

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070461.D
 Acq On : 4 Jan 2022 14:11
 Operator : JC/MD
 Sample : M5338-10DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-3DL

Quant Time: Jan 05 03:16:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

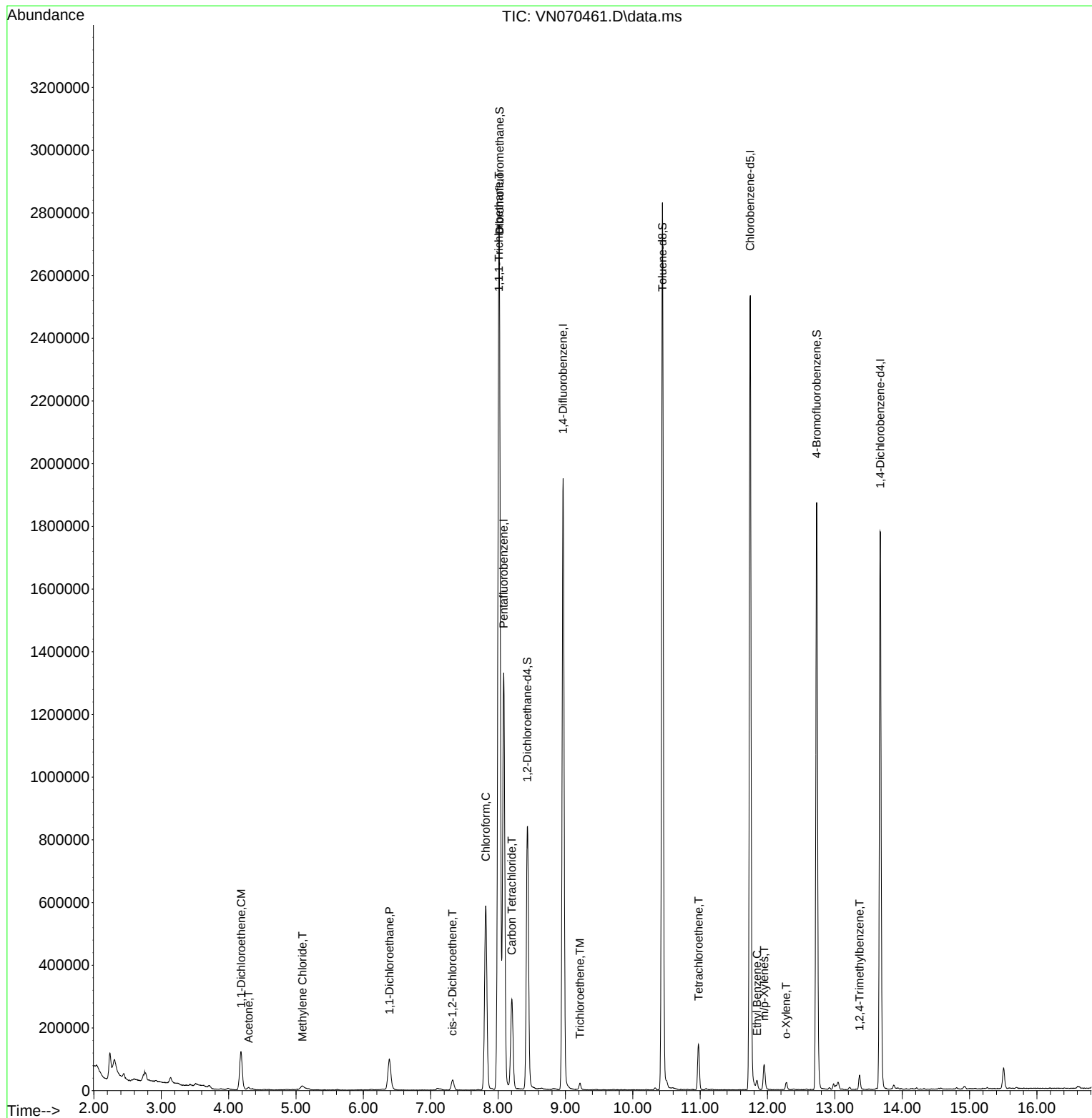
Internal Standards						
1) Pentafluorobenzene	8.083	168	1010261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1687570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1466540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	496538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	719071	49.504	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.000%		
35) Dibromofluoromethane	8.021	113	514821	50.420	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.840%		
50) Toluene-d8	10.440	98	1963394	47.071	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.140%		
62) 4-Bromofluorobenzene	12.731	95	705022	46.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.600%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.186	96	68104	6.619	ug/l	96
16) Acetone	4.296	43	6809	0.722	ug/l	92
20) Methylene Chloride	5.095	84	7878	0.604	ug/l	89
24) 1,1-Dichloroethane	6.385	63	146075	6.200	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	18497	1.423	ug/l	95
30) Chloroform	7.817	83	583766	25.684	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	1724009	89.961	ug/l	96
38) Carbon Tetrachloride	8.204	117	213607	13.244	ug/l	98
44) Trichloroethene	9.215	130	7358	0.598	ug/l	93
64) Tetrachloroethene	10.977	164	34301	3.230	ug/l	92
67) Ethyl Benzene	11.843	91	21475	0.377	ug/l	99
68) m/p-Xylenes	11.953	106	27137	1.308	ug/l	95
69) o-Xylene	12.275	106	6810	0.330	ug/l	88
84) 1,2,4-Trimethylbenzene	13.366	105	27924	0.785	ug/l	97

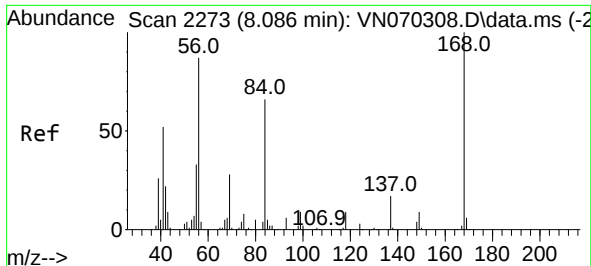
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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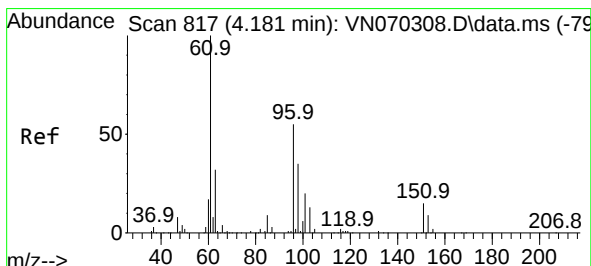
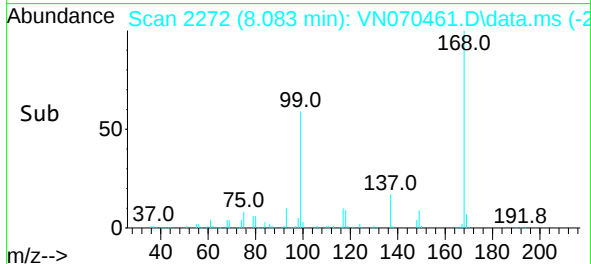
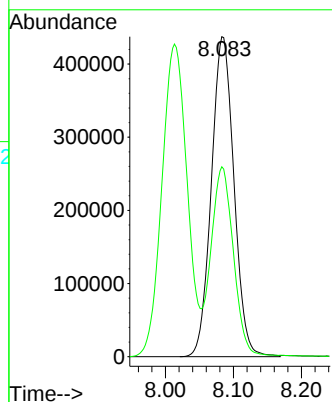
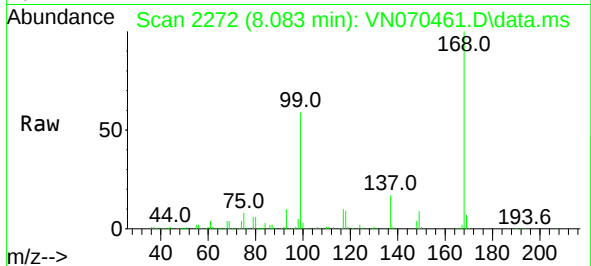




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

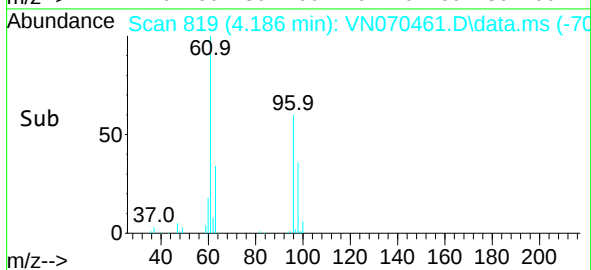
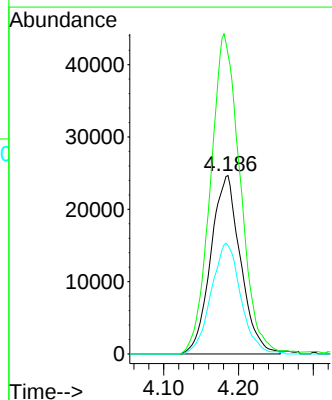
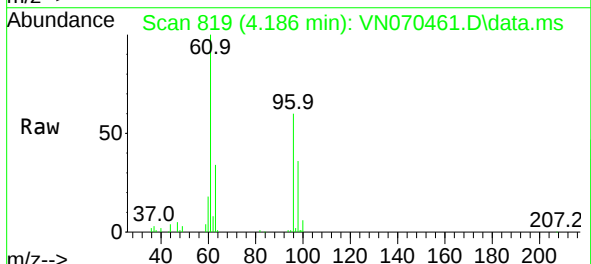
Instrument :
MSVOA_N
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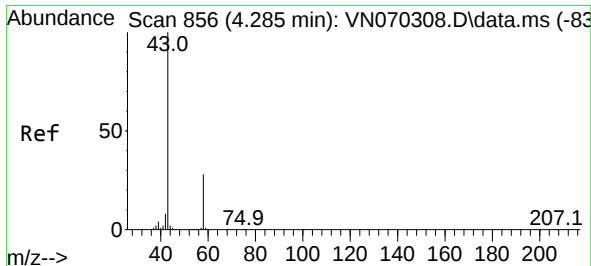
Tgt Ion:168 Resp: 1010261
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#12
1,1-Dichloroethene
Concen: 6.619 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.005 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

Tgt Ion: 96 Resp: 68104
Ion Ratio Lower Upper
96 100
61 167.9 131.0 196.6
98 60.8 52.4 78.6

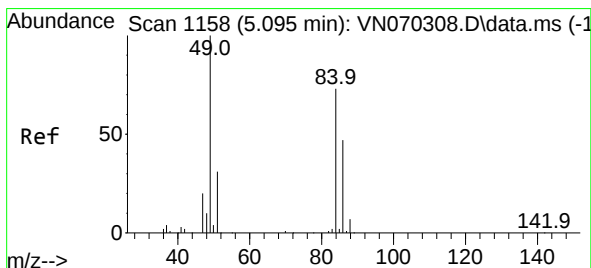
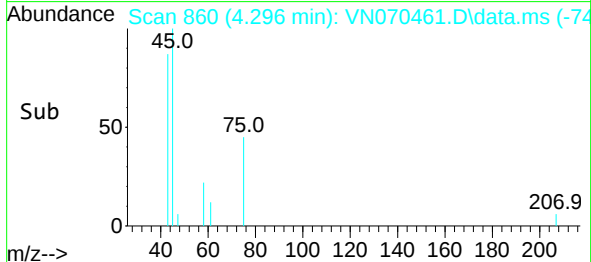
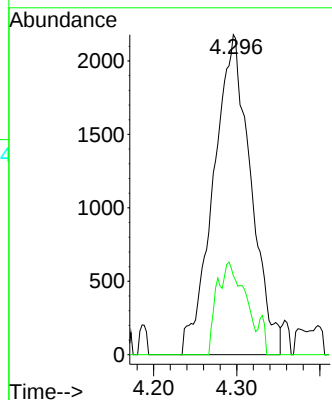
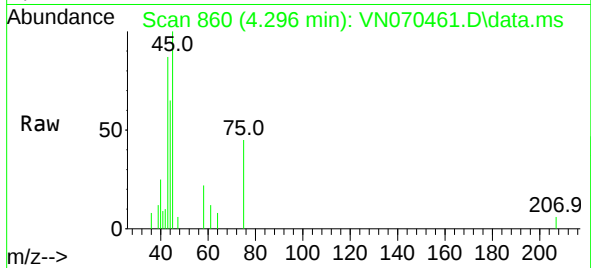




#16
Acetone
Concen: 0.722 ug/l
RT: 4.296 min Scan# 856
Delta R.T. 0.011 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

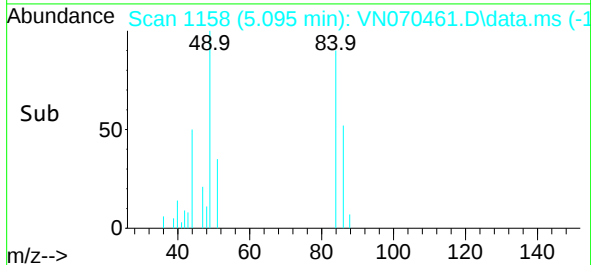
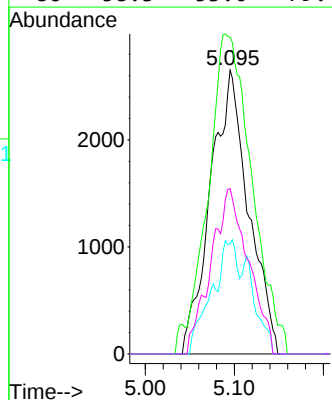
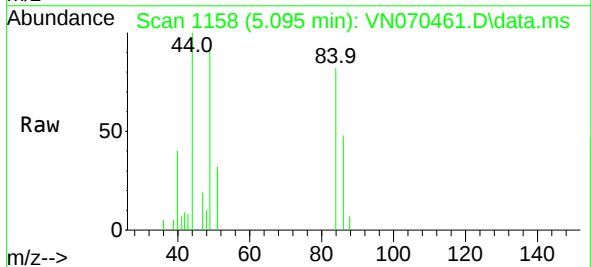
Instrument :
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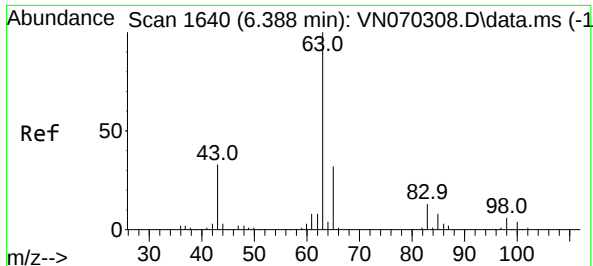
Tgt Ion: 43 Resp: 6809
Ion Ratio Lower Upper
43 100
58 24.7 23.1 34.7



#20
Methylene Chloride
Concen: 0.604 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

Tgt Ion: 84 Resp: 7878
Ion Ratio Lower Upper
84 100
49 101.5 93.5 140.3
51 38.8 29.4 44.2
86 58.3 53.0 79.4

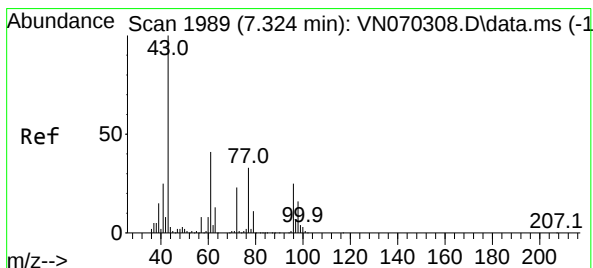
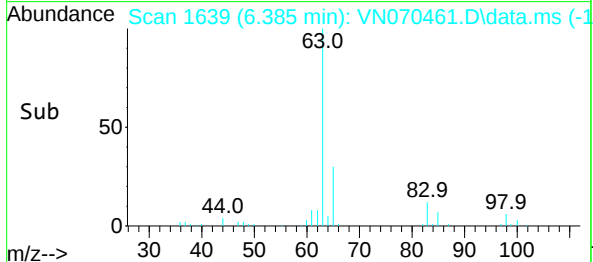
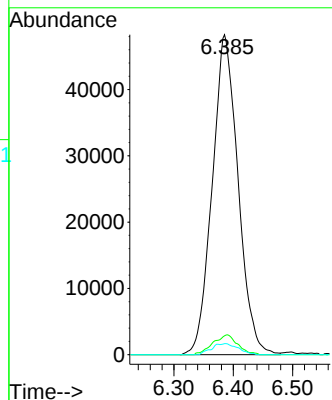
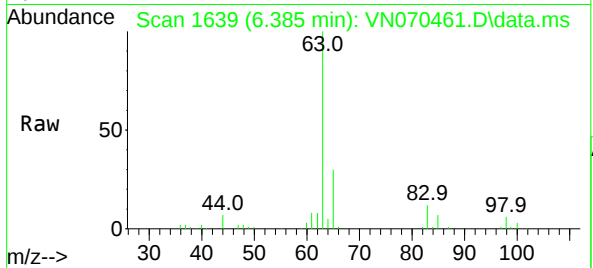




#24
1,1-Dichloroethane
Concen: 6.200 ug/l
RT: 6.385 min Scan# 1
Delta R.T. -0.003 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

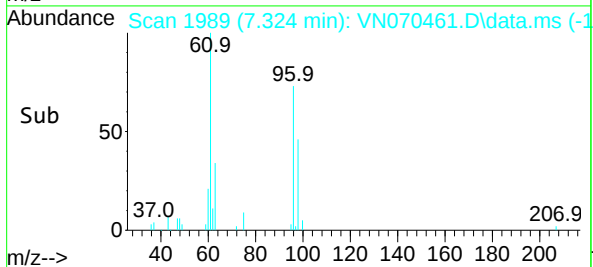
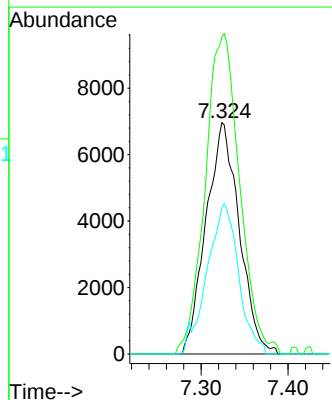
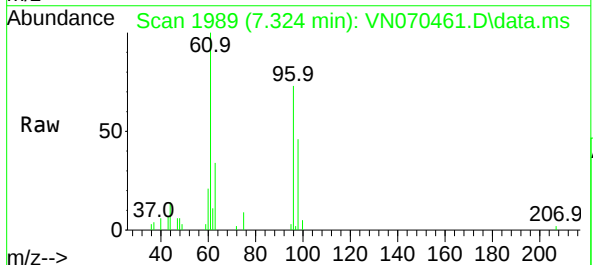
Instrument :
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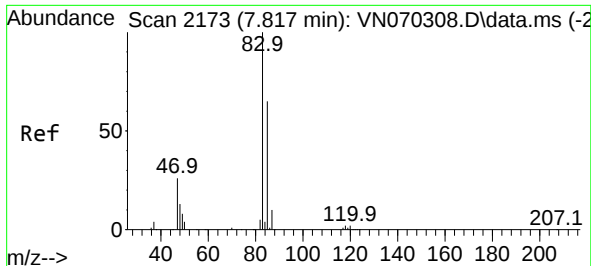
Tgt Ion: 63 Resp: 146075
Ion Ratio Lower Upper
63 100
98 5.9 3.3 9.9
100 3.4 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 1.423 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

Tgt Ion: 96 Resp: 18497
Ion Ratio Lower Upper
96 100
61 142.5 0.0 275.0
98 58.6 0.0 129.6

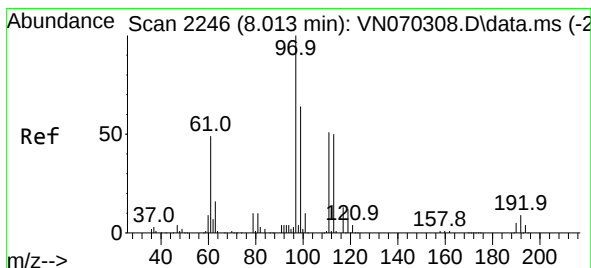
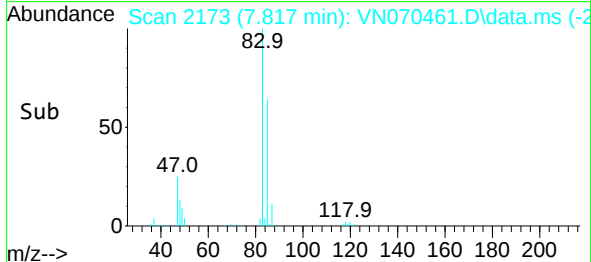
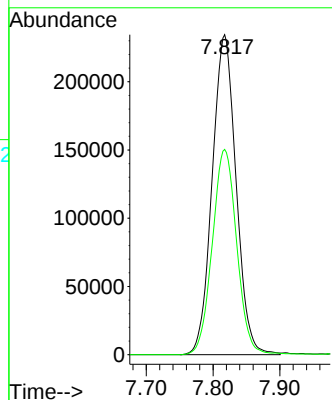
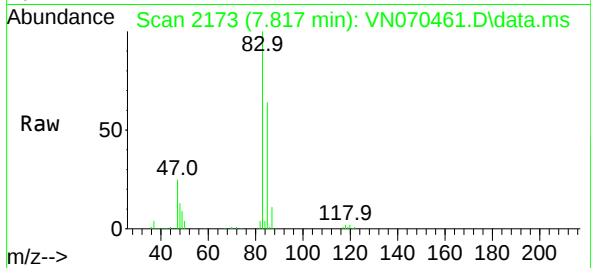




#30
Chloroform
Concen: 25.684 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

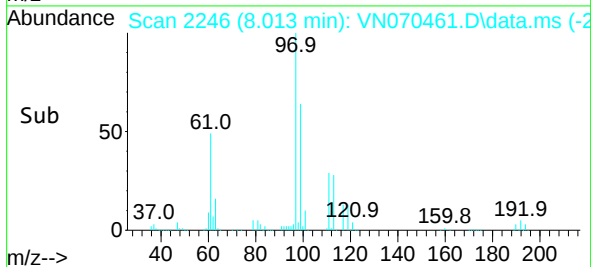
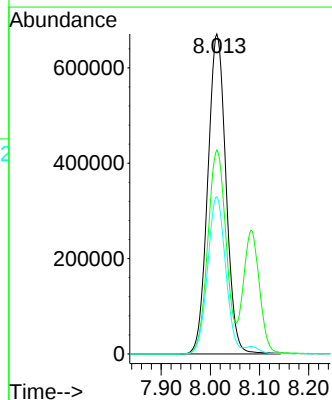
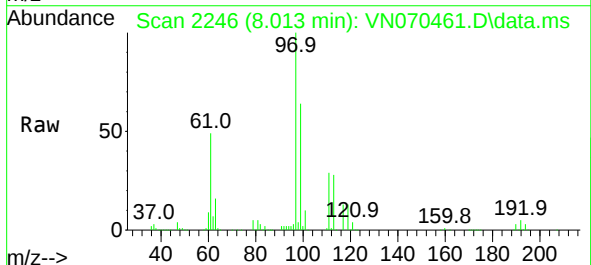
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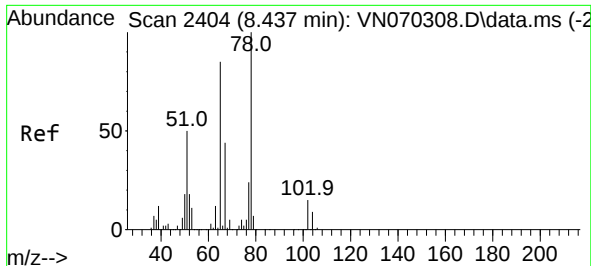
Tgt Ion: 83 Resp: 583766
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9



#32
1,1,1-Trichloroethane
Concen: 89.961 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

Tgt Ion: 97 Resp: 1724009
Ion Ratio Lower Upper
97 100
99 64.1 50.1 75.1
61 48.9 35.2 52.8

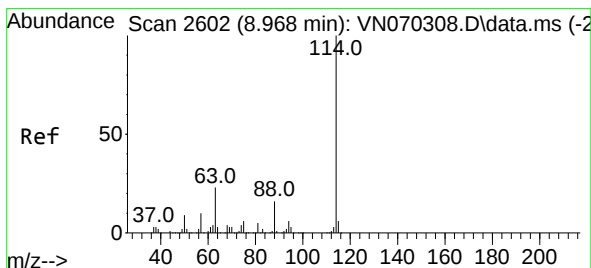
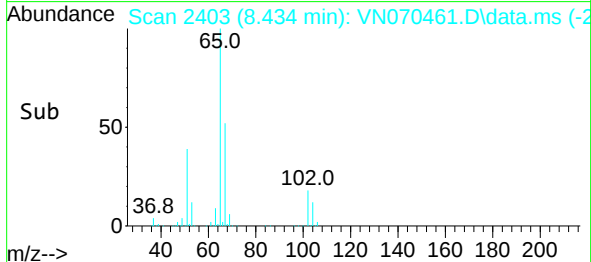
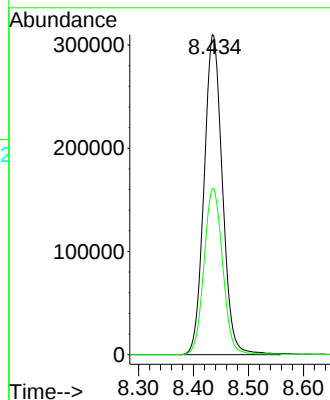
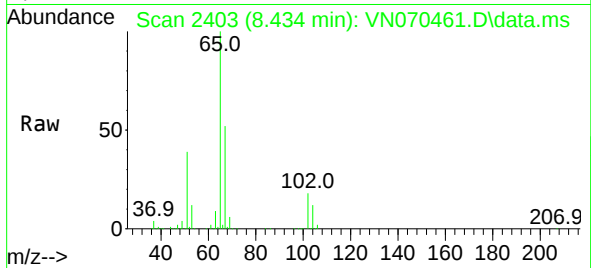




#33
 1,2-Dichloroethane-d4
 Concen: 49.504 ug/l
 RT: 8.434 min Scan# 2404
 Delta R.T. -0.003 min
 Lab File: VN070461.D
 Acq: 4 Jan 2022 14:11

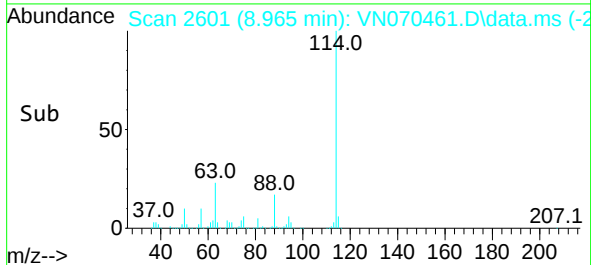
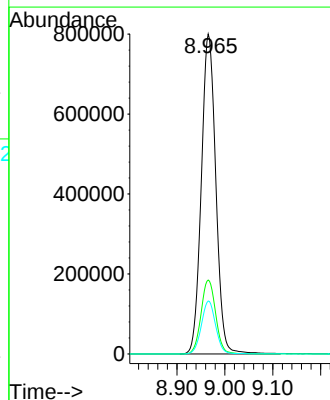
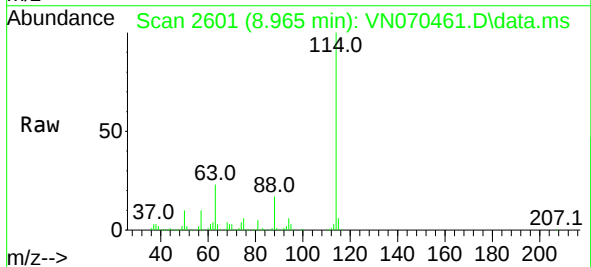
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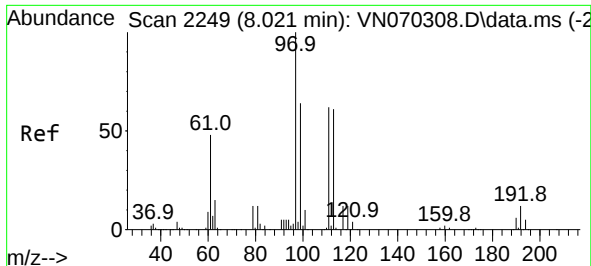
Tgt Ion: 65 Resp: 719071
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN070461.D
 Acq: 4 Jan 2022 14:11

Tgt Ion: 114 Resp: 1687570
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.8
 88 16.6 0.0 27.4

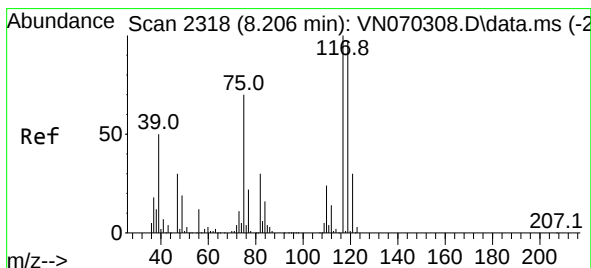
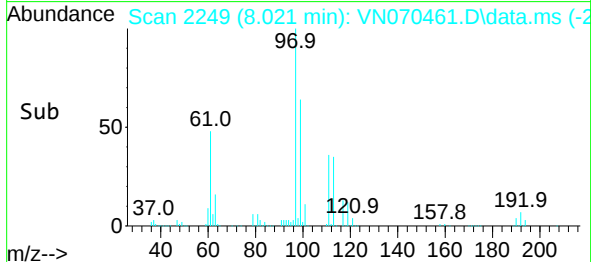
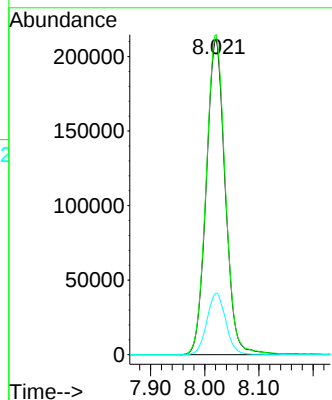
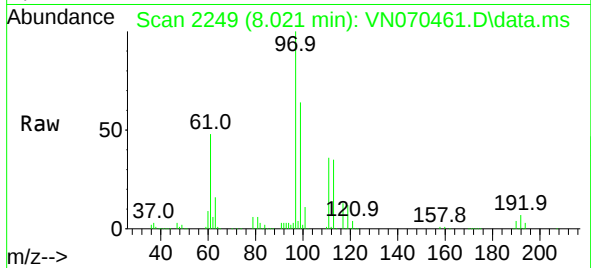




#35
Dibromofluoromethane
Concen: 50.420 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

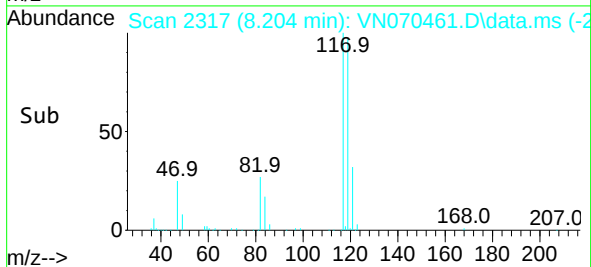
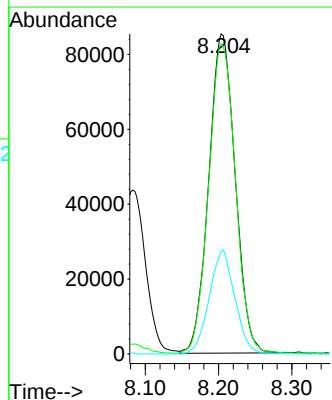
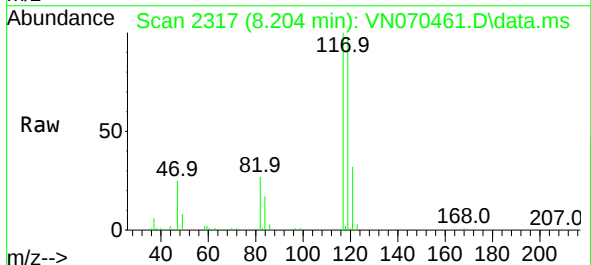
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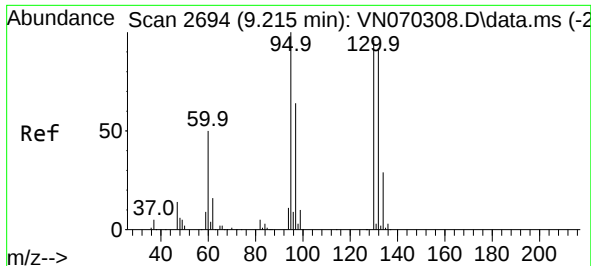
Tgt Ion:113 Resp: 514821
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.4 16.9 25.3



#38
Carbon Tetrachloride
Concen: 13.244 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

Tgt Ion:117 Resp: 213607
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1
121 32.3 24.2 36.2

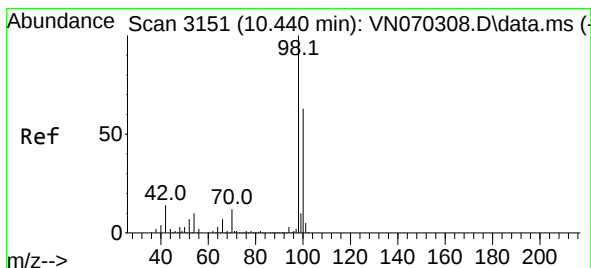
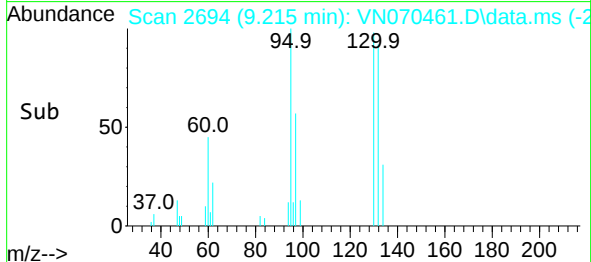
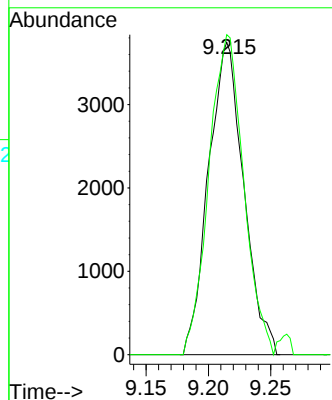
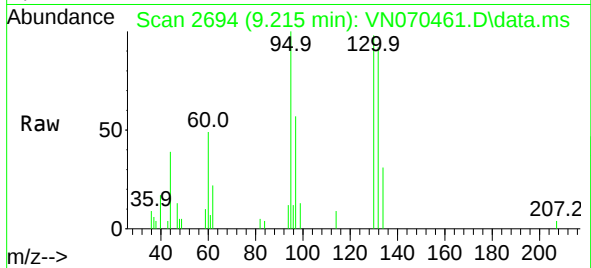




#44
Trichloroethene
Concen: 0.598 ug/l
RT: 9.215 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

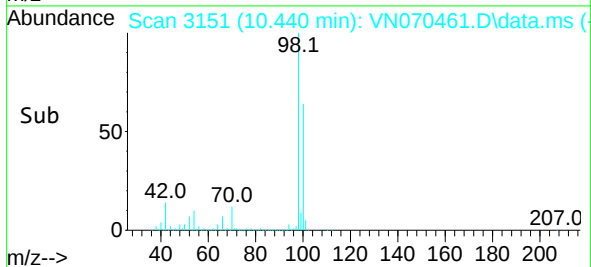
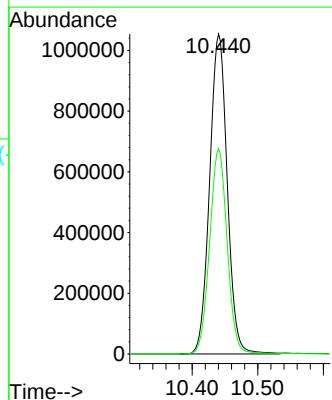
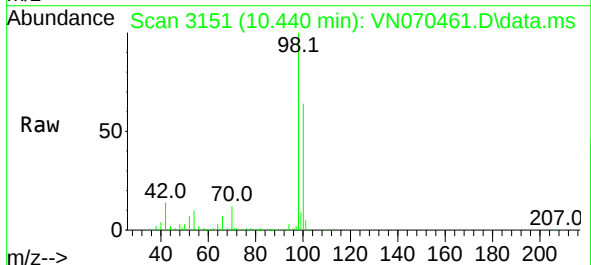
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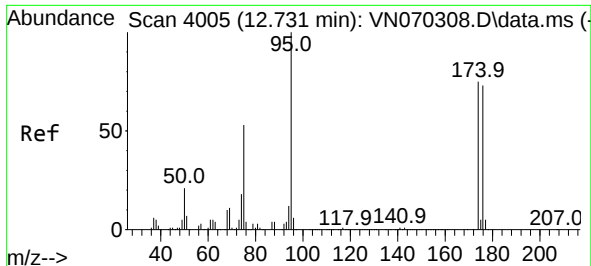
Tgt Ion:130 Resp: 7358
Ion Ratio Lower Upper
130 100
95 102.5 0.0 191.2



#50
Toluene-d8
Concen: 47.071 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

Tgt Ion: 98 Resp: 1963394
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

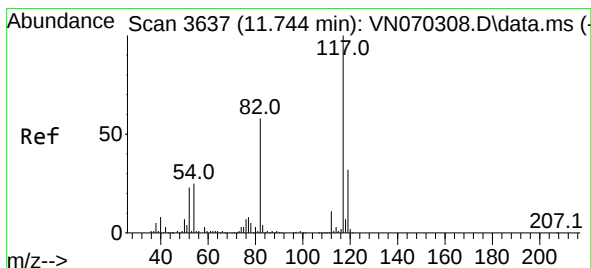
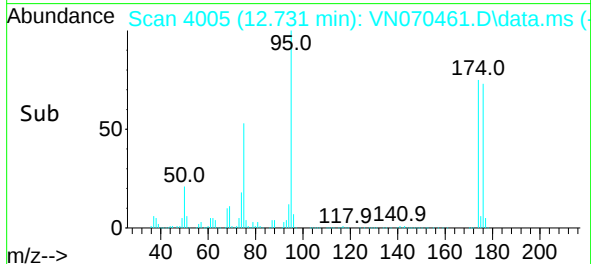
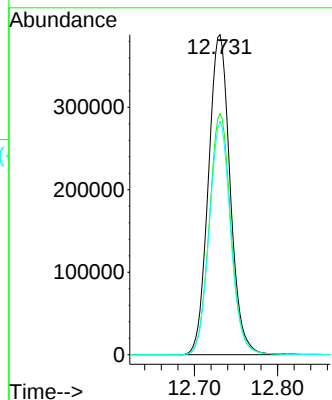
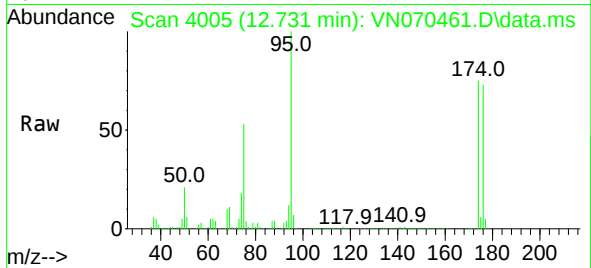




#62
4-Bromofluorobenzene
Concen: 46.798 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

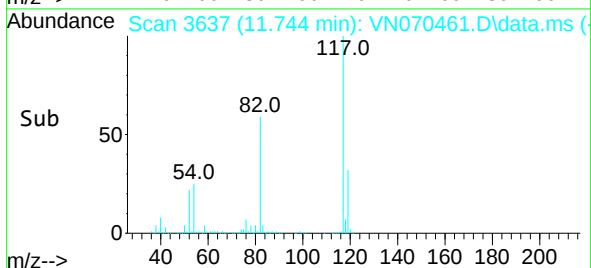
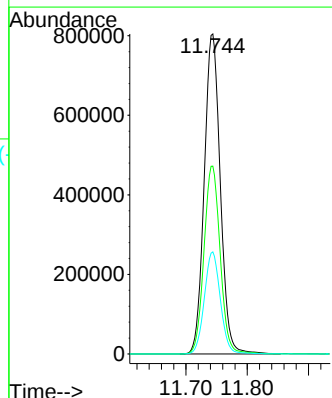
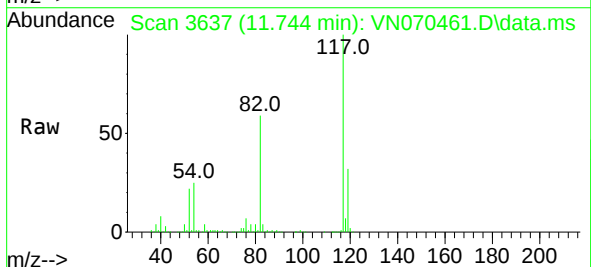
Instrument :
MSVOA_N
ClientSampleId :
TW-3DL

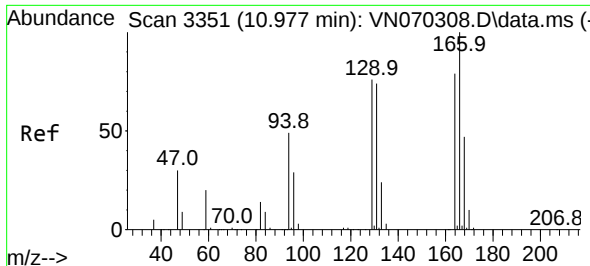
Tgt Ion: 95 Resp: 705022
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 71.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

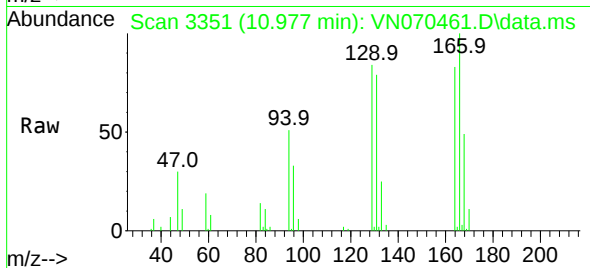
Tgt Ion: 117 Resp: 1466540
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.9 25.4 38.2



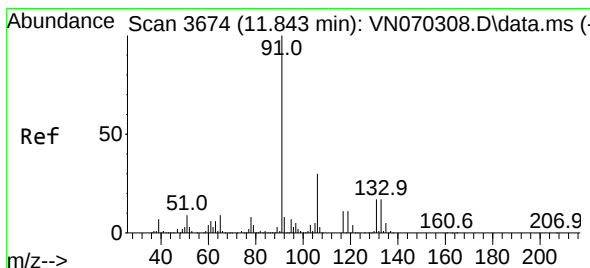
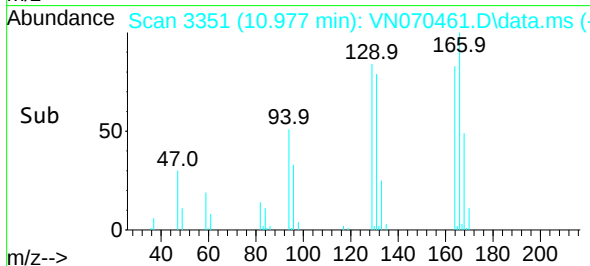
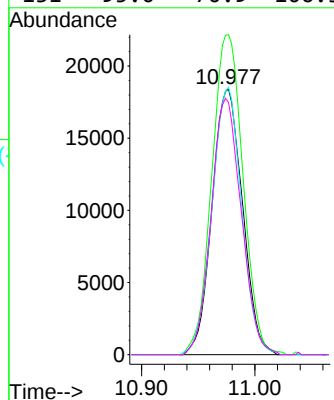


#64
Tetrachloroethene
Concen: 3.230 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
TW-3DL

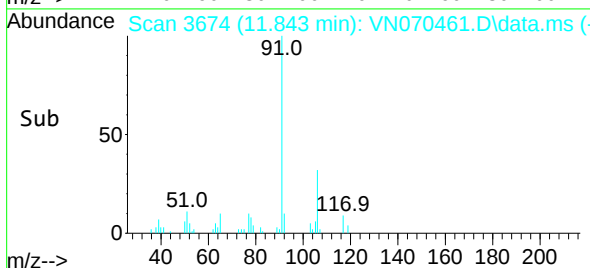
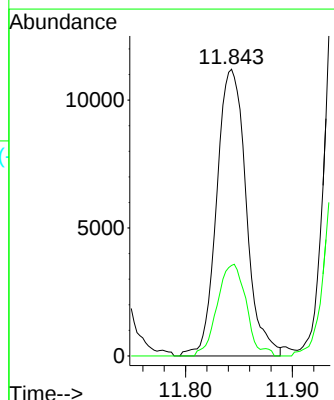
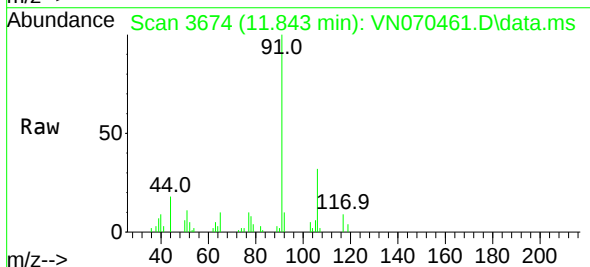


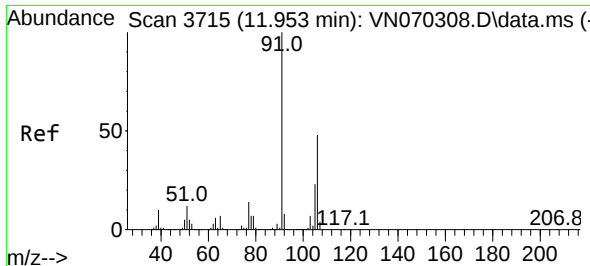
Tgt Ion:164 Resp: 34301
Ion Ratio Lower Upper
164 100
166 120.5 101.9 152.9
129 100.7 72.0 108.0
131 95.0 70.9 106.3



#67
Ethyl Benzene
Concen: 0.377 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

Tgt Ion: 91 Resp: 21475
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

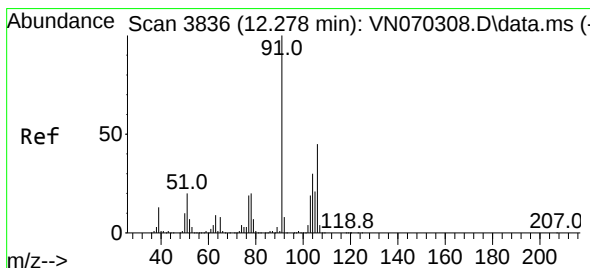
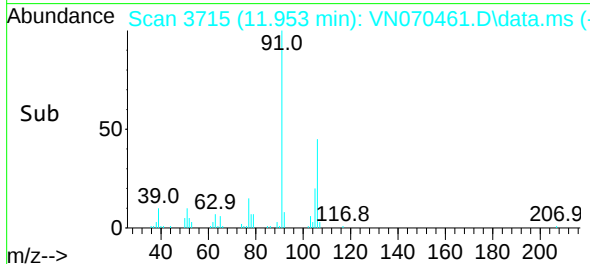
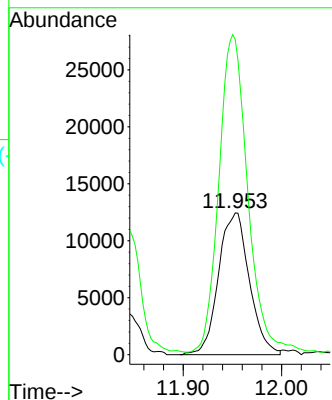
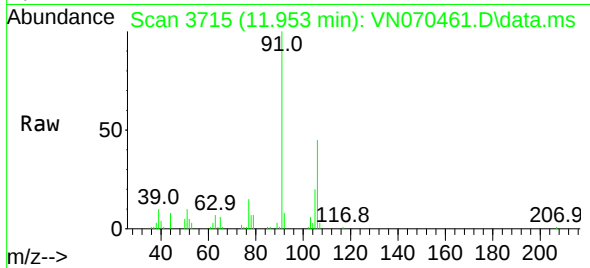




#68
m/p-Xylenes
Concen: 1.308 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

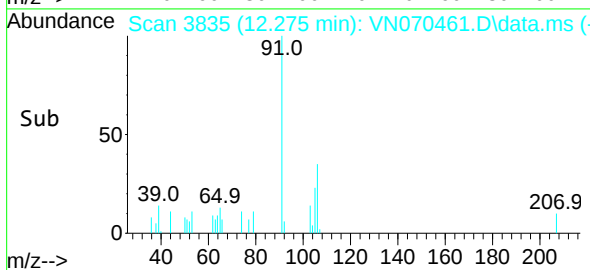
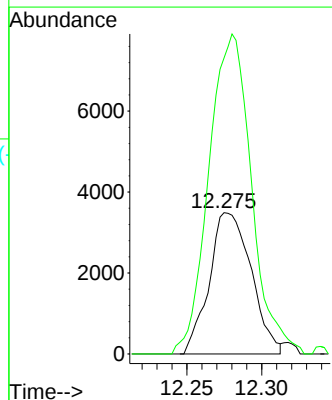
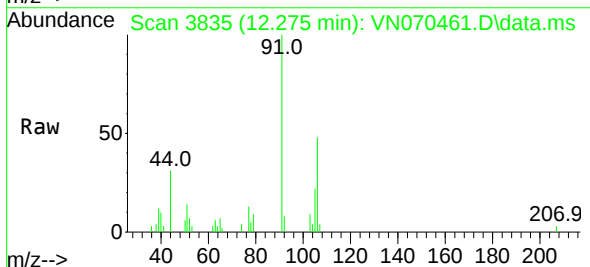
Instrument :
MSVOA_N
ClientSampleId :
TW-3DL

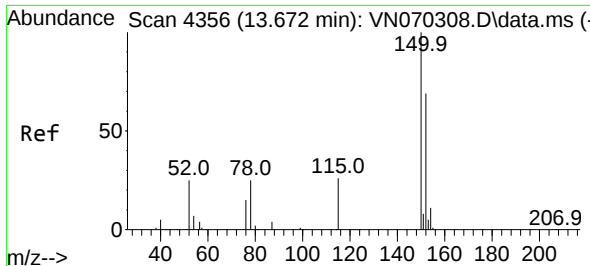
Tgt Ion:106 Resp: 27137
Ion Ratio Lower Upper
106 100
91 208.7 160.6 240.8



#69
o-Xylene
Concen: 0.330 ug/l
RT: 12.275 min Scan# 3835
Delta R.T. -0.003 min
Lab File: VN070461.D
Acq: 4 Jan 2022 14:11

Tgt Ion:106 Resp: 6810
Ion Ratio Lower Upper
106 100
91 230.1 105.8 317.3

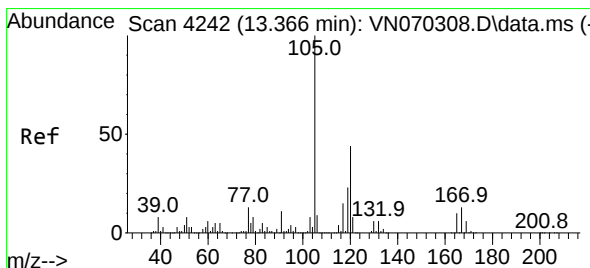
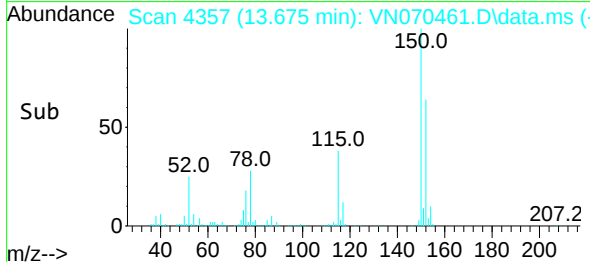
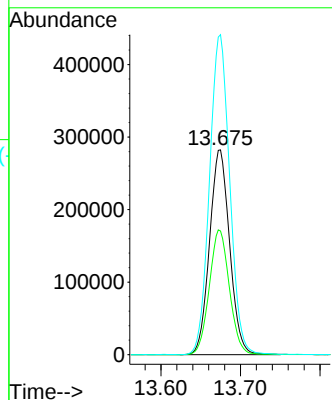
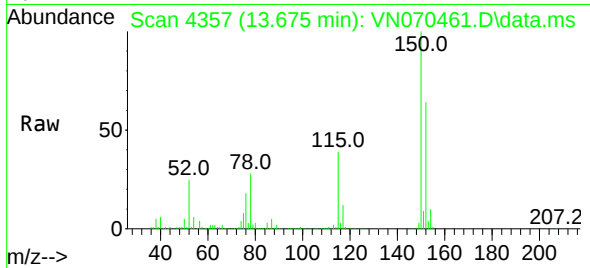




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070461.D
 Acq: 4 Jan 2022 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-3DL

Tgt Ion:152 Resp: 496538
 Ion Ratio Lower Upper
 152 100
 115 60.8 27.5 82.5
 150 157.0 0.0 344.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.785 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. 0.000 min
 Lab File: VN070461.D
 Acq: 4 Jan 2022 14:11

Tgt Ion:105 Resp: 27924
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.8 68.4

