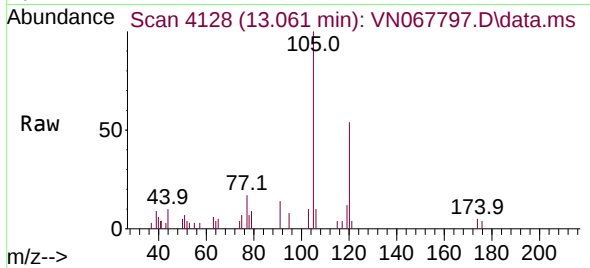




#80
1,3,5-Trimethylbenzene
Concen: 0.688 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

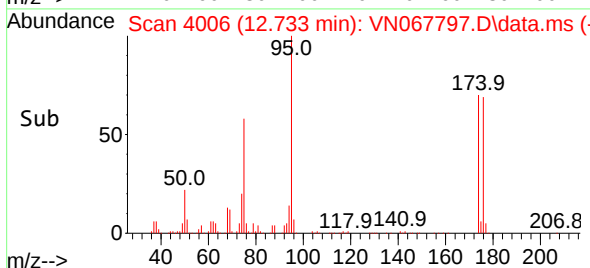
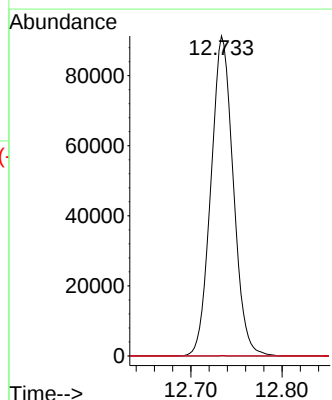
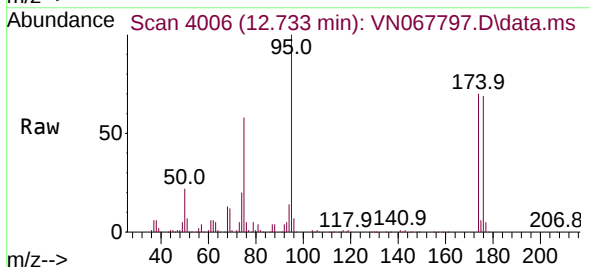
Instrument :
MSVOA_N
ClientSampleId :

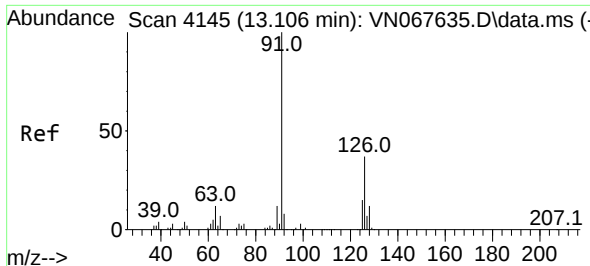
Tgt Ion:105 Resp: 10467
Ion Ratio Lower Upper
105 100
120 48.8 22.2 66.6



#81
trans-1,4-Dichloro-2-butene
Concen: 105.527 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 75 Resp: 155547
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

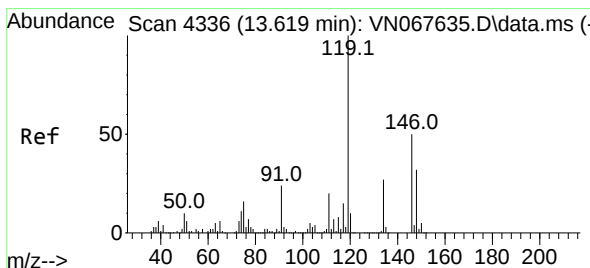
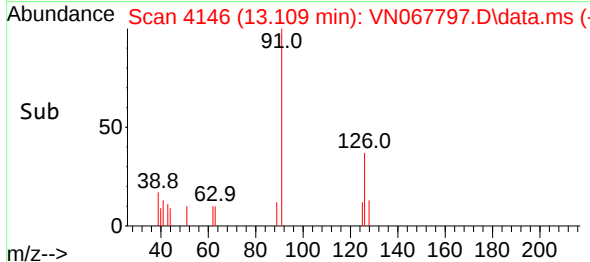
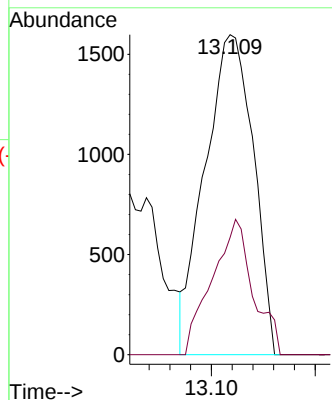
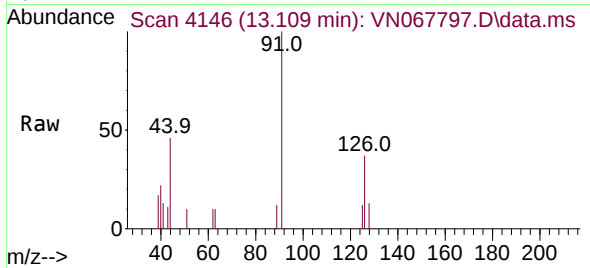




#82
4-Chlorotoluene
Concen: 0.204 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

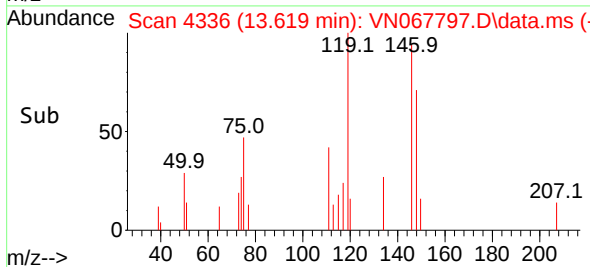
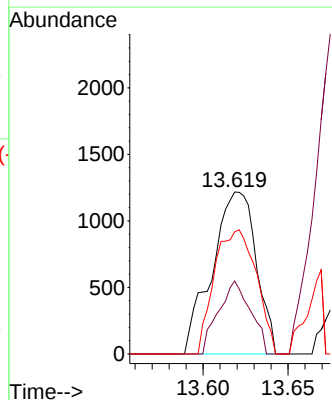
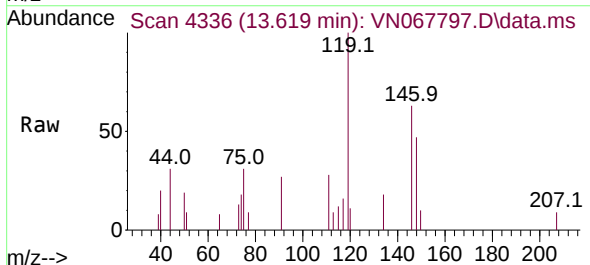
Instrument :
MSVOA_N
ClientSampled :

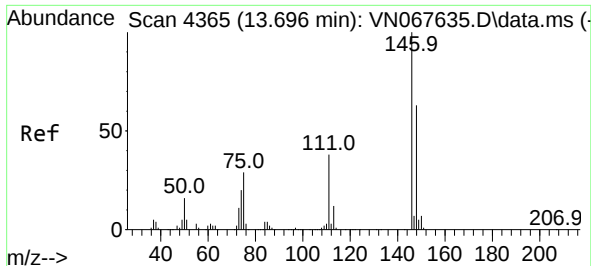
Tgt Ion: 91 Resp: 2585
Ion Ratio Lower Upper
91 100
126 35.9 14.8 44.4



#87
1,3-Dichlorobenzene
Concen: 0.286 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion:146 Resp: 2204
Ion Ratio Lower Upper
146 100
111 32.7 24.3 72.8
148 72.5 32.0 96.0

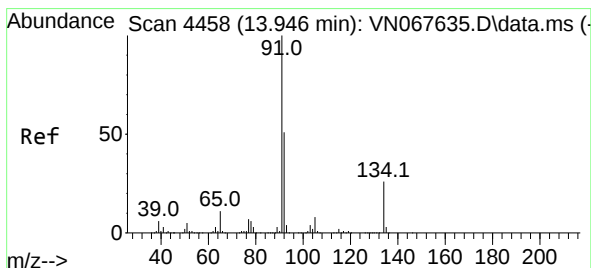
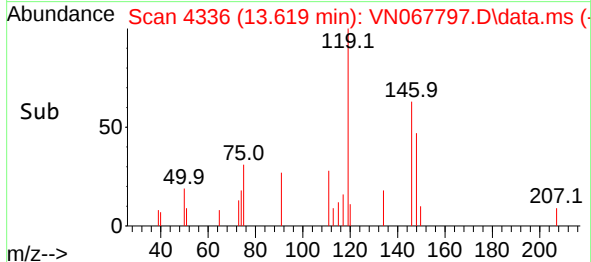
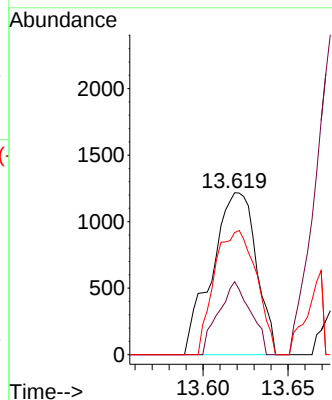
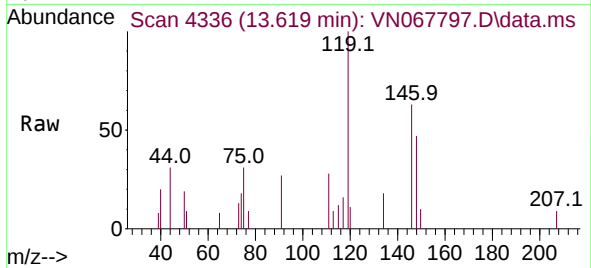




#88
1,4-Dichlorobenzene
Concen: 0.279 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.077 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

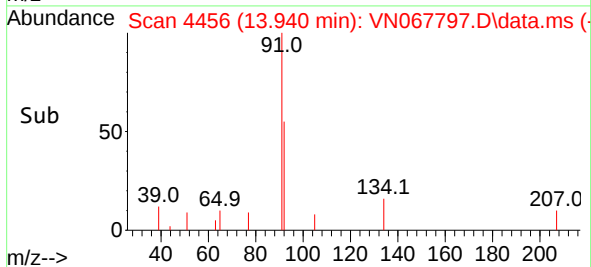
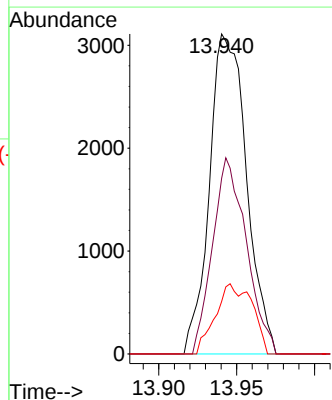
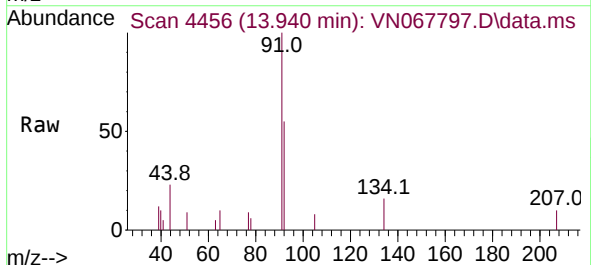
Instrument :
MSVOA_N
ClientSampleId :

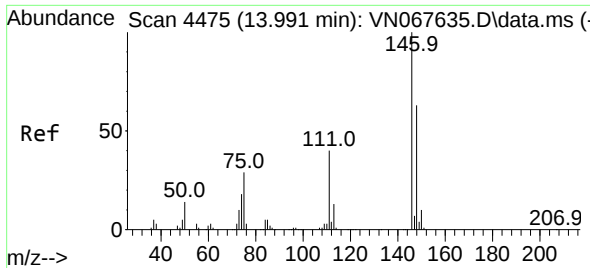
Tgt Ion:146 Resp: 2204
Ion Ratio Lower Upper
146 100
111 32.7 23.4 70.2
148 72.5 31.8 95.3



#89
n-Butylbenzene
Concen: 0.414 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.006 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 91 Resp: 5142
Ion Ratio Lower Upper
91 100
92 55.9 25.7 77.1
134 13.6 11.2 33.6

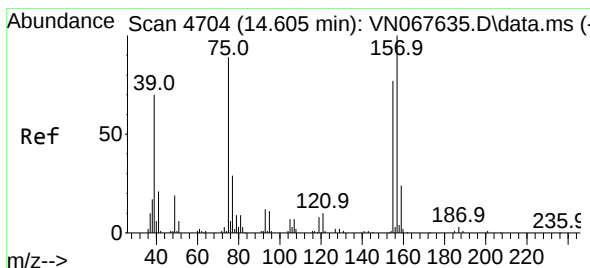
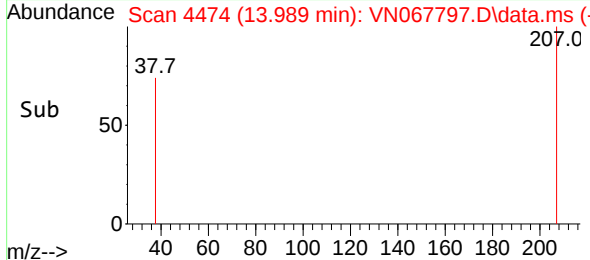
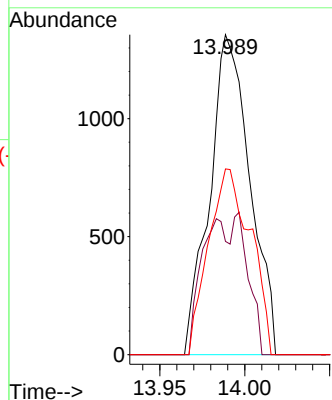
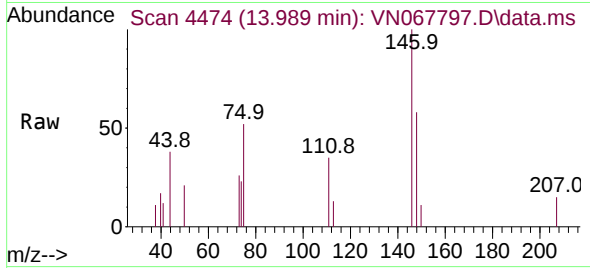




#91
1,2-Dichlorobenzene
Concen: 0.301 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

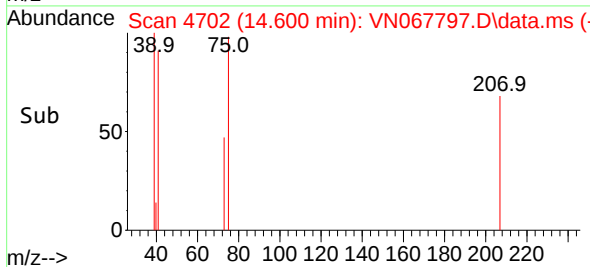
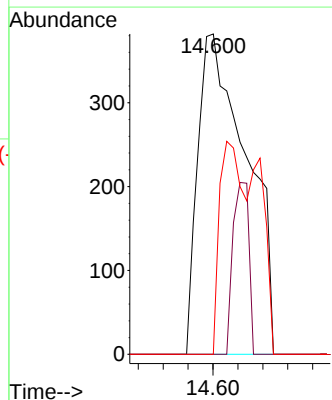
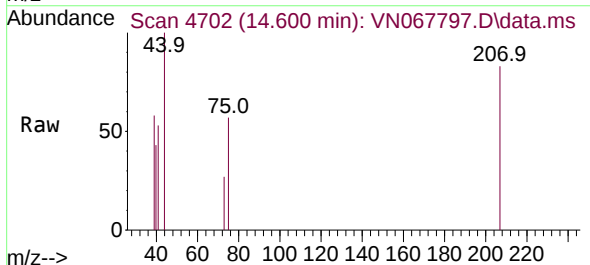
Instrument :
MSVOA_N
ClientSampled :

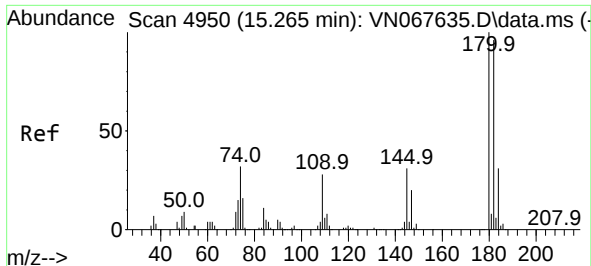
Tgt Ion:146 Resp: 2239
Ion Ratio Lower Upper
146 100
111 29.6 24.9 74.6
148 60.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.548 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.005 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion: 75 Resp: 519
Ion Ratio Lower Upper
75 100
155 17.5 29.8 89.5#
157 33.7 37.6 112.8#

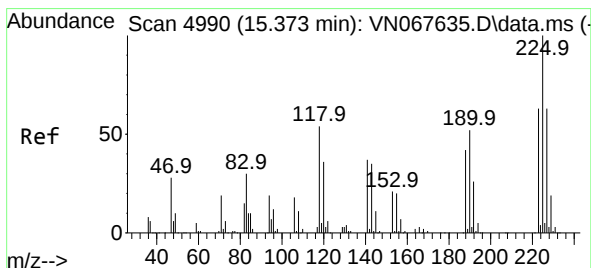
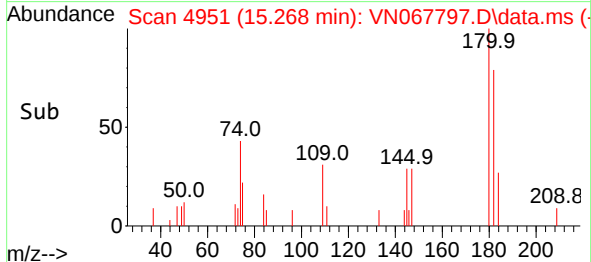
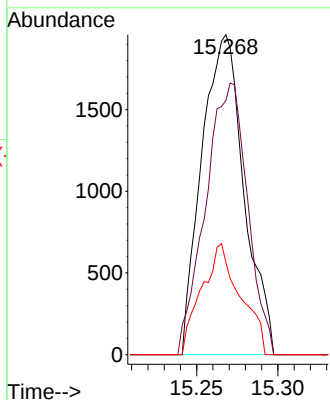
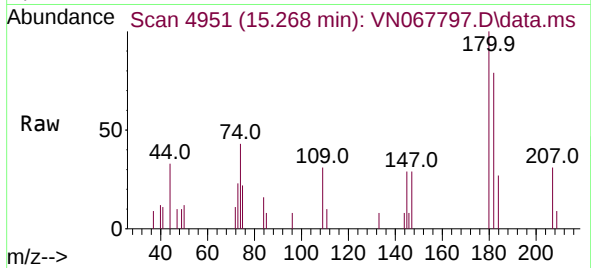




#93
1,2,4-Trichlorobenzene
Concen: 3.540 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

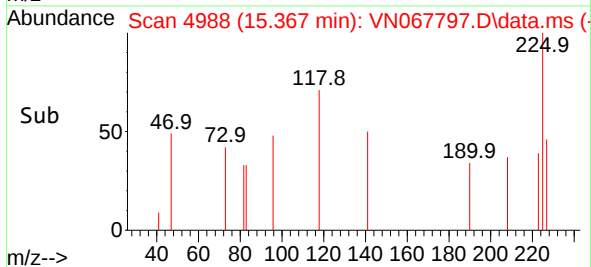
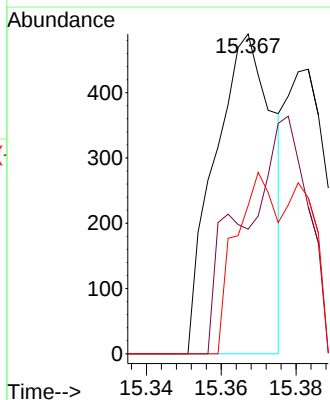
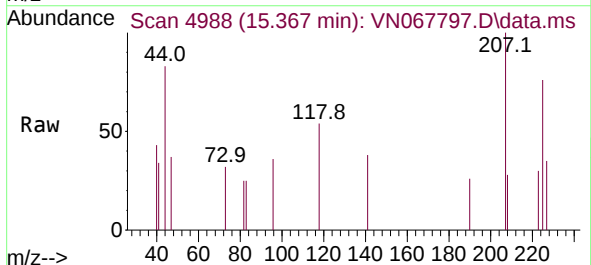
Instrument :
MSVOA_N
ClientSampled :

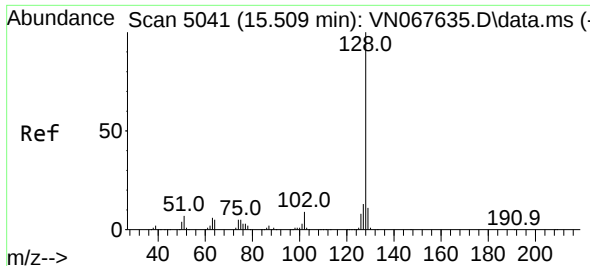
Tgt Ion:180 Resp: 3544
Ion Ratio Lower Upper
180 100
182 84.3 47.5 142.5
145 31.7 17.2 51.6



#94
Hexachlorobutadiene
Concen: 0.337 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.006 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion:225 Resp: 527
Ion Ratio Lower Upper
225 100
223 24.5 31.4 94.0#
227 40.0 31.2 93.6

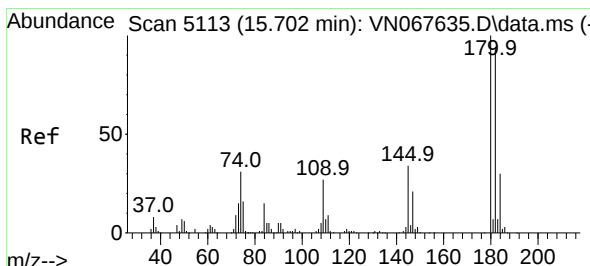
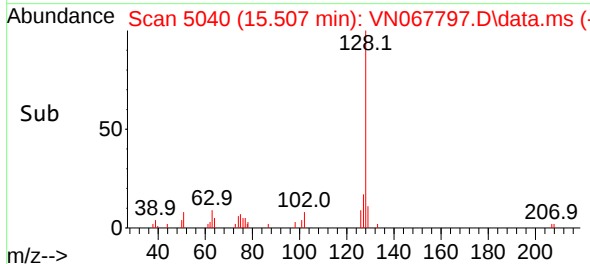
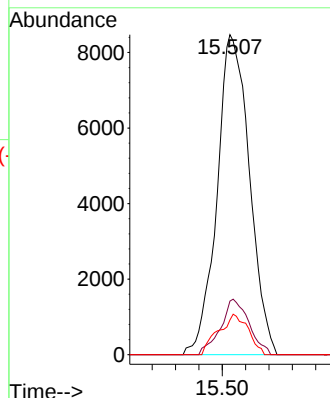
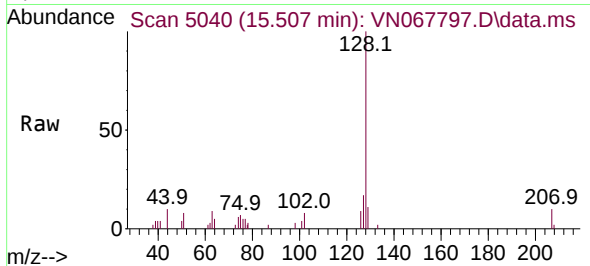




#95
Naphthalene
Concen: 4.359 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128	Resp:	16324
Ion Ratio	Lower	Upper
128	100	
127	15.2	10.6 15.8
129	11.5	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.664 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN067797.D
Acq: 19 Jul 2021 16:47

Tgt Ion:180	Resp:	4046
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.8 143.3
145	34.7	18.2 54.6

