

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070778.D
 Acq On : 25 Jan 2022 17:07
 Operator : JC/MD
 Sample : N1251-04
 Misc : 2.47g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 275

Quant Time: Jan 26 00:49:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	862890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1387457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1186952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	478936	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	596568	48.240	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.480%
35) Dibromofluoromethane	8.019	113	397309	46.164	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.320%
50) Toluene-d8	10.441	98	1720341	47.449	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.731	95	575535	44.547	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.100%

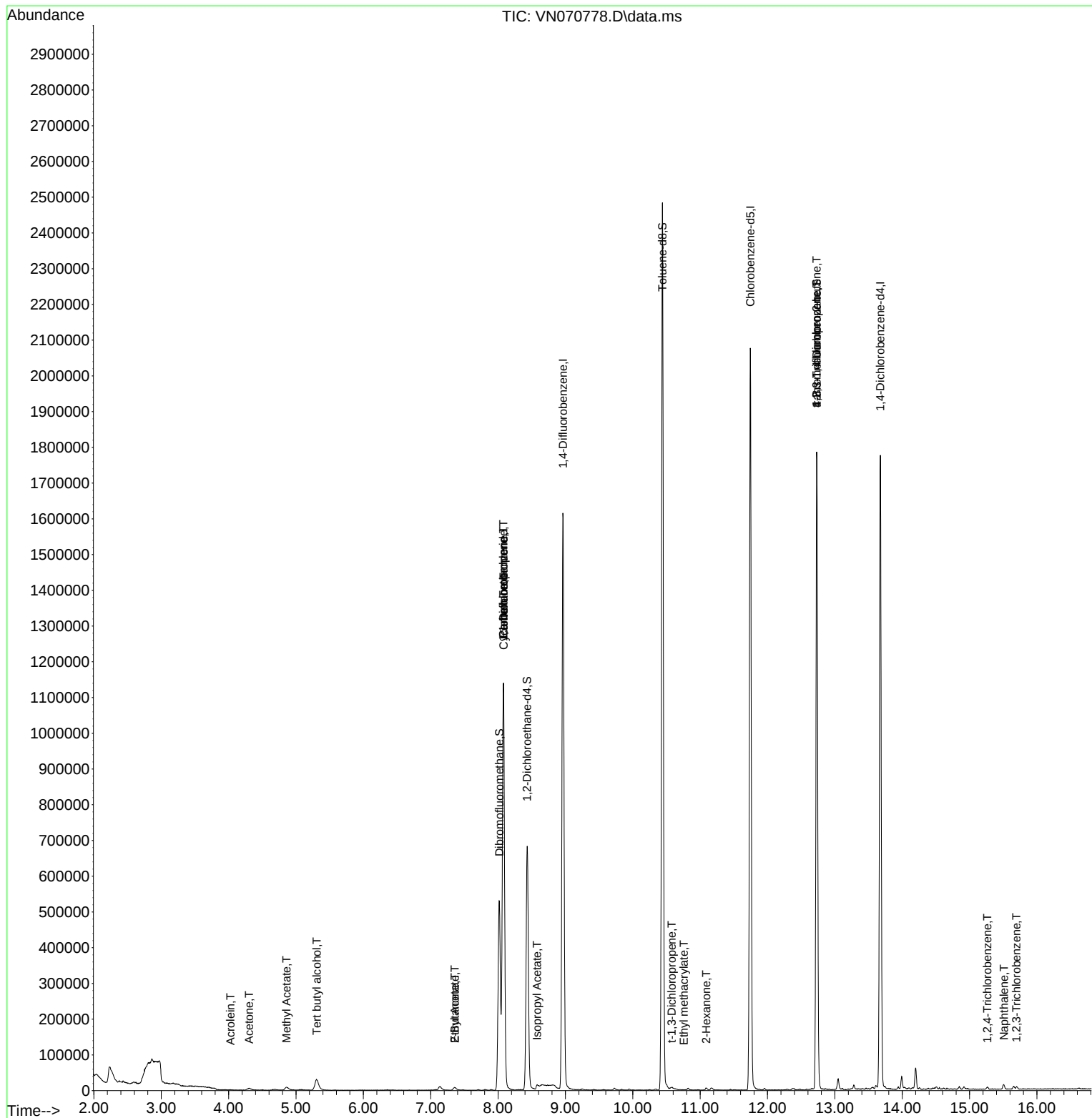
Target Compounds						Qvalue
11) Tert butyl alcohol	5.307	59	34914	15.649	ug/l #	72
13) Acrolein	4.028	56	1030	0.322	ug/l #	50
16) Acetone	4.304	43	6302	0.734	ug/l	96
18) Methyl Acetate	4.859	43	21216	1.257	ug/l #	75
25) 2-Butanone	7.356	43	10117	0.937	ug/l	97
30) Chloroform	7.809	83	2395	Below Cal		93
31) Cyclohexane	8.083	56	19846	0.911	ug/l #	14
36) 1,1-Dichloropropene	8.078	75	72349	4.993	ug/l #	48
37) Ethyl Acetate	7.356	43	10117	0.526	ug/l #	68
38) Carbon Tetrachloride	8.080	117	87668	6.802	ug/l #	16
43) Isopropyl Acetate	8.579	43	8267	0.281	ug/l #	55
53) t-1,3-Dichloropropene	10.577	75	2115	2.518	ug/l #	1
56) Ethyl methacrylate	10.757	69	89	2.306	ug/l #	24
59) 2-Hexanone	11.092	43	4942	0.363	ug/l	89
76) 1,2,3-Trichloropropane	12.731	75	312446	24.597	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	312446	73.278	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	2455	3.684	ug/l	96
95) Naphthalene	15.509	128	12829	5.414	ug/l	98
96) 1,2,3-Trichlorobenzene	15.697	180	1507	3.383	ug/l #	36

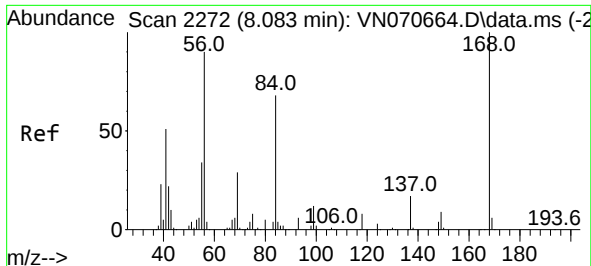
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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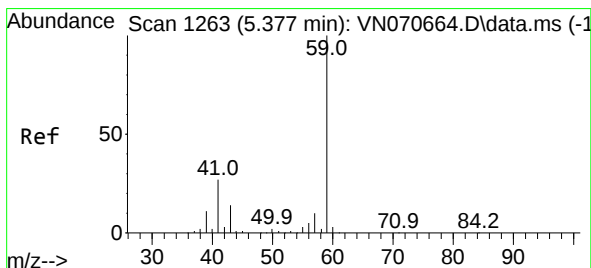
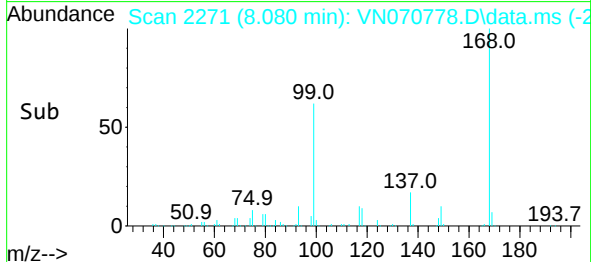
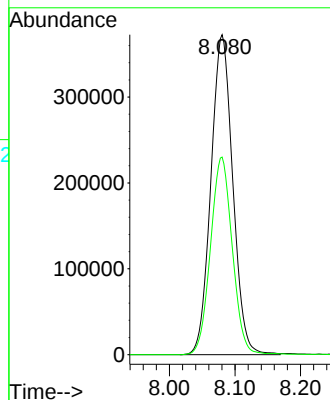
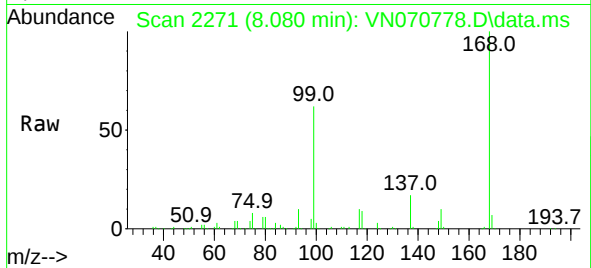




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

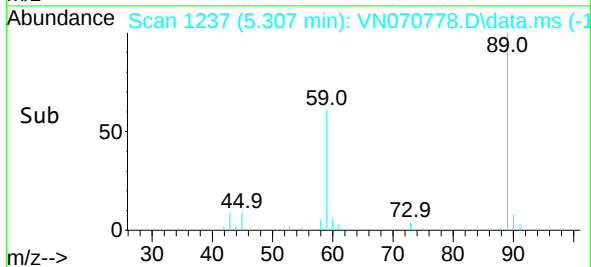
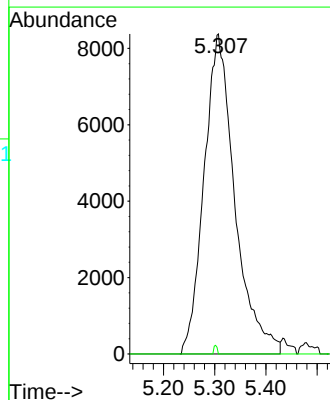
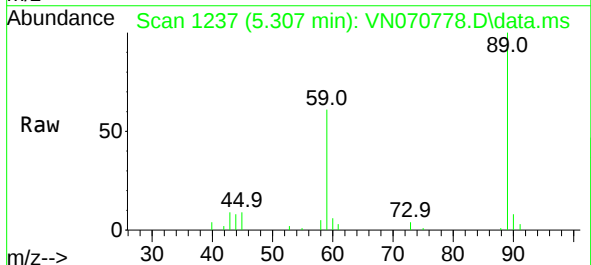
Instrument :
MSVOA_N
ClientSampleId :
275

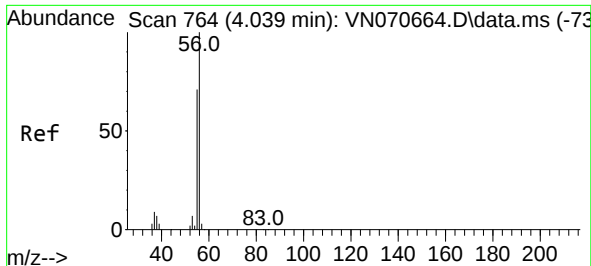
Tgt Ion:168 Resp: 862890
Ion Ratio Lower Upper
168 100
99 61.8 41.3 61.9



#11
Tert butyl alcohol
Concen: 15.649 ug/l
RT: 5.307 min Scan# 1237
Delta R.T. -0.070 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

Tgt Ion: 59 Resp: 34914
Ion Ratio Lower Upper
59 100
57 0.3 8.7 13.1#

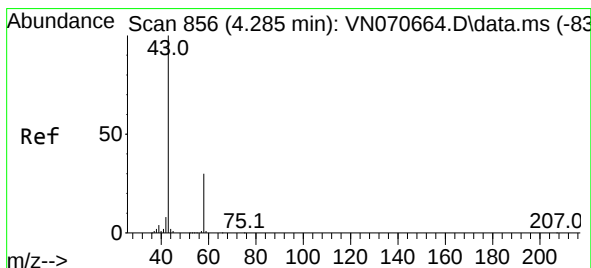
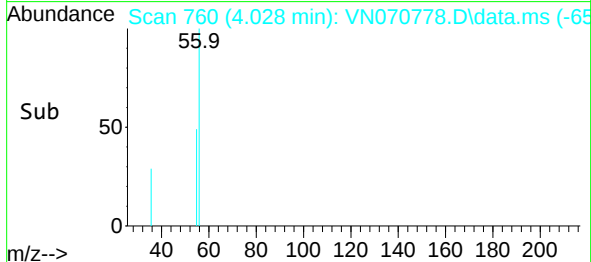
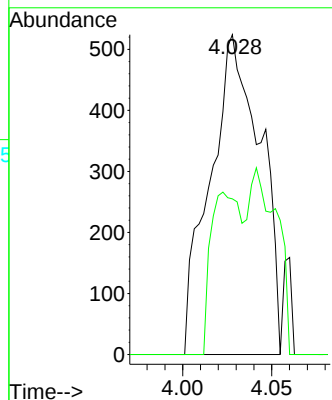
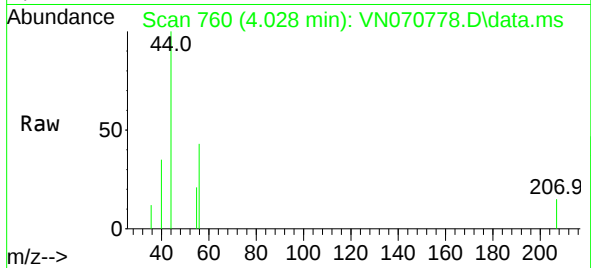




#13
Acrolein
Concen: 0.322 ug/l
RT: 4.028 min Scan# 70
Delta R.T. -0.011 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

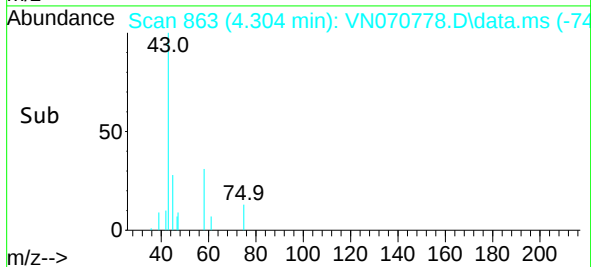
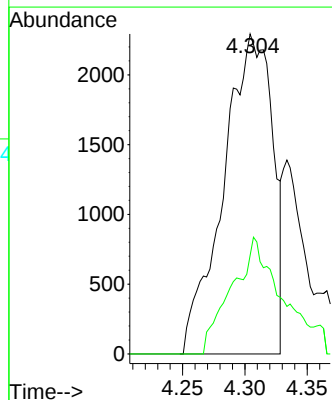
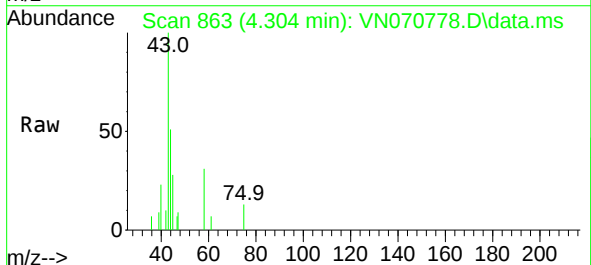
Instrument :
MSVOA_N
ClientSampleId :
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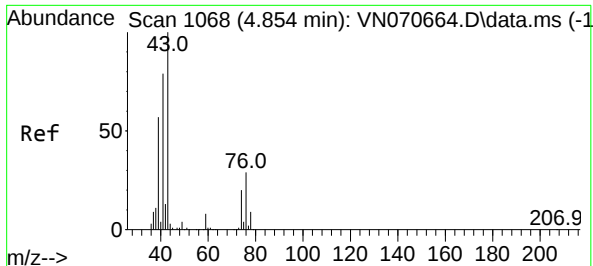
Tgt Ion: 56 Resp: 1030
Ion Ratio Lower Upper
56 100
55 29.7 56.6 85.0#



#16
Acetone
Concen: 0.734 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

Tgt Ion: 43 Resp: 6302
Ion Ratio Lower Upper
43 100
58 30.8 23.1 34.7





#18

Methyl Acetate

Concen: 1.257 ug/l

RT: 4.859 min Scan# 1068

Delta R.T. 0.005 min

Lab File: VN070778.D

Acq: 25 Jan 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

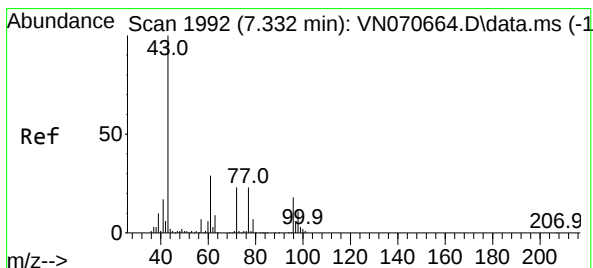
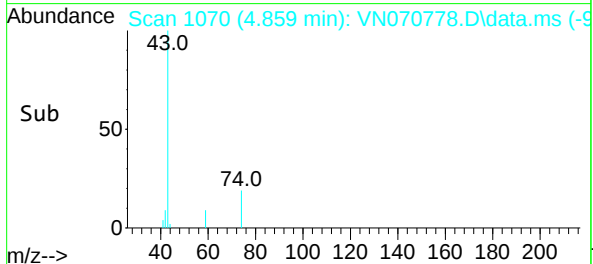
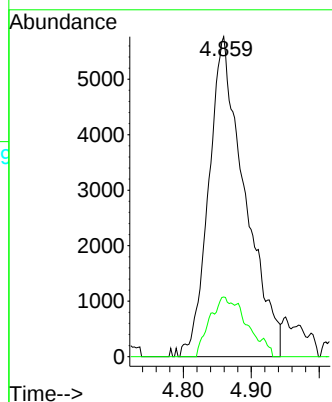
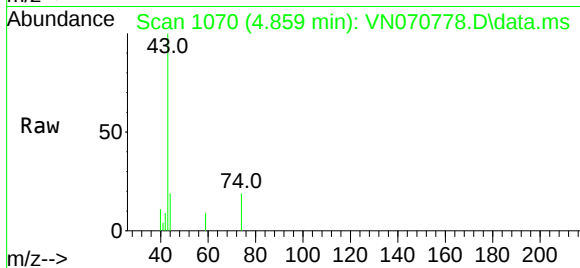
275

Tgt Ion: 43 Resp: 21216

Ion Ratio Lower Upper

43 100

74 12.1 19.4 29.2#



#25

2-Butanone

Concen: 0.937 ug/l

RT: 7.356 min Scan# 2001

Delta R.T. 0.024 min

Lab File: VN070778.D

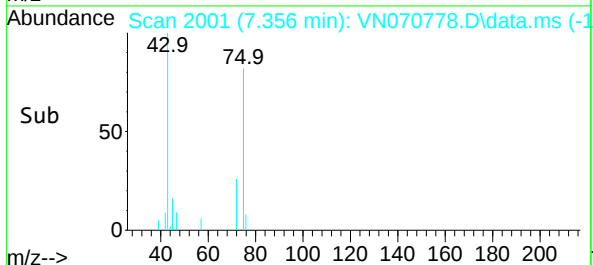
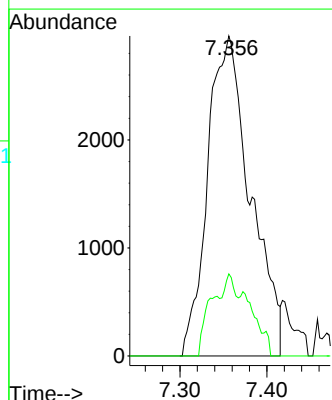
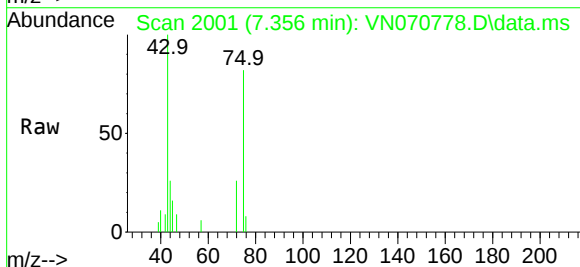
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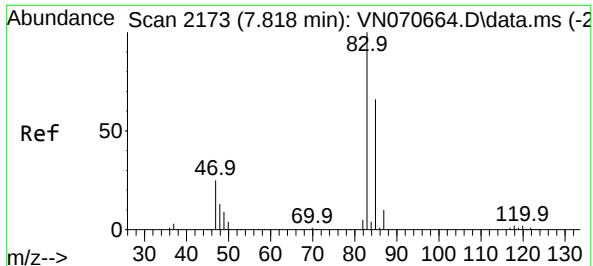
Tgt Ion: 43 Resp: 10117

Ion Ratio Lower Upper

43 100

72 25.7 21.7 32.5





#30

Chloroform

Concen: Below Cal

RT: 7.809 min Scan# 2173

Delta R.T. -0.009 min

Lab File: VN070778.D

Acq: 25 Jan 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

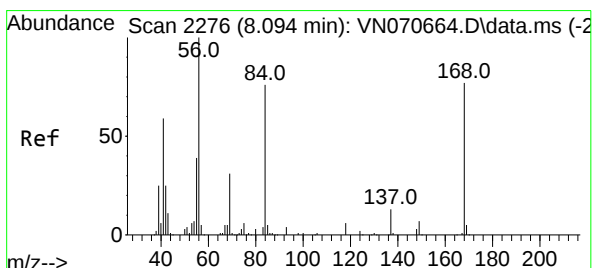
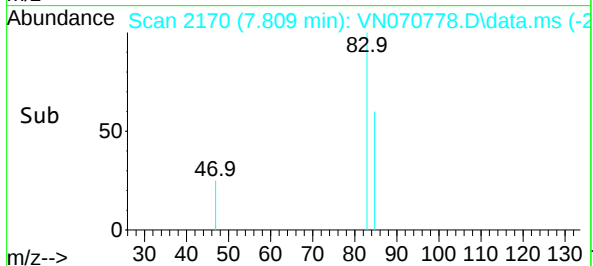
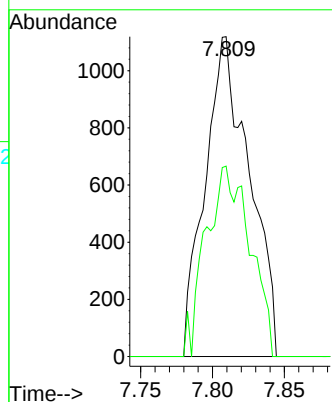
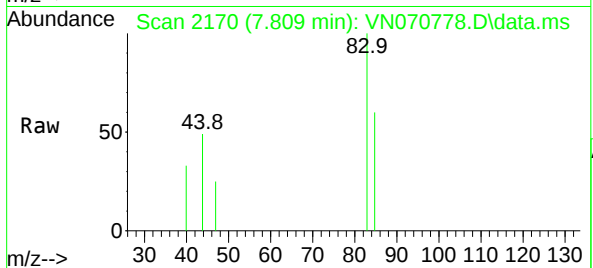
275

Tgt Ion: 83 Resp: 2395

Ion Ratio Lower Upper

83 100

85 59.5 51.9 77.9



#31

Cyclohexane

Concen: 0.911 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070778.D

Acq: 25 Jan 2022 17:07

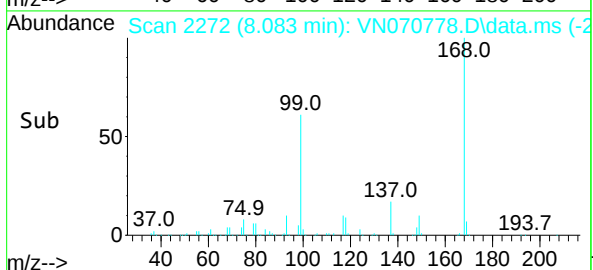
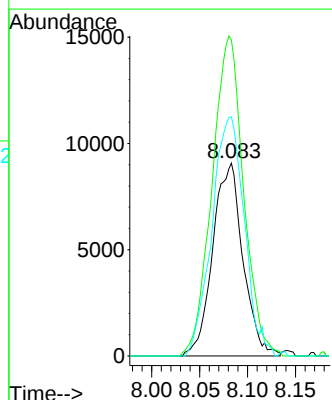
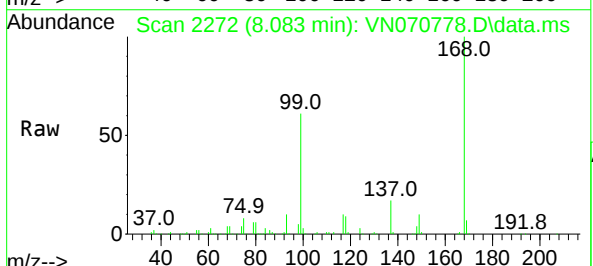
Tgt Ion: 56 Resp: 19846

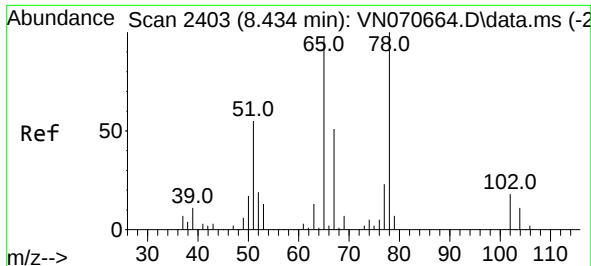
Ion Ratio Lower Upper

56 100

69 163.9 27.1 40.7#

84 124.1 73.4 110.0#

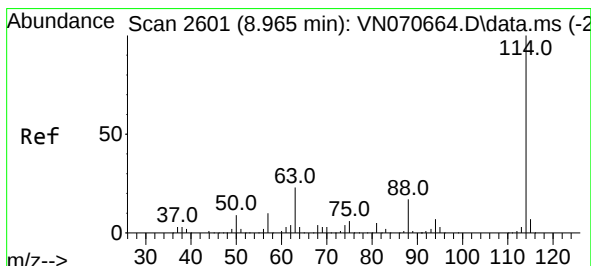
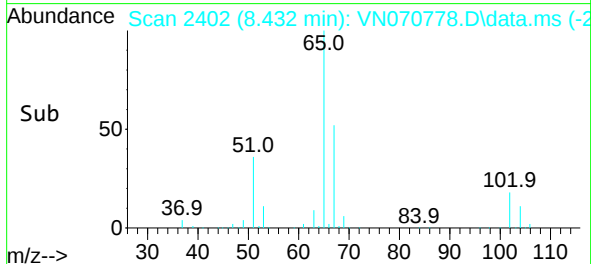
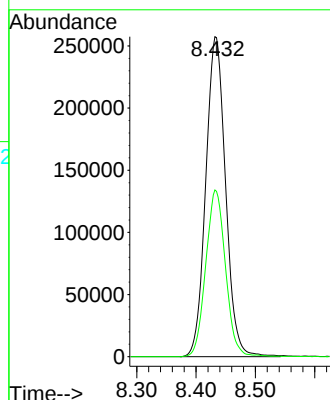
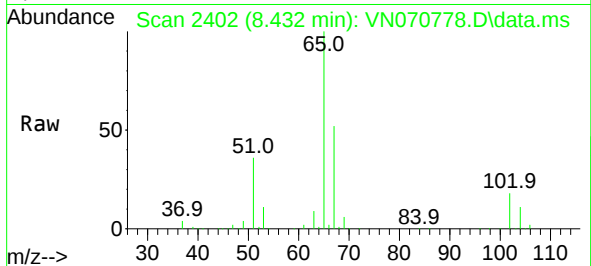




#33
 1,2-Dichloroethane-d4
 Concen: 48.240 ug/l
 RT: 8.432 min Scan# 2403
 Delta R.T. -0.002 min
 Lab File: VN070778.D
 Acq: 25 Jan 2022 17:07

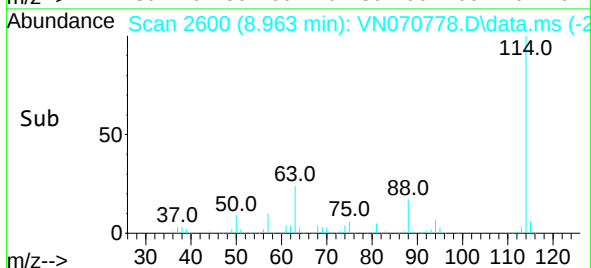
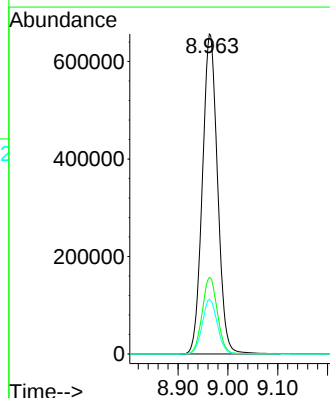
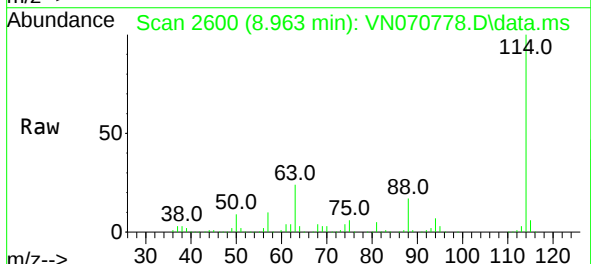
Instrument :
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 ClientSampleId :
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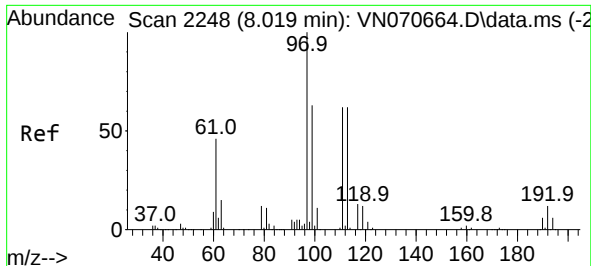
Tgt Ion: 65 Resp: 596568
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 2600
 Delta R.T. -0.002 min
 Lab File: VN070778.D
 Acq: 25 Jan 2022 17:07

Tgt Ion: 114 Resp: 1387457
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 37.8
 88 17.1 0.0 27.4

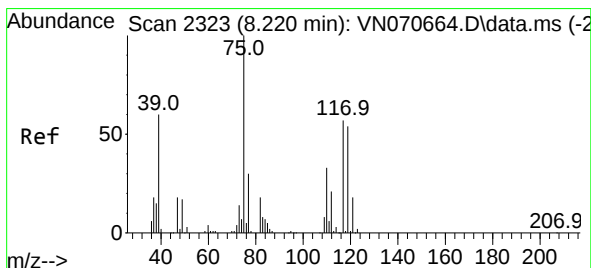
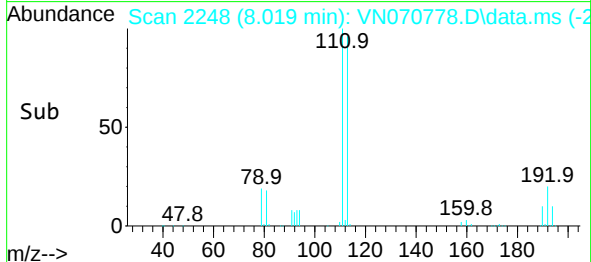
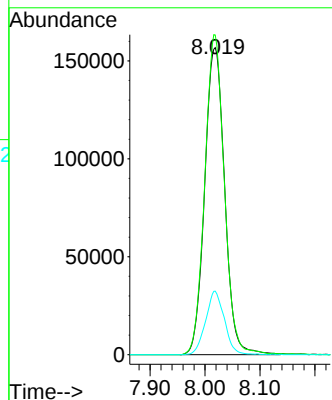
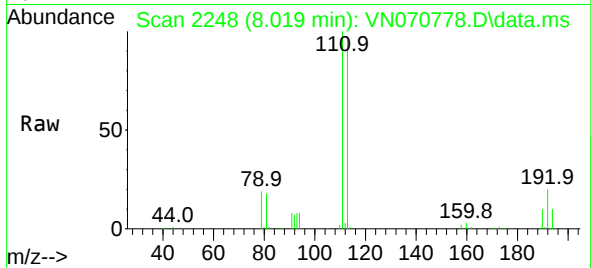




#35
Dibromofluoromethane
Concen: 46.164 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

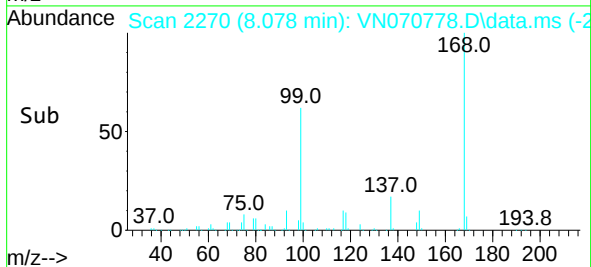
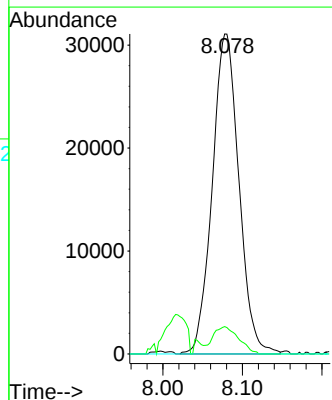
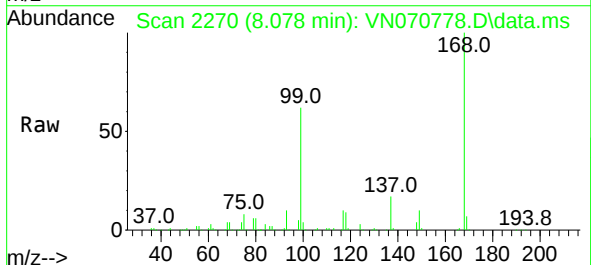
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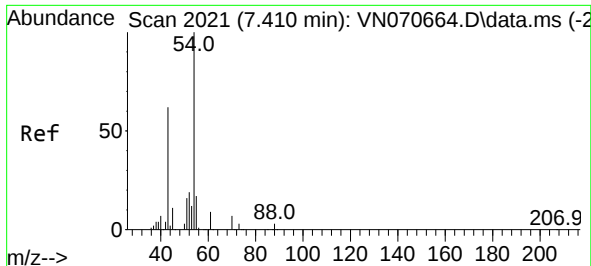
Tgt Ion:113 Resp: 397309
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.142 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

Tgt Ion: 75 Resp: 72349
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 24.4 36.6#

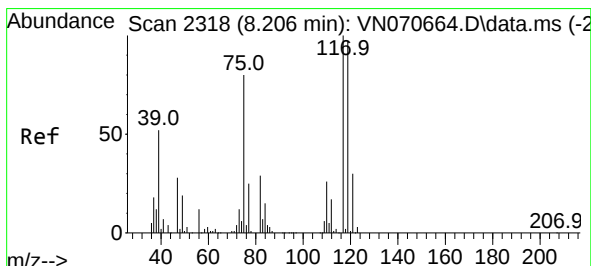
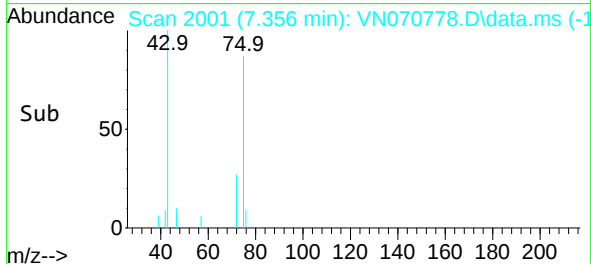
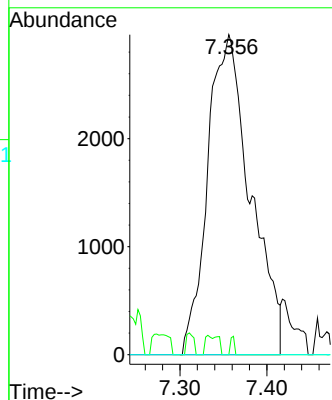
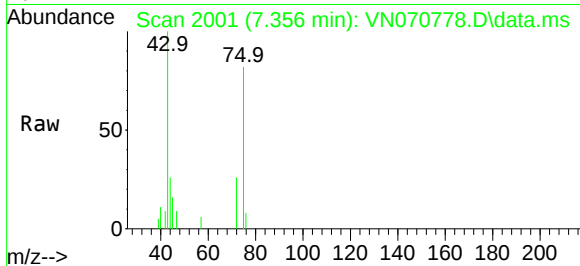




#37
Ethyl Acetate
Concen: 0.526 ug/l
RT: 7.356 min Scan# 20
Delta R.T. -0.054 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

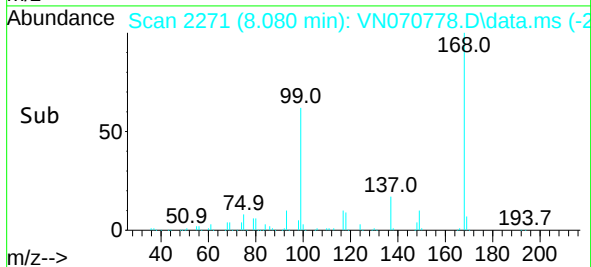
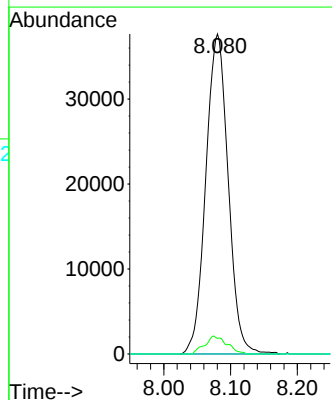
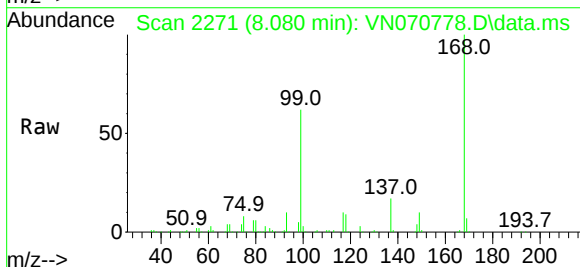
Instrument :
MSVOA_N
ClientSampleId :
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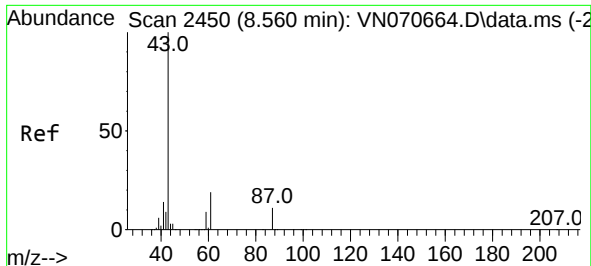
Tgt Ion: 43 Resp: 10117
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.802 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

Tgt Ion: 117 Resp: 87668
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#

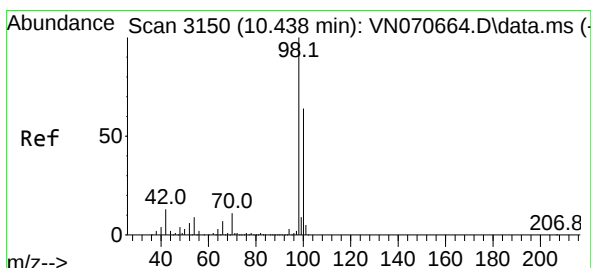
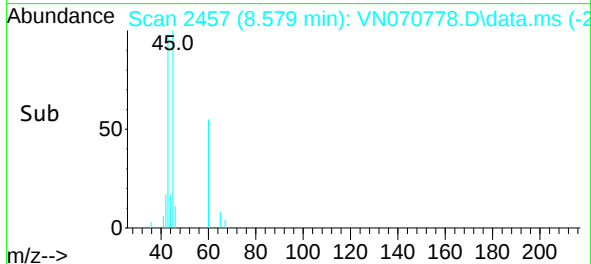
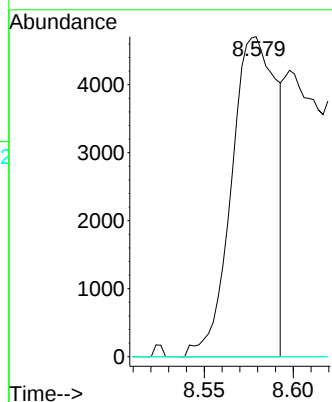
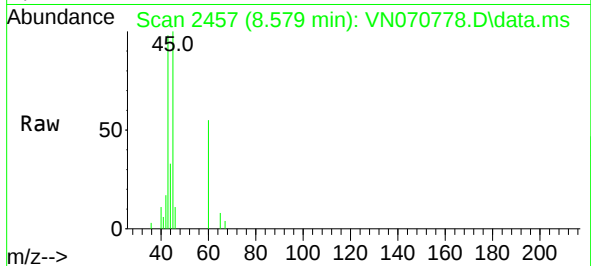




#43
Isopropyl Acetate
Concen: 0.281 ug/l
RT: 8.579 min Scan# 2450
Delta R.T. 0.019 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

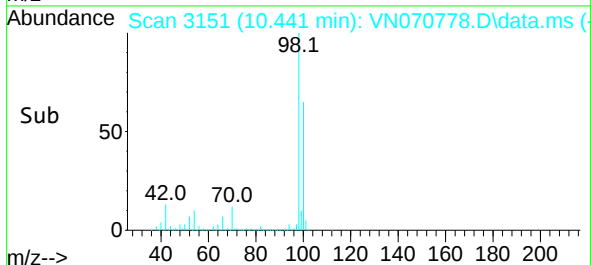
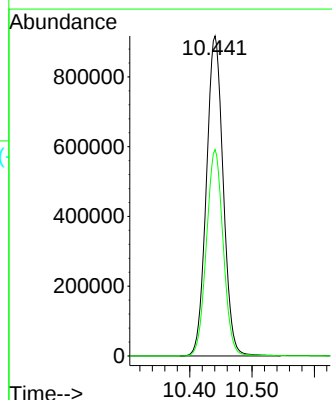
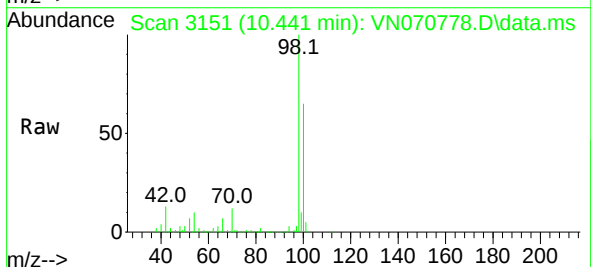
Instrument :
MSVOA_N
ClientSampleId :
275

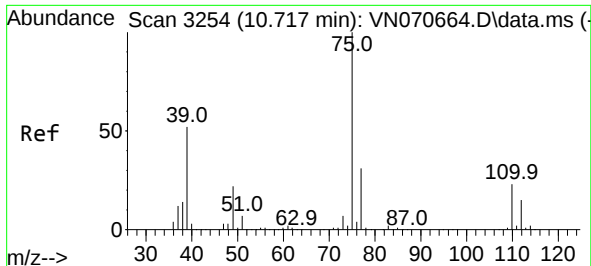
Tgt Ion: 43 Resp: 8267
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 47.449 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

Tgt Ion: 98 Resp: 1720341
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

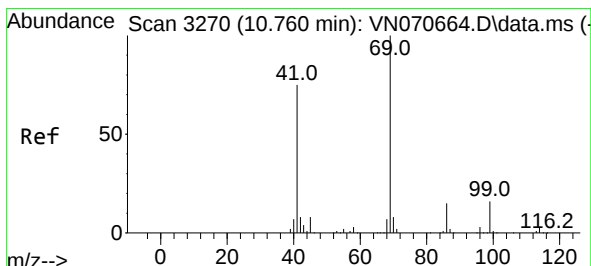
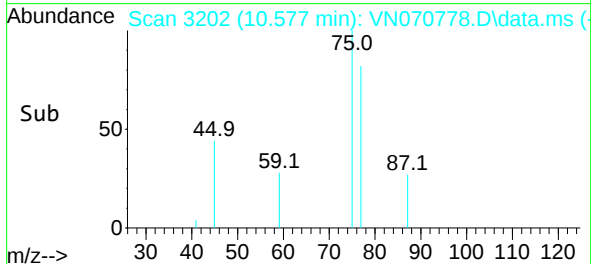
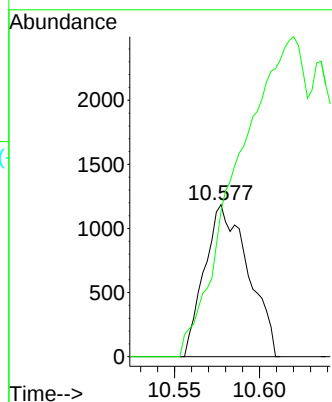
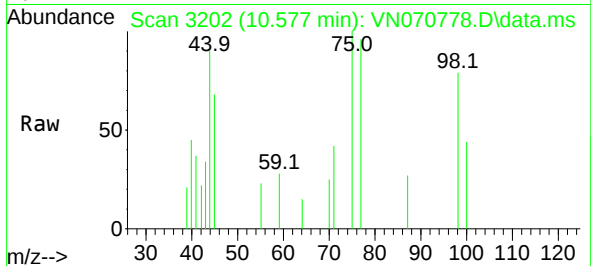




#53
t-1,3-Dichloropropene
Concen: 2.518 ug/l
RT: 10.577 min Scan# 31
Delta R.T. -0.140 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

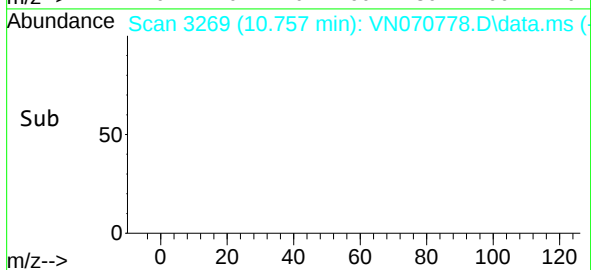
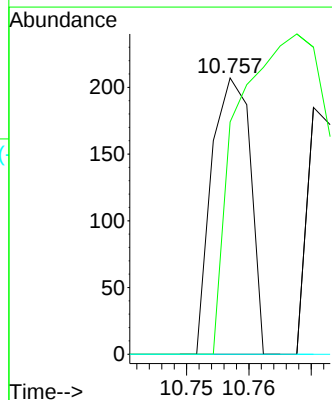
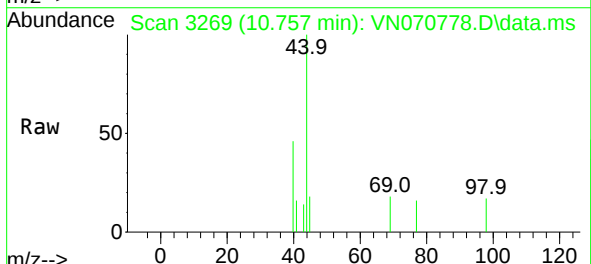
Instrument :
MSVOA_N
ClientSampleId :
275

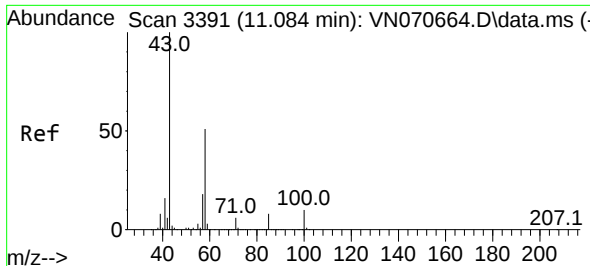
Tgt Ion: 75 Resp: 2115
Ion Ratio Lower Upper
75 100
77 95.6 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.306 ug/l
RT: 10.757 min Scan# 3269
Delta R.T. -0.003 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

Tgt Ion: 69 Resp: 89
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#

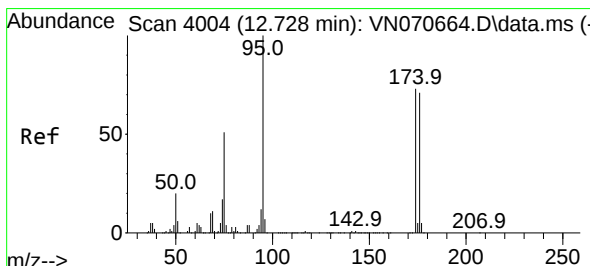
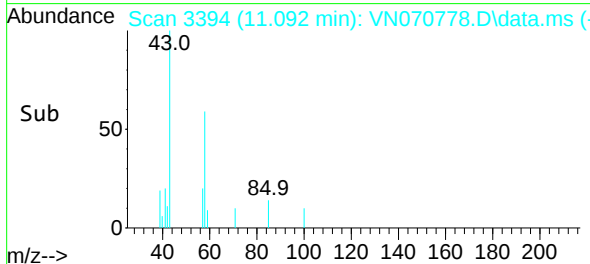
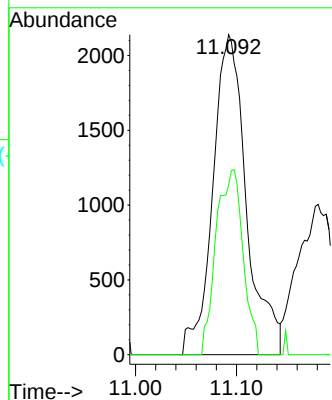
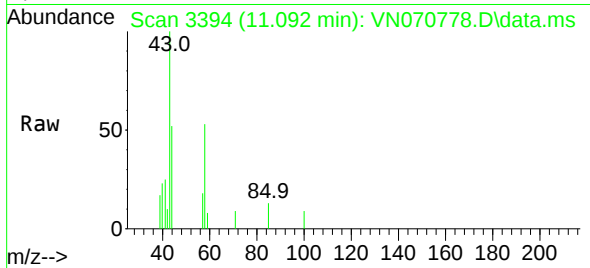




#59
2-Hexanone
Concen: 0.363 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

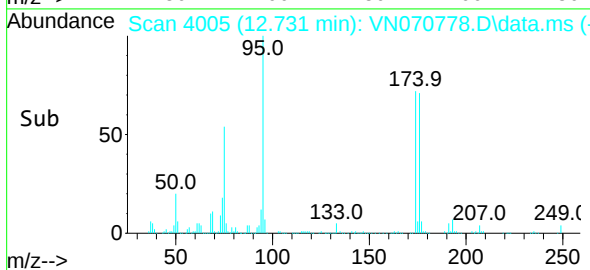
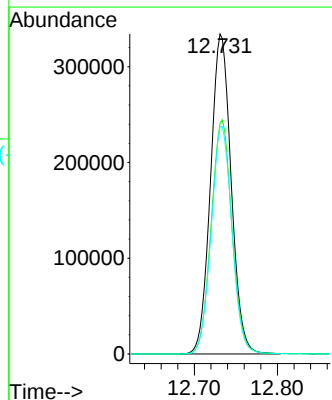
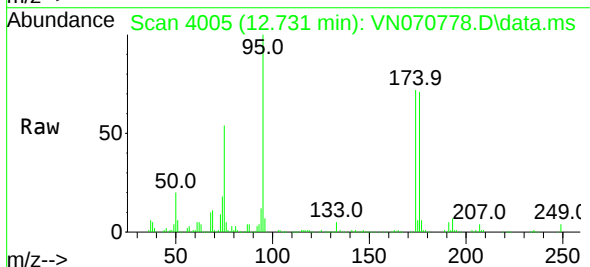
Instrument :
MSVOA_N
ClientSampleId :
275

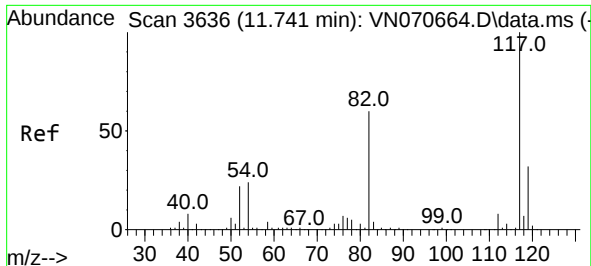
Tgt Ion: 43 Resp: 4942
Ion Ratio Lower Upper
43 100
58 46.2 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 44.547 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

Tgt Ion: 95 Resp: 575535
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.7 0.0 181.4

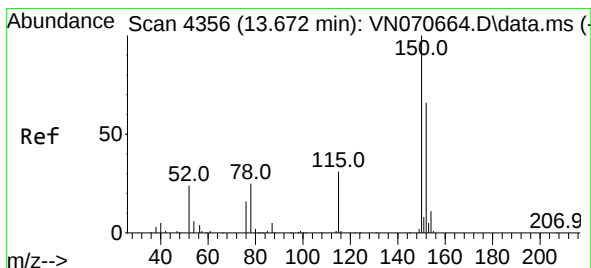
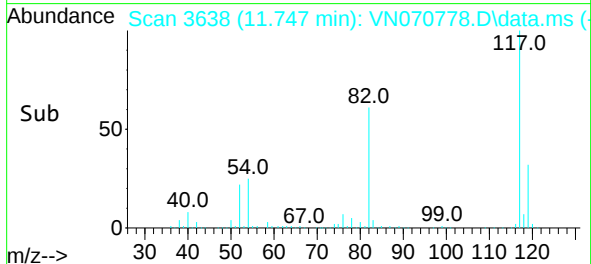
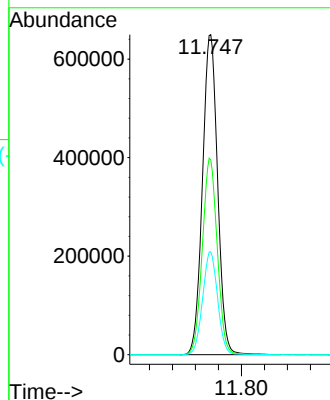
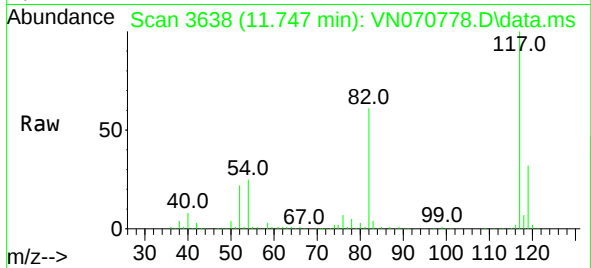




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

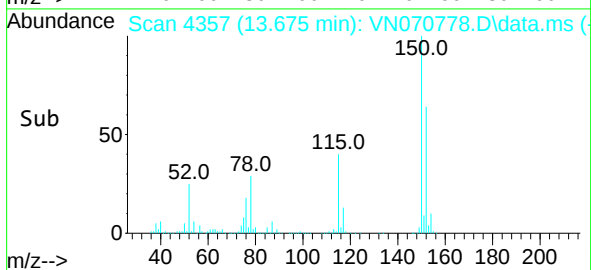
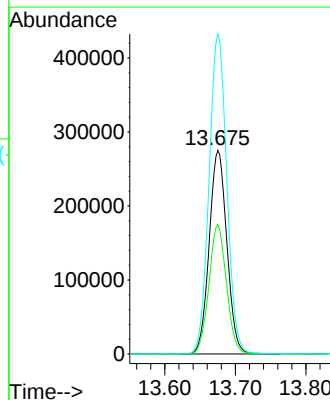
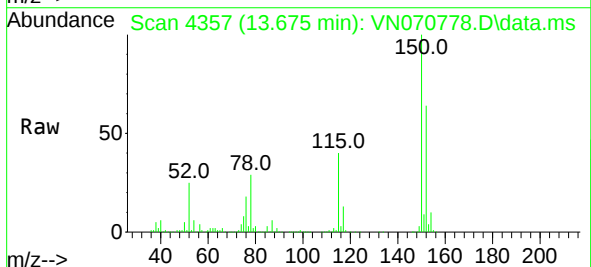
Instrument :
MSVOA_N
ClientSampleId :
275

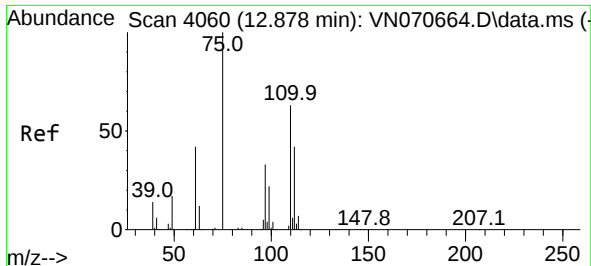
Tgt Ion:117 Resp: 1186952
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

Tgt Ion:152 Resp: 478936
Ion Ratio Lower Upper
152 100
115 63.1 27.5 82.5
150 157.6 0.0 344.4

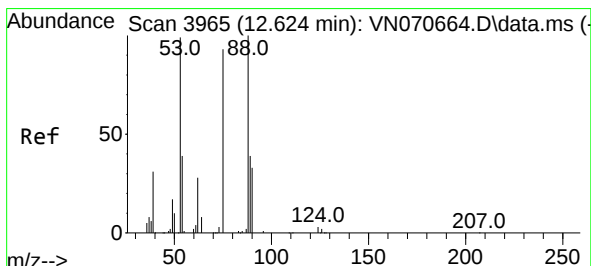
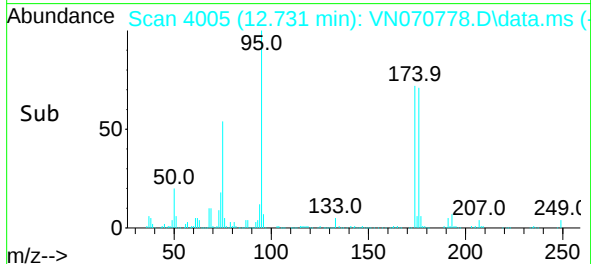
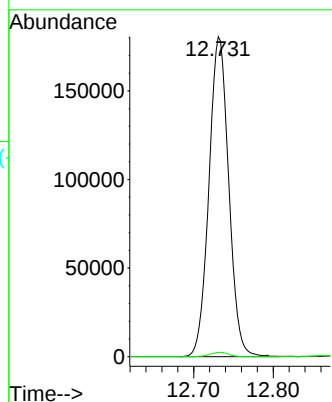
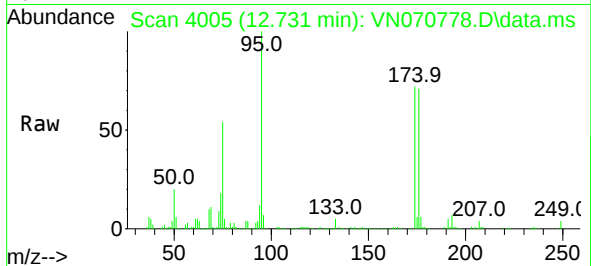




#76
1,2,3-Trichloropropane
Concen: 24.597 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

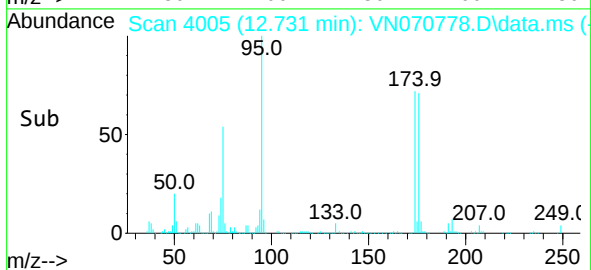
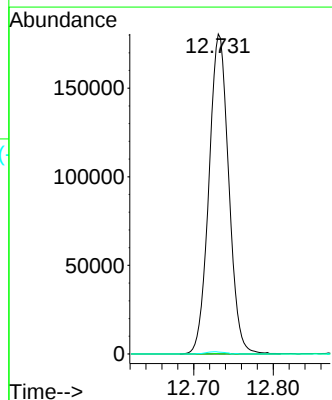
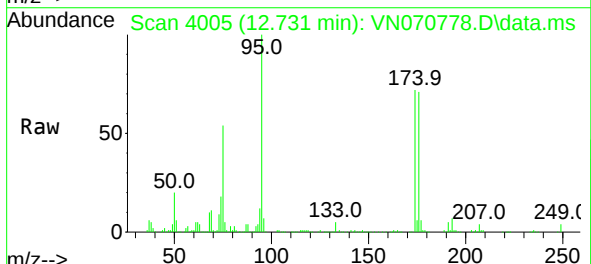
Instrument :
MSVOA_N
ClientSampleId :
275

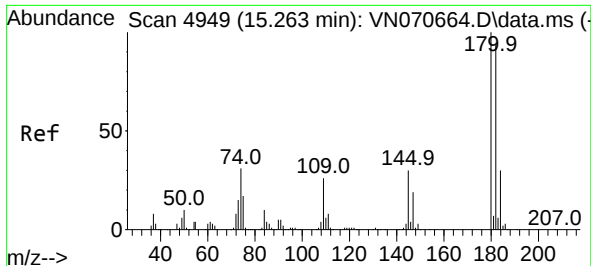
Tgt Ion: 75 Resp: 312446
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.278 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

Tgt Ion: 75 Resp: 312446
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.6 38.2 57.4#

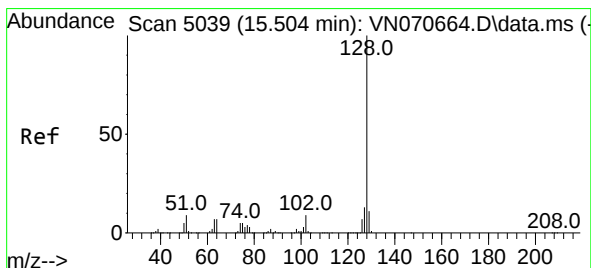
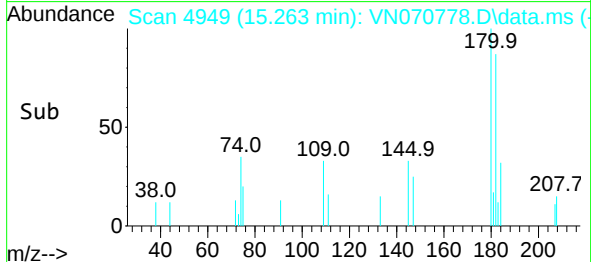
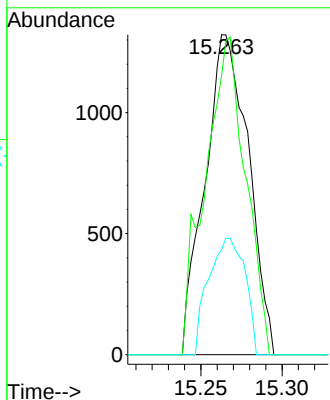
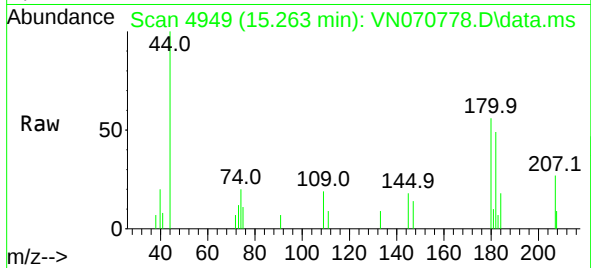




#93
1,2,4-Trichlorobenzene
Concen: 3.684 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

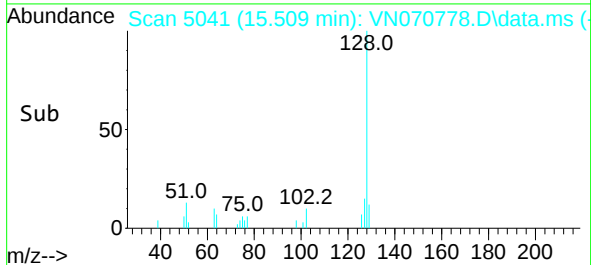
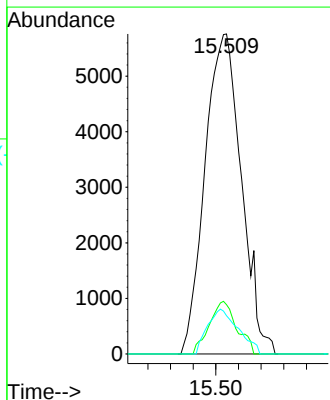
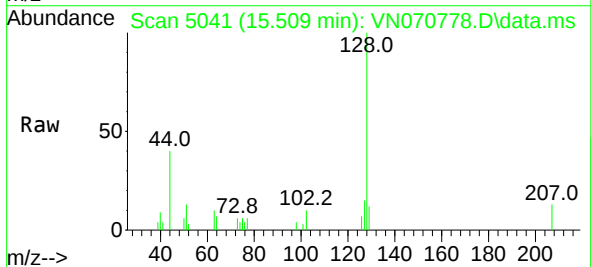
Instrument :
MSVOA_N
ClientSampleId :
275

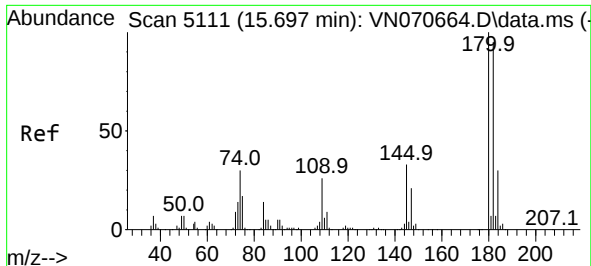
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.3	144.9
145	30.5	14.5	43.5



#95
Naphthalene
Concen: 5.414 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.005 min
Lab File: VN070778.D
Acq: 25 Jan 2022 17:07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	11.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.383 ug/l
 RT: 15.697 min Scan# 5111
 Delta R.T. 0.000 min
 Lab File: VN070778.D
 Acq: 25 Jan 2022 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 275

Tgt Ion:180 Resp: 1507
 Ion Ratio Lower Upper
 180 100
 182 169.5 47.4 142.2#
 145 18.6 15.0 45.1

