

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070320.D
 Acq On : 27 Dec 2021 19:51
 Operator : JC/MD
 Sample : M5092-05 10X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 28 01:43:57 2021
 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)

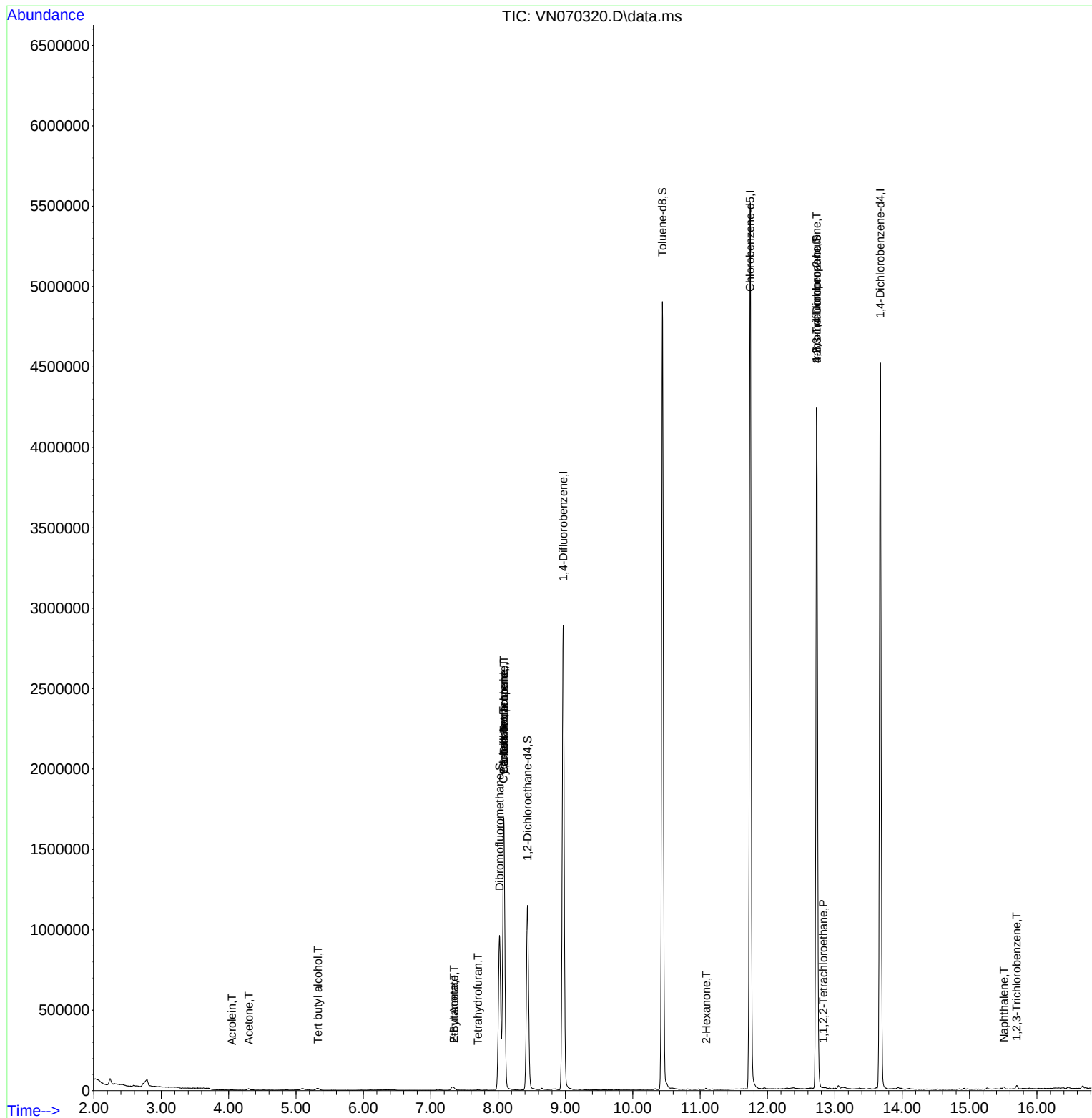
Internal Standards						
1) Pentafluorobenzene	8.086	168	1280988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2483016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	3082482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1226674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	970245	52.679	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.360%			
35) Dibromofluoromethane	8.021	113	709201	47.206	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.420%			
50) Toluene-d8	10.440	98	3346972	54.535	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.080%			
62) 4-Bromofluorobenzene	12.731	95	1517911	68.478	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 136.960%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.326	59	11936	3.892	ug/l #	71
13) Acrolein	4.049	56	659	0.265	ug/l #	1
16) Acetone	4.299	43	10634	0.889	ug/l	94
25) 2-Butanone	7.345	43	16179	1.075	ug/l #	84
29) Tetrahydrofuran	7.702	42	2178	0.242	ug/l #	36
31) Cyclohexane	8.080	56	30168	1.038	ug/l #	22
36) 1,1-Dichloropropene	8.086	75	106729	4.294	ug/l #	49
37) Ethyl Acetate	7.345	43	16179	0.502	ug/l #	71
38) Carbon Tetrachloride	8.086	117	128661	5.421	ug/l #	16
59) 2-Hexanone	11.089	43	5715	0.246	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	676	0.463	ug/l #	91
76) 1,2,3-Trichloropropane	12.731	75	807895	23.764	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	807895	80.466	ug/l #	5
95) Naphthalene	15.509	128	13338	2.027	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.700	180	2909	0.974	ug/l	96

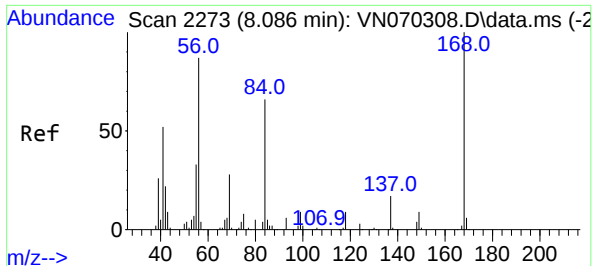
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
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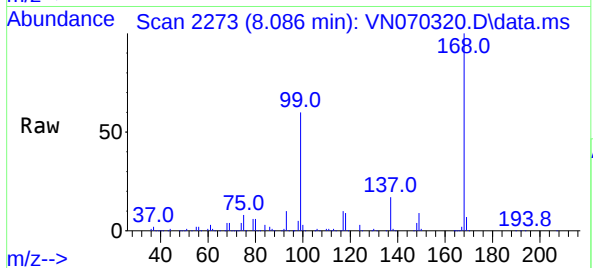
Quant Time: Dec 28 01:43:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration



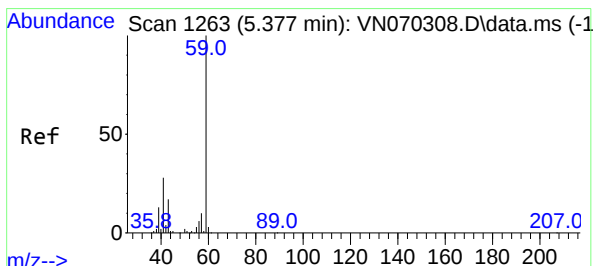
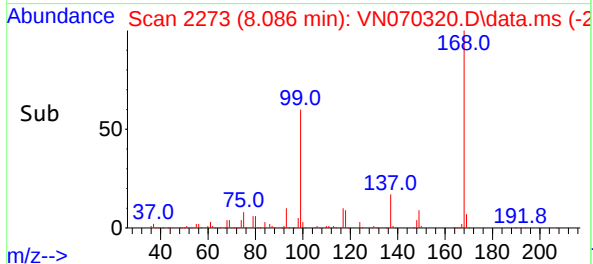
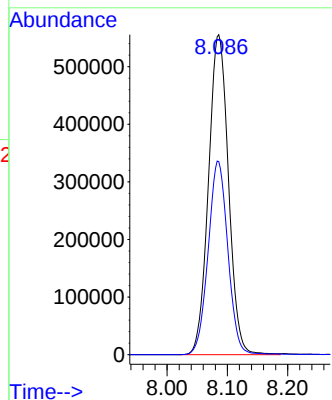


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Instrument :
MSVOA_N
ClientSampleId :

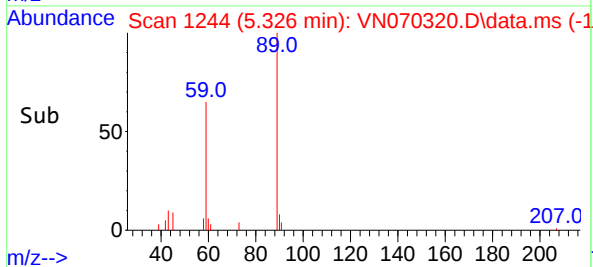
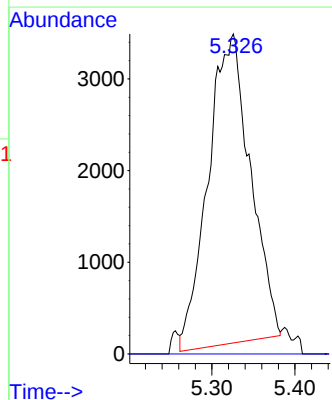
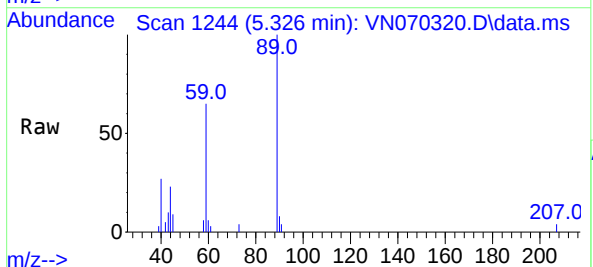


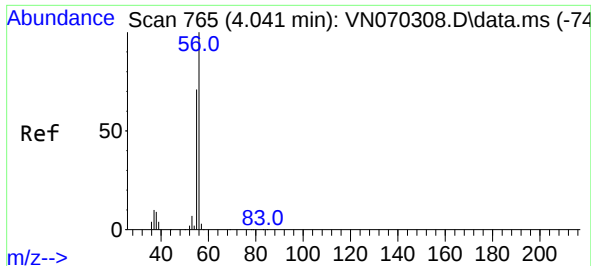
Tgt Ion:168 Resp: 1280988
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#11
Tert butyl alcohol
Concen: 3.892 ug/l
RT: 5.326 min Scan# 1244
Delta R.T. -0.051 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

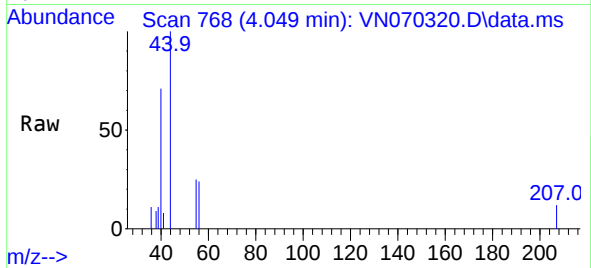
Tgt Ion: 59 Resp: 11936
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



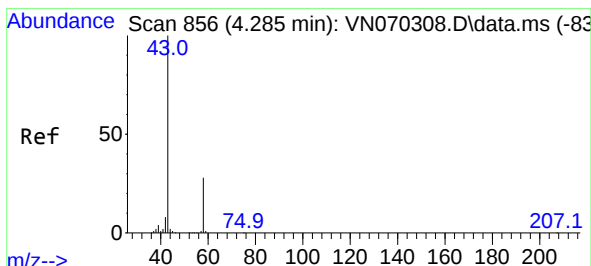
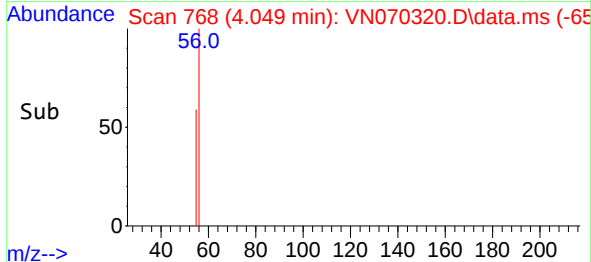
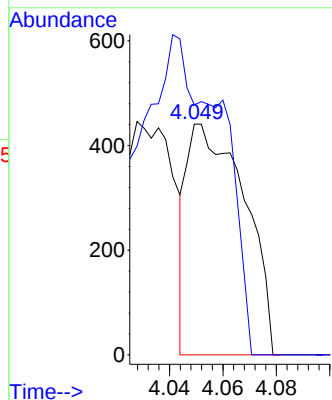


#13
Acrolein
Concen: 0.265 ug/l
RT: 4.049 min Scan# 765
Delta R.T. 0.008 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Instrument :
MSVOA_N
ClientSampleId :

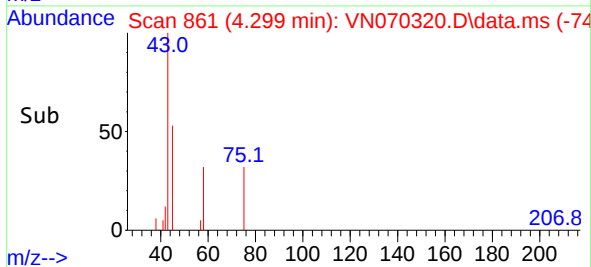
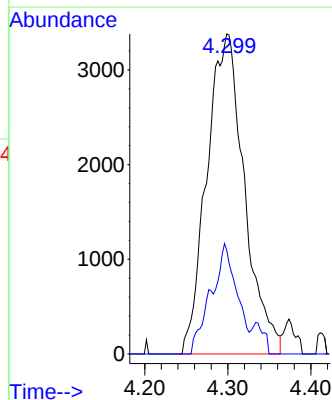
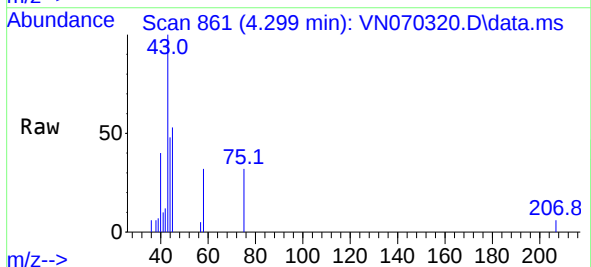


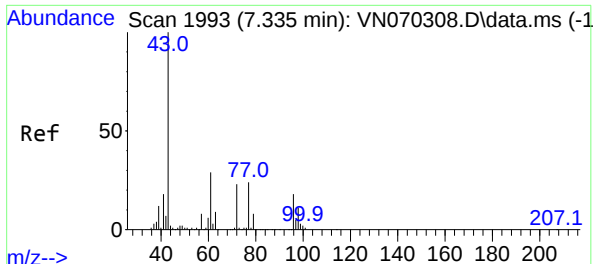
Tgt Ion: 56 Resp: 659
Ion Ratio Lower Upper
56 100
55 232.2 56.6 85.0#



#16
Acetone
Concen: 0.889 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Tgt Ion: 43 Resp: 10634
Ion Ratio Lower Upper
43 100
58 32.3 23.1 34.7

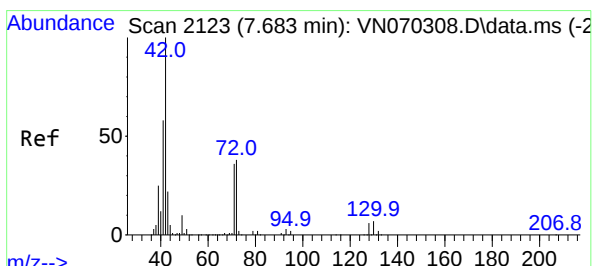
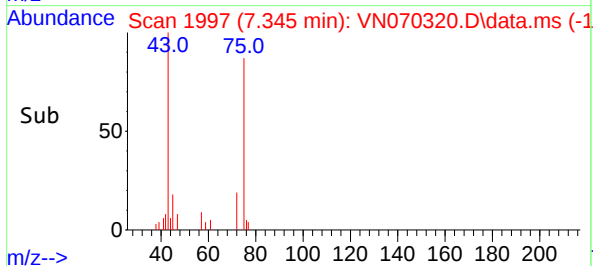
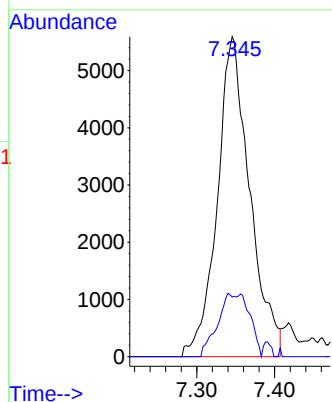
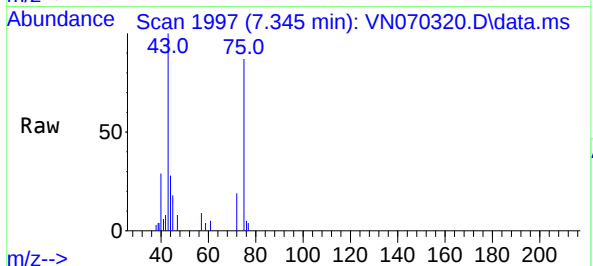




#25
2-Butanone
Concen: 1.075 ug/l
RT: 7.345 min Scan# 1993
Delta R.T. 0.010 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

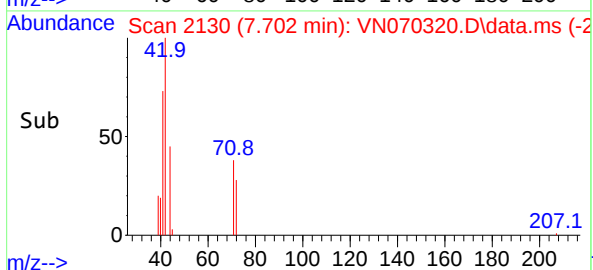
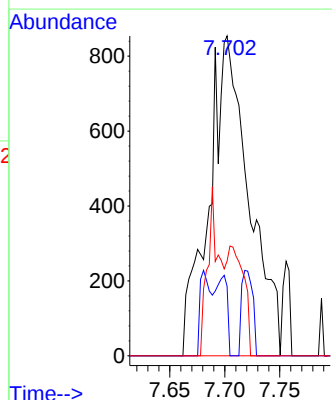
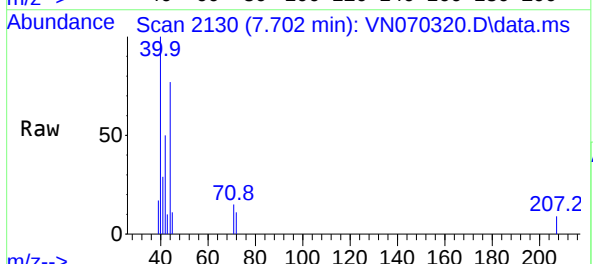
Instrument :
MSVOA_N
ClientSampleId :

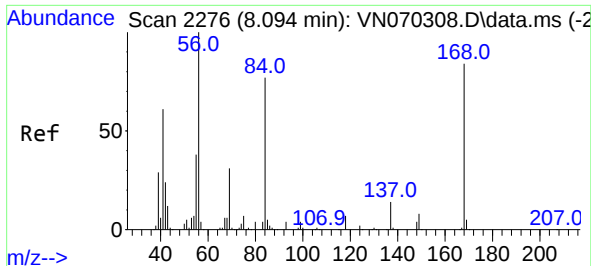
Tgt Ion: 43 Resp: 16179
Ion Ratio Lower Upper
43 100
72 18.6 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.242 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.019 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

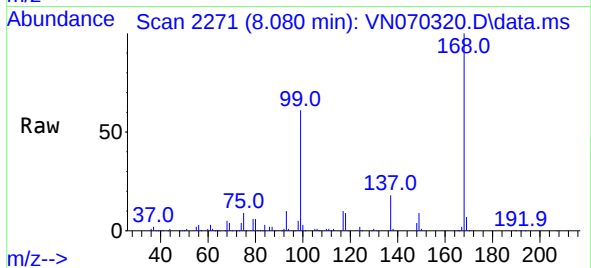
Tgt Ion: 42 Resp: 2178
Ion Ratio Lower Upper
42 100
72 5.9 36.3 54.5#
71 0.0 34.7 52.1#



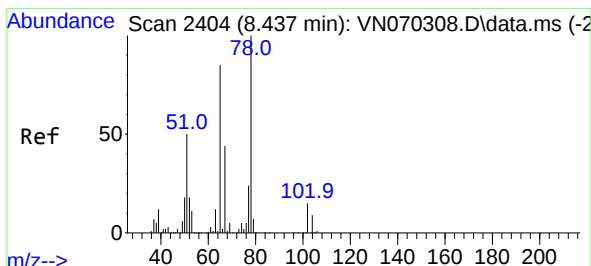
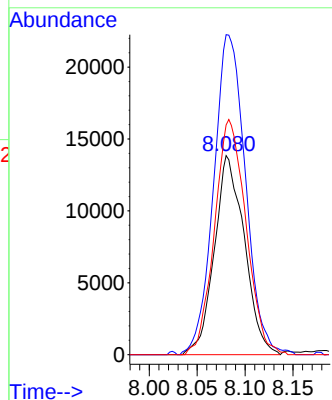
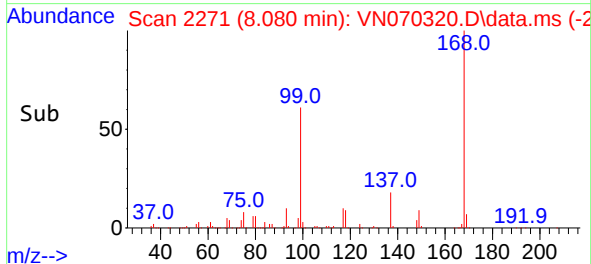


#31
Cyclohexane
Concen: 1.038 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Instrument :
MSVOA_N
ClientSampleId :

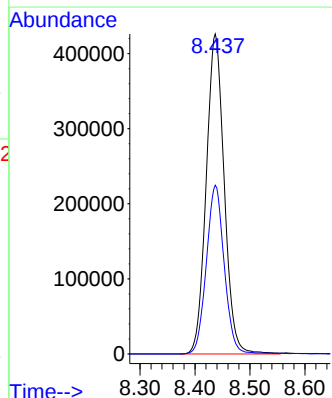
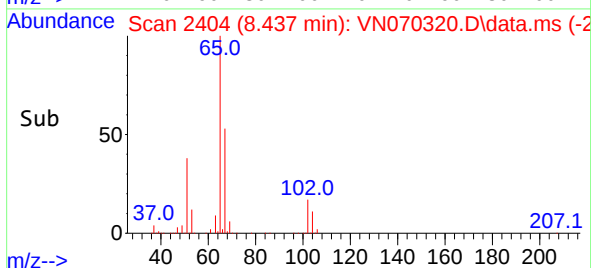
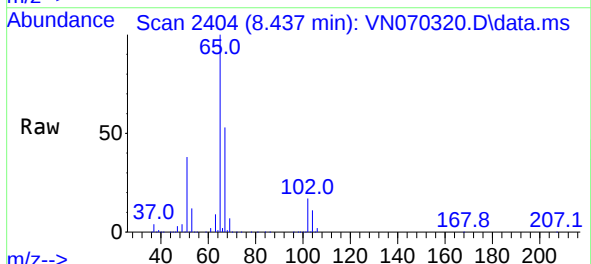


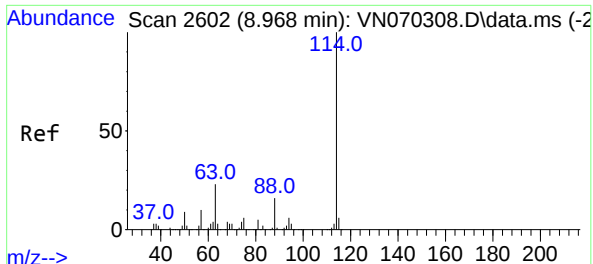
Tgt Ion: 56 Resp: 30168
Ion Ratio Lower Upper
56 100
69 160.8 27.1 40.7#
84 115.5 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.679 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

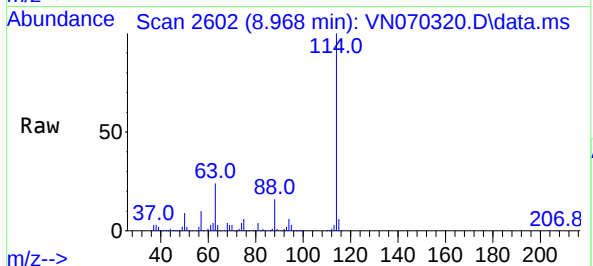
Tgt Ion: 65 Resp: 970245
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0





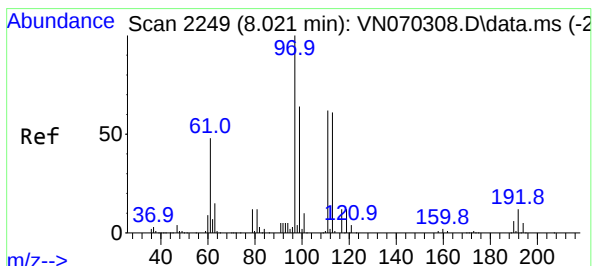
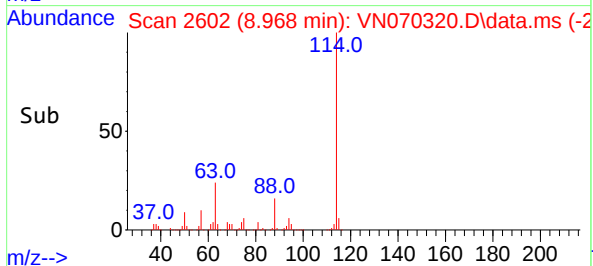
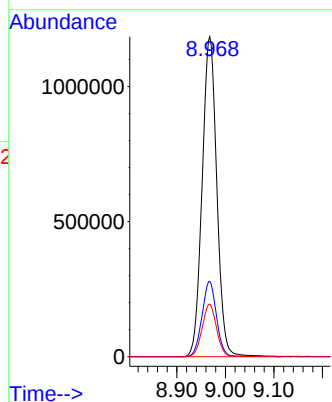
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:114 Resp: 2483016

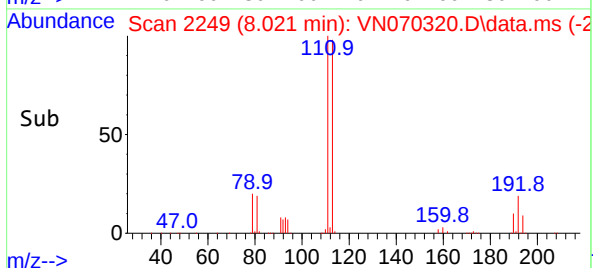
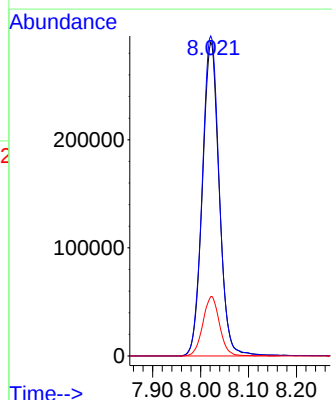
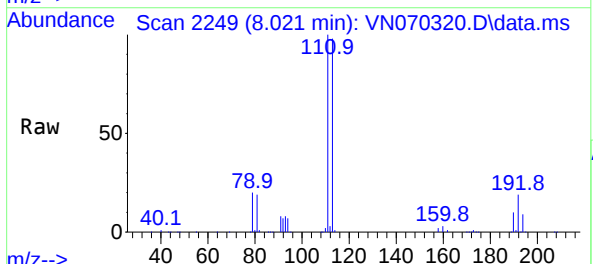
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	37.8
88	16.4	0.0	27.4

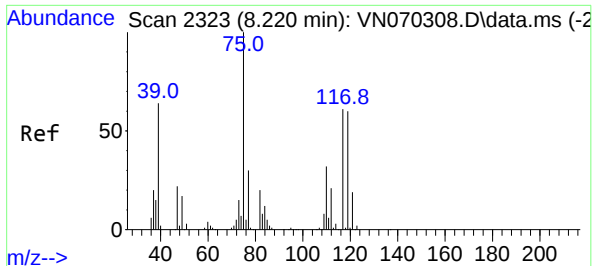


#35
Dibromofluoromethane
Concen: 47.206 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Tgt Ion:113 Resp: 709201

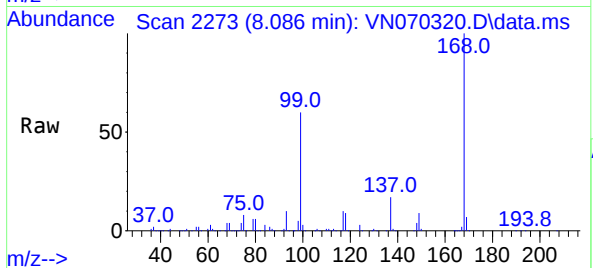
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	18.8	16.9	25.3



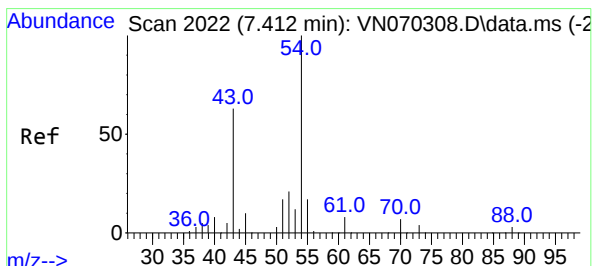
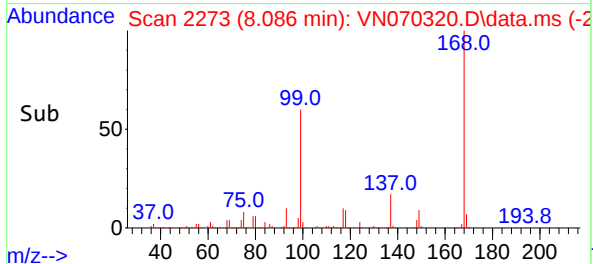
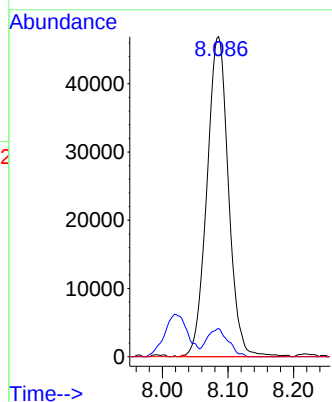


#36
1,1-Dichloropropene
Concen: 4.294 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Instrument :
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ClientSampleId :

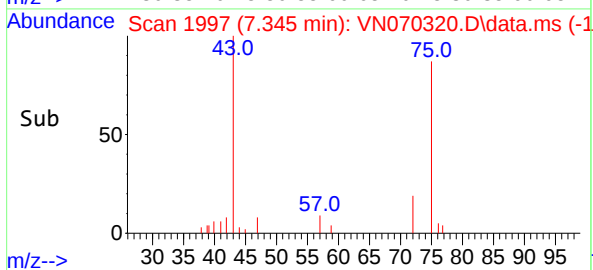
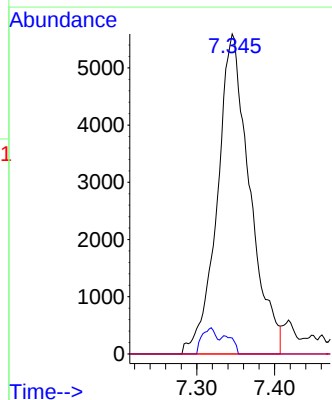
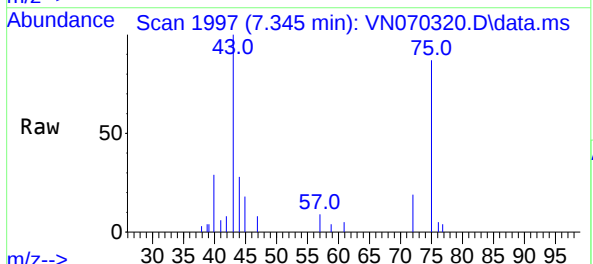


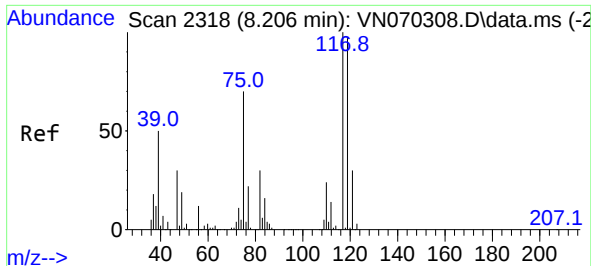
Tgt Ion: 75 Resp: 106729
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.502 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.067 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

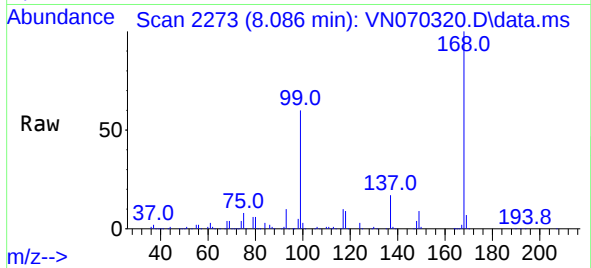
Tgt Ion: 43 Resp: 16179
Ion Ratio Lower Upper
43 100
61 2.1 11.5 17.3#
70 0.0 7.9 11.9#



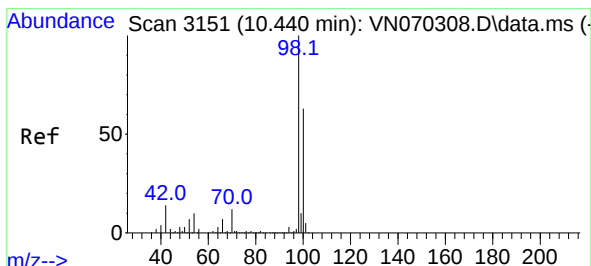
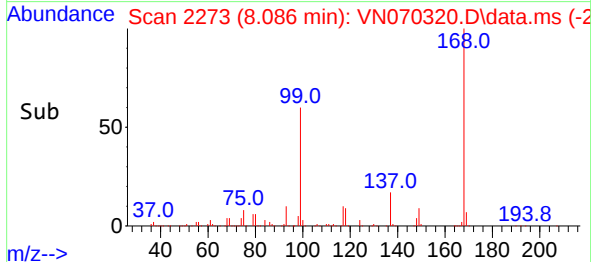
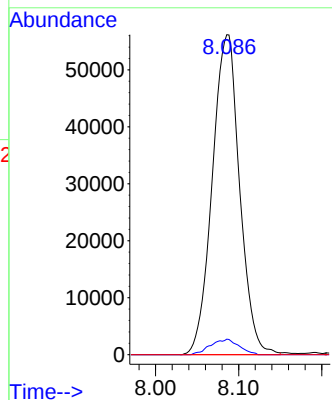


#38
Carbon Tetrachloride
Concen: 5.421 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Instrument :
MSVOA_N
ClientSampleId :

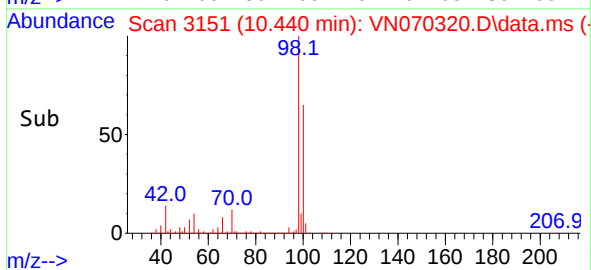
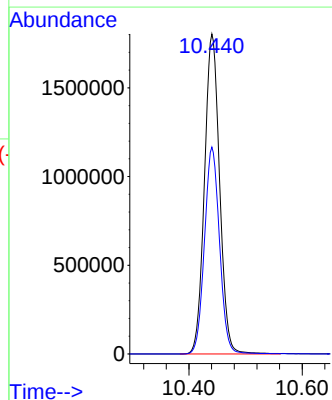
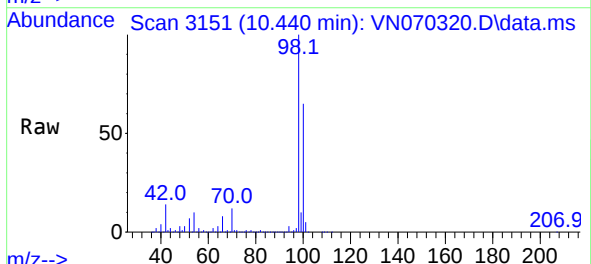


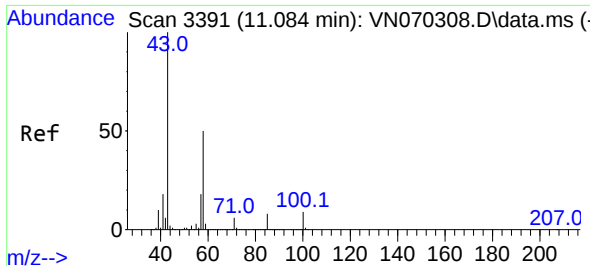
Tgt Ion:117 Resp: 128661
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.535 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Tgt Ion: 98 Resp: 3346972
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

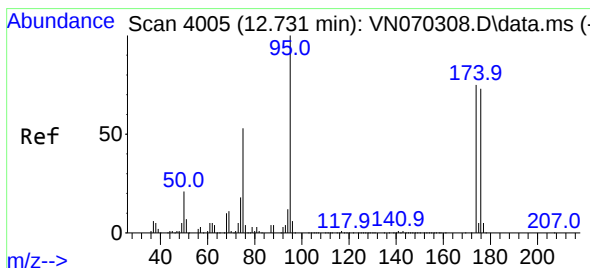
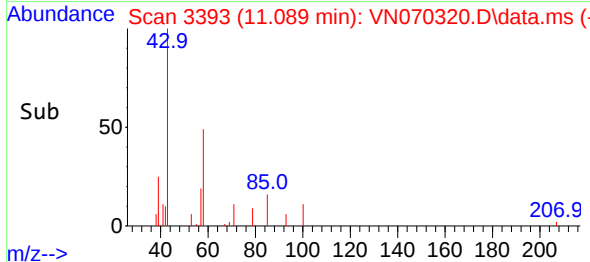
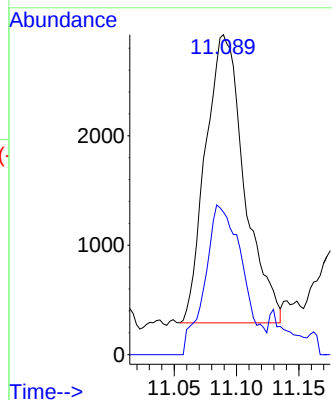
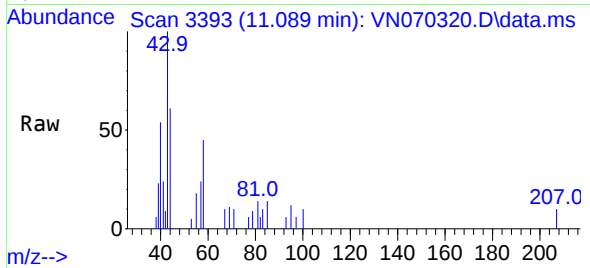




#59
2-Hexanone
Concen: 0.246 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

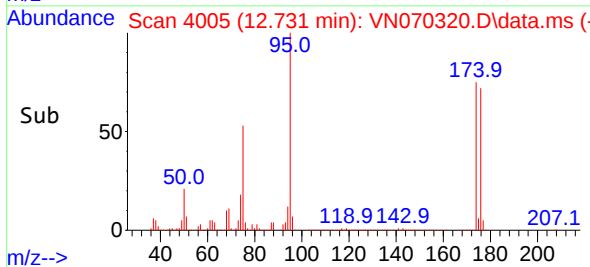
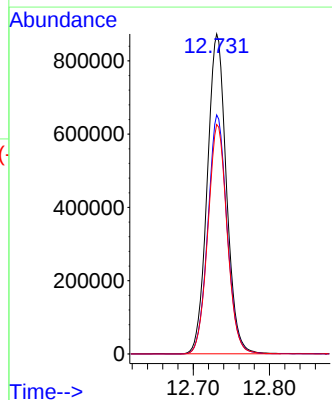
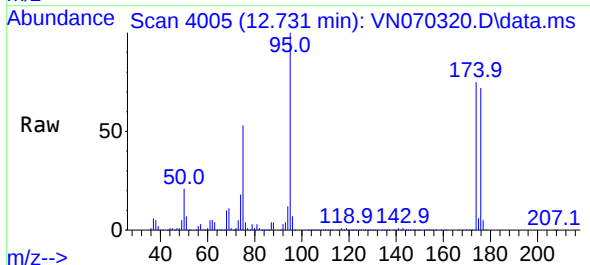
Instrument :
MSVOA_N
ClientSampleId :

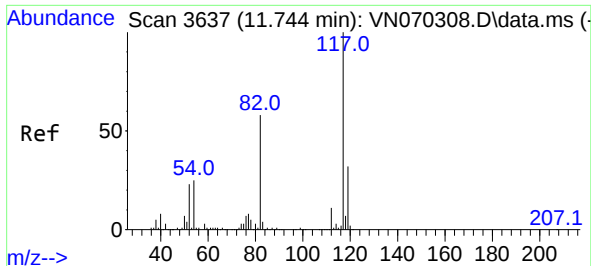
Tgt Ion: 43 Resp: 5715
Ion Ratio Lower Upper
43 100
58 50.5 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 68.478 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

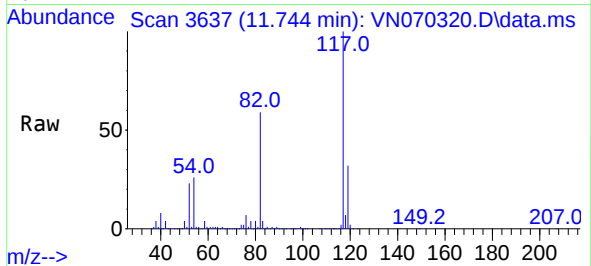
Tgt Ion: 95 Resp: 1517911
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.3 0.0 181.4





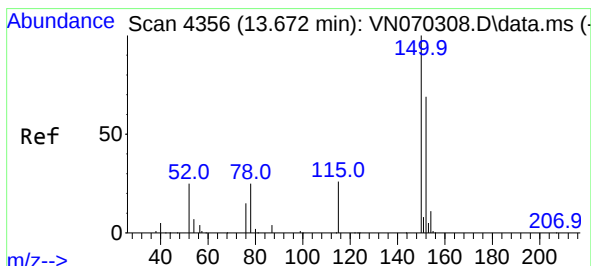
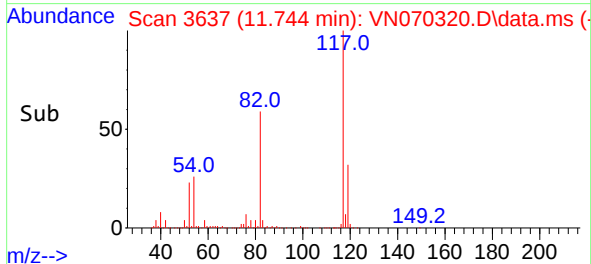
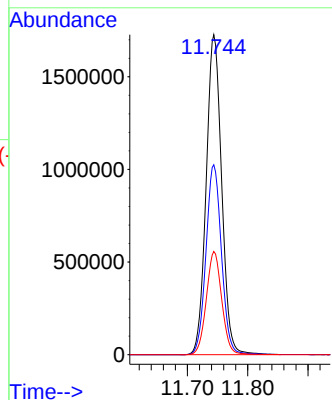
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 3082482

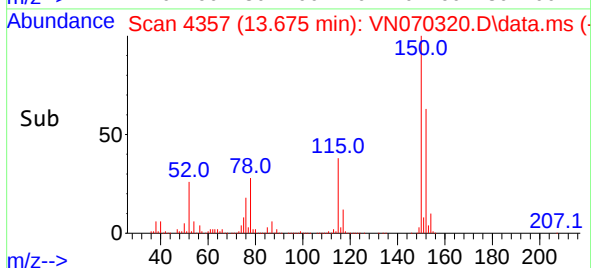
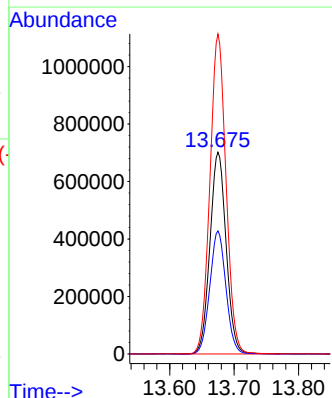
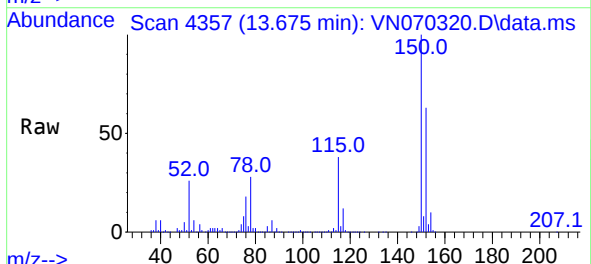
Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	32.2	25.4	38.2

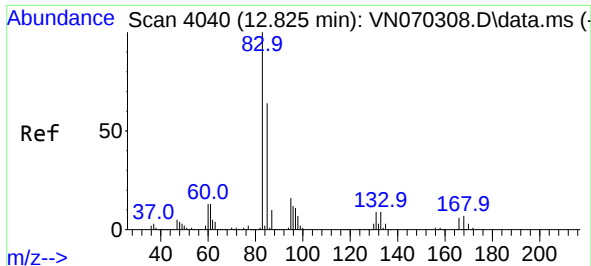


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

Tgt Ion:152 Resp: 1226674

Ion	Ratio	Lower	Upper
152	100		
115	60.7	27.5	82.5
150	157.3	0.0	344.4

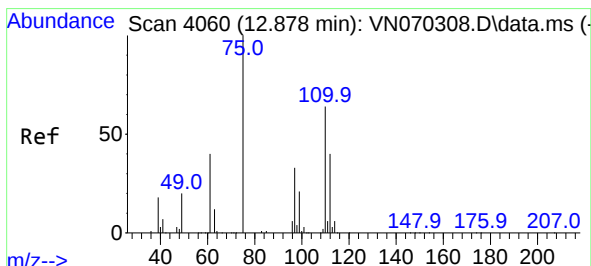
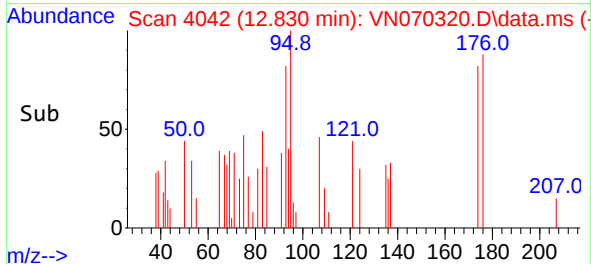
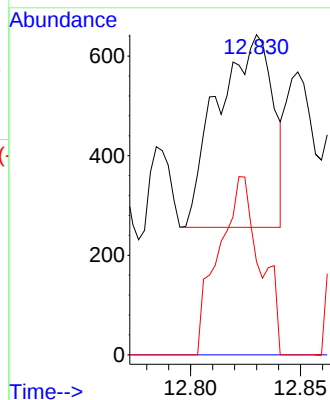
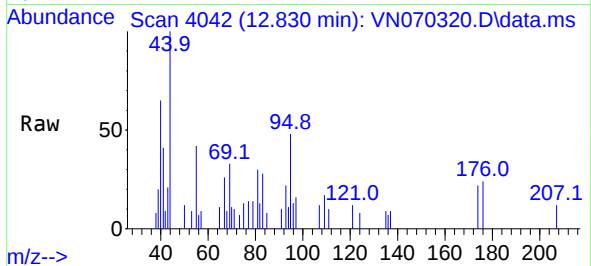




#75
1,1,2,2-Tetrachloroethane
Concen: 0.463 ug/l
RT: 12.830 min Scan# 4040
Delta R.T. 0.005 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

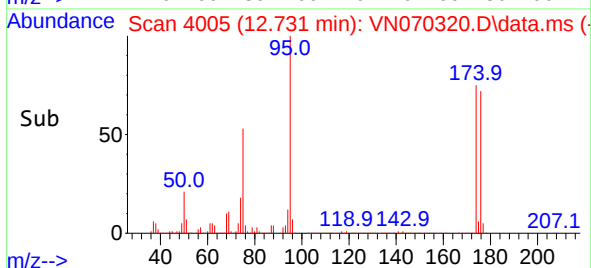
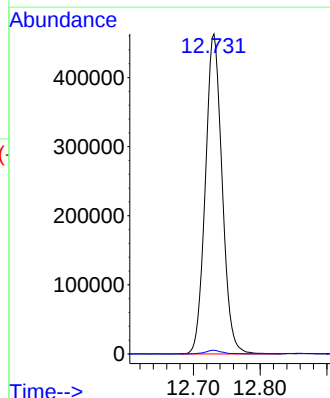
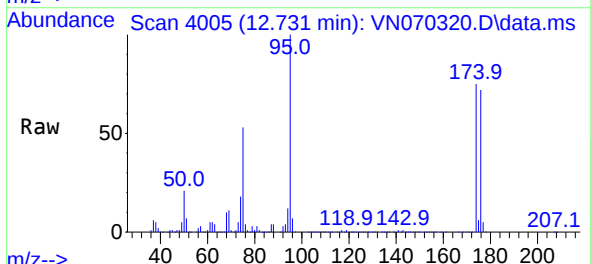
Instrument :
MSVOA_N
ClientSampleId :

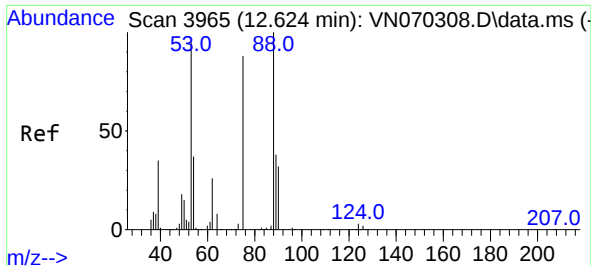
Tgt Ion: 83 Resp: 676
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 69.5 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 23.764 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

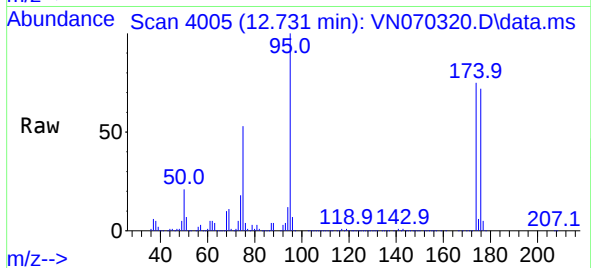
Tgt Ion: 75 Resp: 807895
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



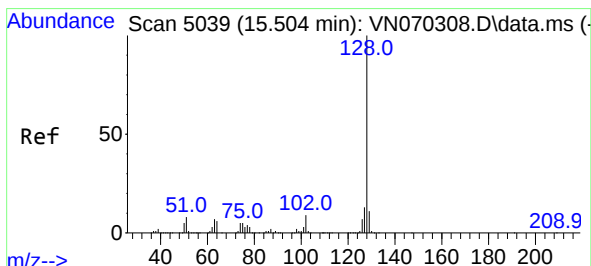
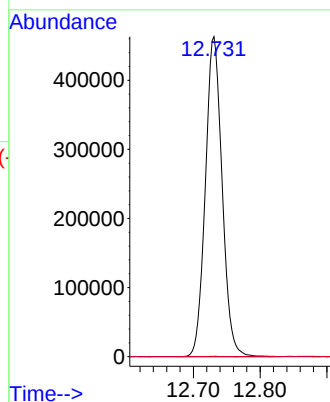
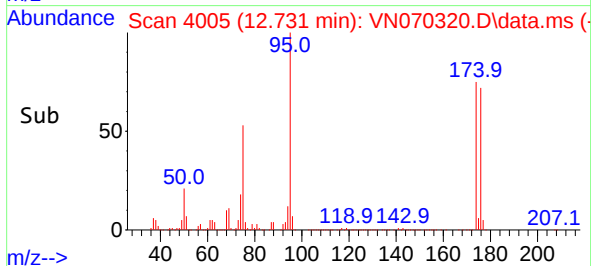


#81
trans-1,4-Dichloro-2-butene
Concen: 80.466 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51

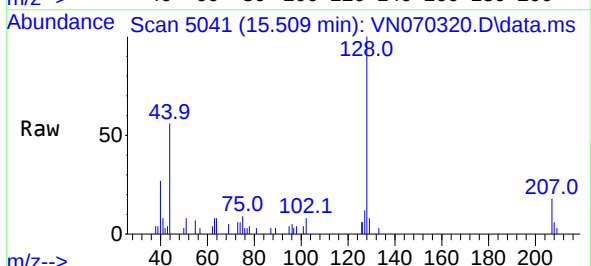
Instrument :
MSVOA_N
ClientSampleId :



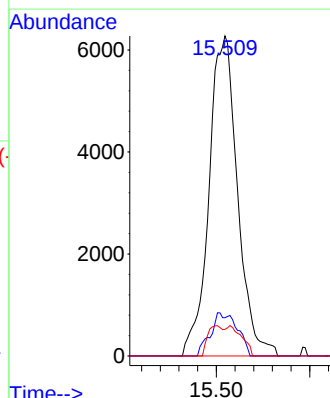
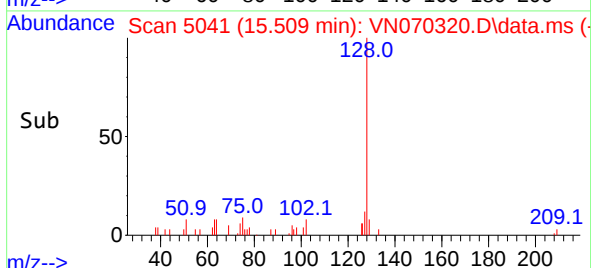
Tgt Ion: 75 Resp: 807895
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

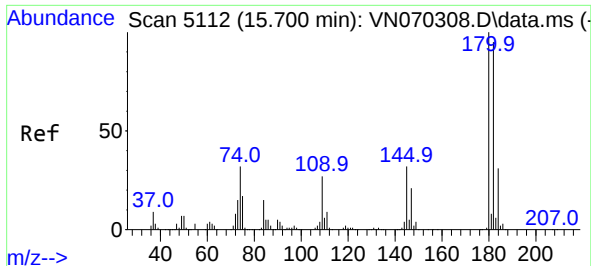


#95
Naphthalene
Concen: 2.027 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.005 min
Lab File: VN070320.D
Acq: 27 Dec 2021 19:51



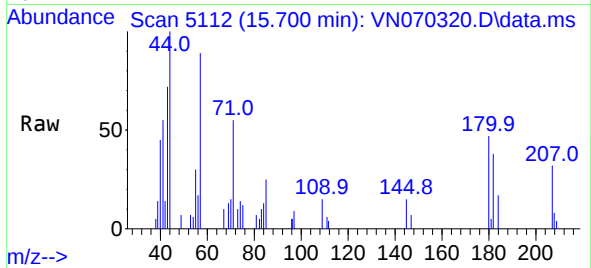
Tgt Ion: 128 Resp: 13338
Ion Ratio Lower Upper
128 100
127 7.0 10.5 15.7#
129 4.8 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.974 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070320.D
 Acq: 27 Dec 2021 19:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2909
Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.4	142.2
145	23.9	15.0	45.1

