

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070568.D
 Acq On : 11 Jan 2022 14:19
 Operator : JC/MD
 Sample : N1080-01ME
 Misc : 4.17g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 06:00:45 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)

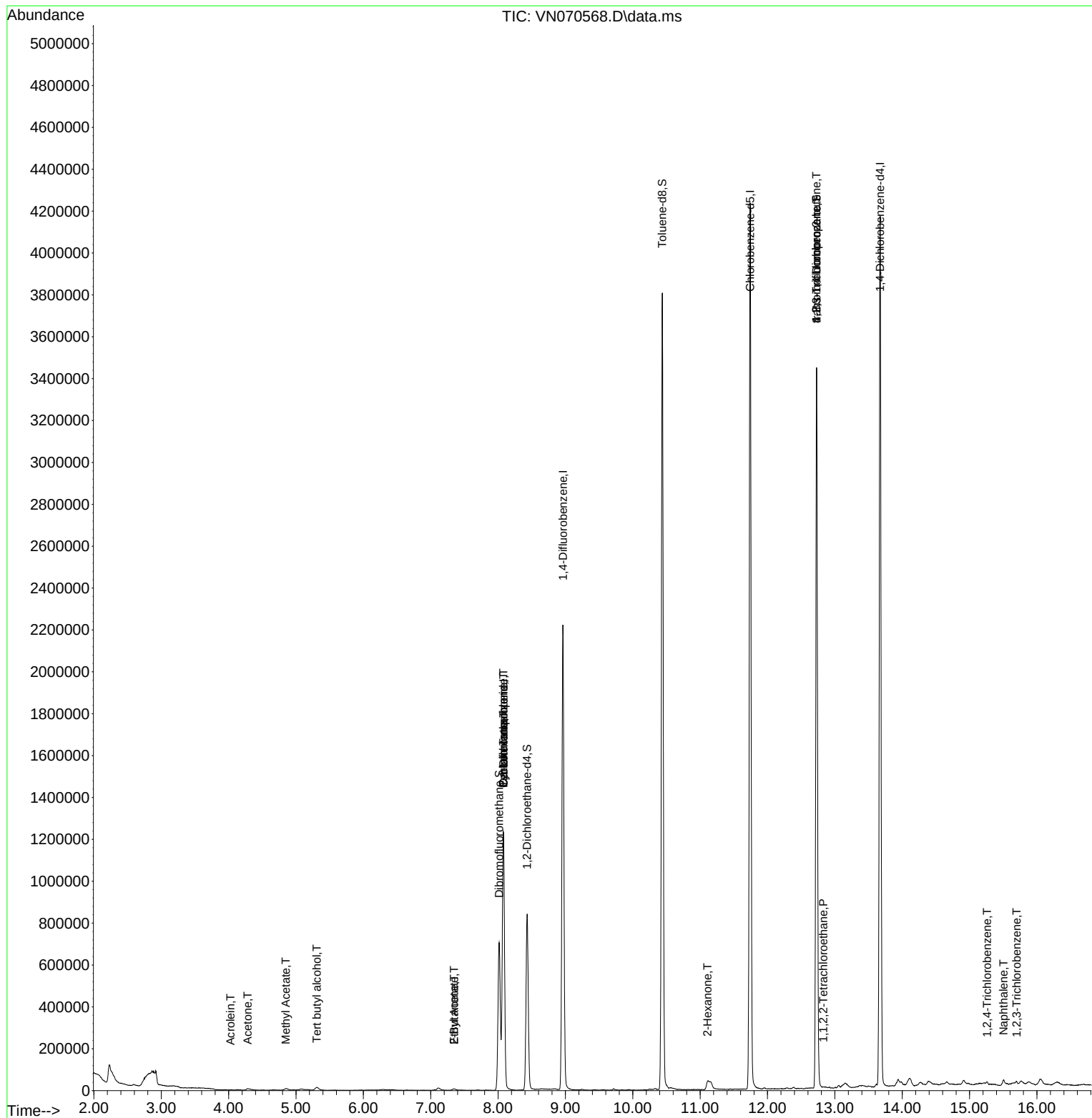
Internal Standards						
1) Pentafluorobenzene	8.080	168	974421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1927332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	2455583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1146429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	697471	49.783	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.560%
35) Dibromofluoromethane	8.016	113	531988	45.620	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.240%
50) Toluene-d8	10.438	98	2660779	55.854	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.700%
62) 4-Bromofluorobenzene	12.728	95	1266579	73.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	147.220%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.310	59	15042	6.448	ug/l #	71
13) Acrolein	4.028	56	1140	0.602	ug/l	89
16) Acetone	4.283	43	3542	0.389	ug/l	95
18) Methyl Acetate	4.849	43	8042	0.306	ug/l #	65
25) 2-Butanone	7.346	43	11480	1.002	ug/l	93
31) Cyclohexane	8.080	56	21750	0.984	ug/l #	5
36) 1,1-Dichloropropene	8.078	75	77684	4.027	ug/l #	48
37) Ethyl Acetate	7.346	43	11480	0.459	ug/l #	68
38) Carbon Tetrachloride	8.078	117	94076	5.107	ug/l #	17
59) 2-Hexanone	11.111	43	18082	1.001	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.827	83	517	0.460	ug/l #	89
76) 1,2,3-Trichloropropane	12.728	75	647637	20.772	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	647637	69.020	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	4142	0.219	ug/l	89
95) Naphthalene	15.504	128	17939	2.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	4361	1.063	ug/l	95

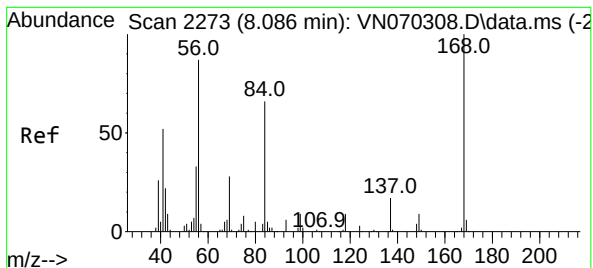
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN070568.D

Acq: 11 Jan 2022 14:19

Instrument :

MSVOA_N

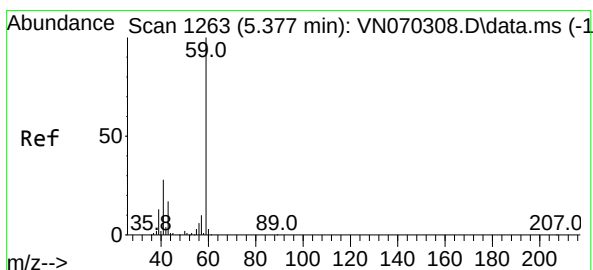
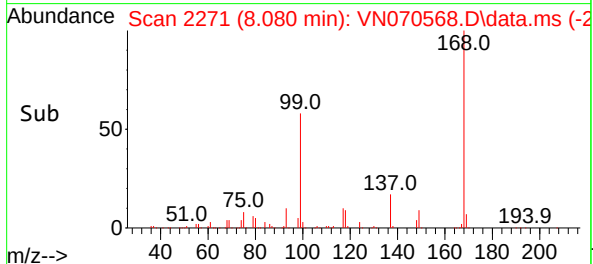
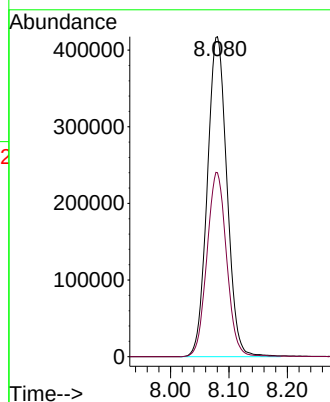
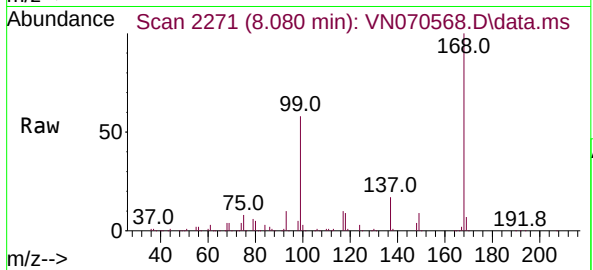
ClientSampleId :

Tgt Ion:168 Resp: 974421

Ion Ratio Lower Upper

168 100

99 57.5 41.3 61.9



#11

Tert butyl alcohol

Concen: 6.448 ug/l

RT: 5.310 min Scan# 1238

Delta R.T. -0.067 min

Lab File: VN070568.D

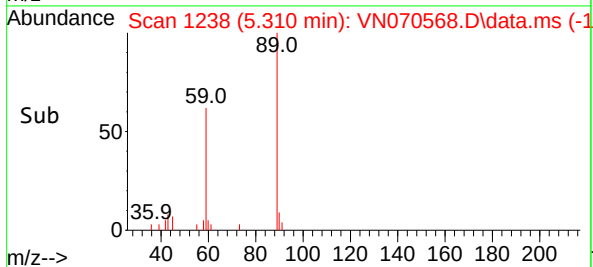
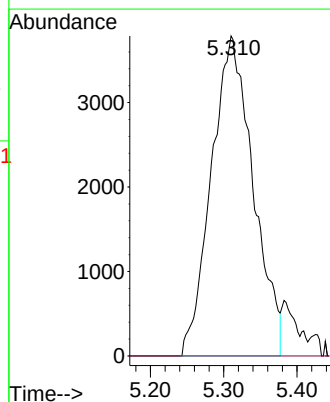
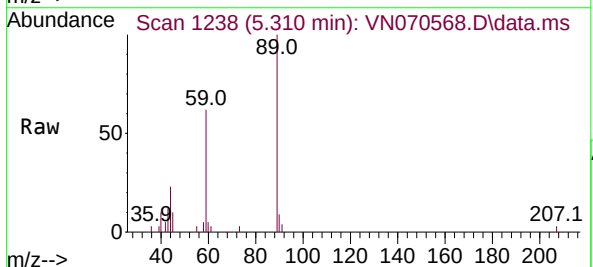
Acq: 11 Jan 2022 14:19

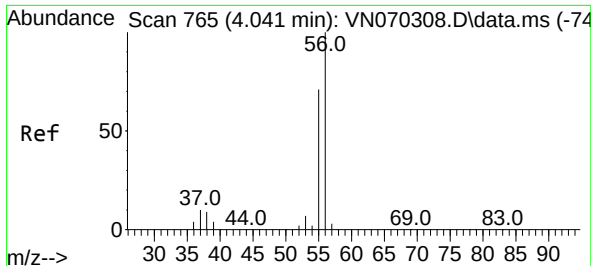
Tgt Ion: 59 Resp: 15042

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#

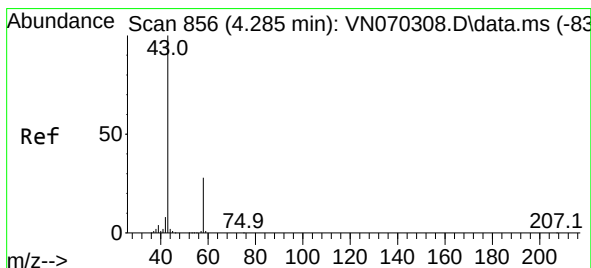
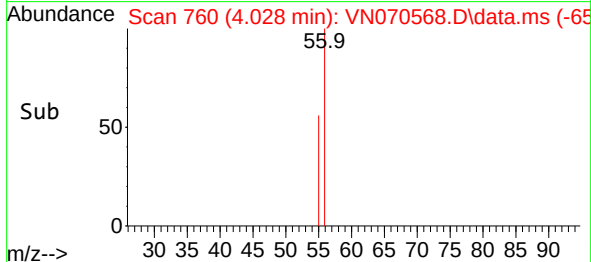
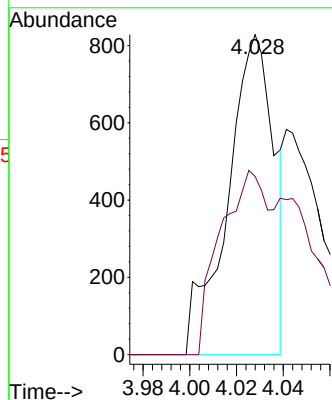
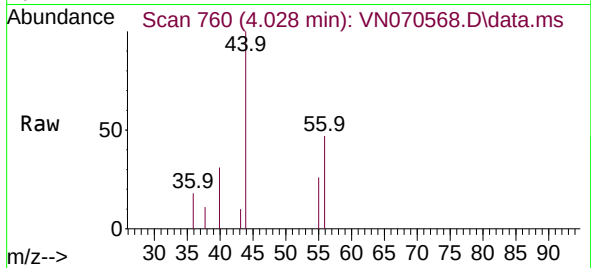




#13
Acrolein
Concen: 0.602 ug/l
RT: 4.028 min Scan# 765
Delta R.T. -0.013 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

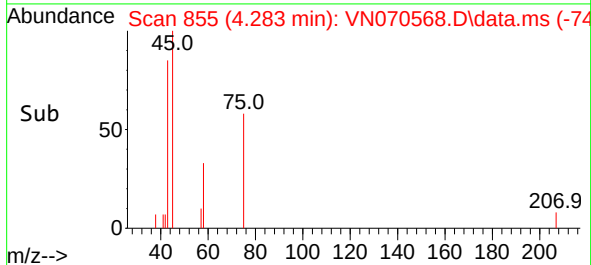
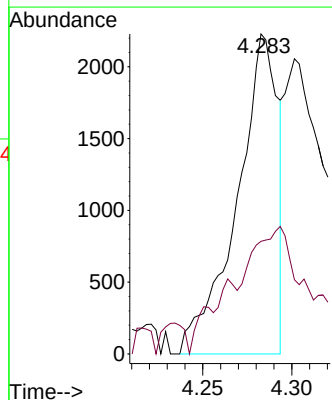
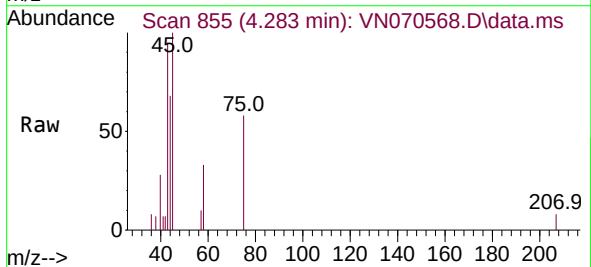
Instrument :
MSVOA_N
ClientSampleId :

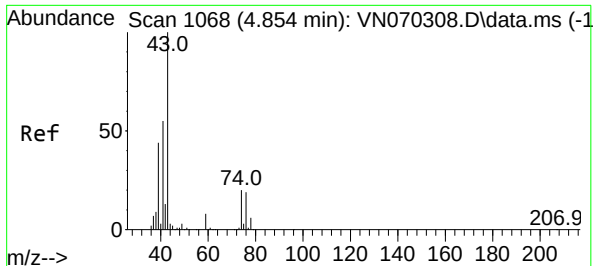
Tgt Ion: 56 Resp: 1140
Ion Ratio Lower Upper
56 100
55 61.7 56.6 85.0



#16
Acetone
Concen: 0.389 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

Tgt Ion: 43 Resp: 3542
Ion Ratio Lower Upper
43 100
58 26.3 23.1 34.7





#18

Methyl Acetate

Concen: 0.306 ug/l

RT: 4.849 min Scan# 1066

Delta R.T. -0.005 min

Lab File: VN070568.D

Acq: 11 Jan 2022 14:19

Instrument :

MSVOA_N

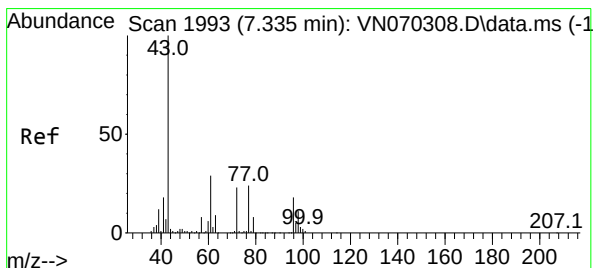
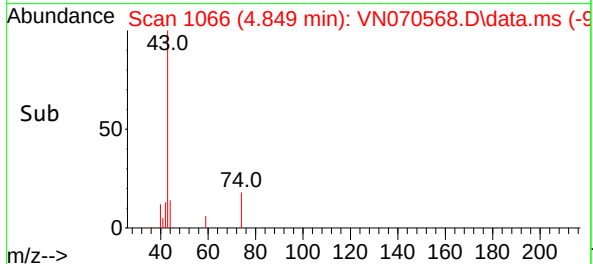
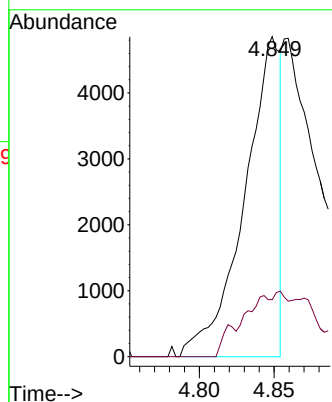
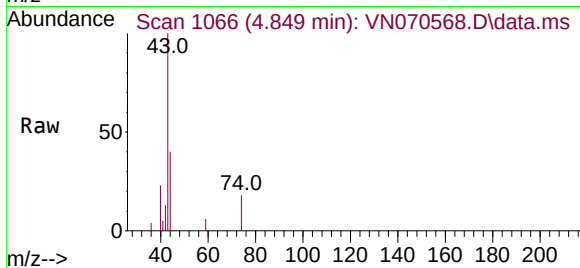
ClientSampleId :

Tgt Ion: 43 Resp: 8042

Ion Ratio Lower Upper

43 100

74 7.1 19.4 29.2#



#25

2-Butanone

Concen: 1.002 ug/l

RT: 7.346 min Scan# 1997

Delta R.T. 0.011 min

Lab File: VN070568.D

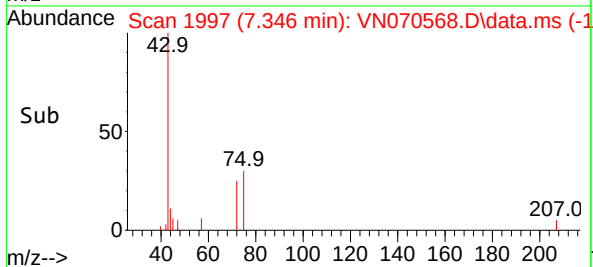
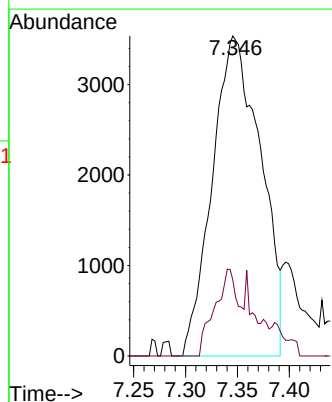
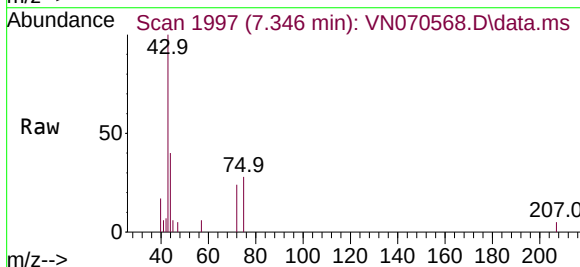
Acq: 11 Jan 2022 14:19

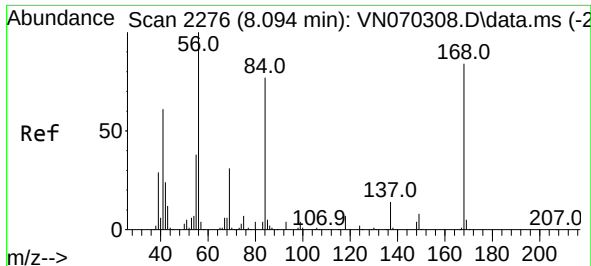
Tgt Ion: 43 Resp: 11480

Ion Ratio Lower Upper

43 100

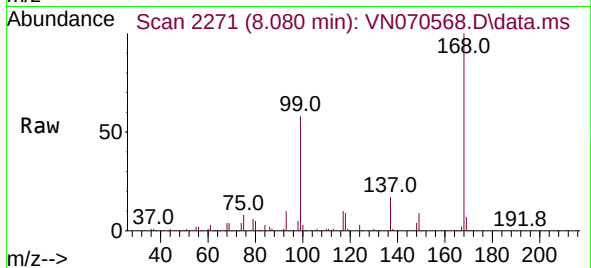
72 23.7 21.7 32.5



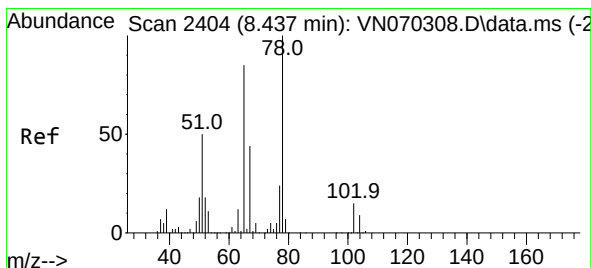
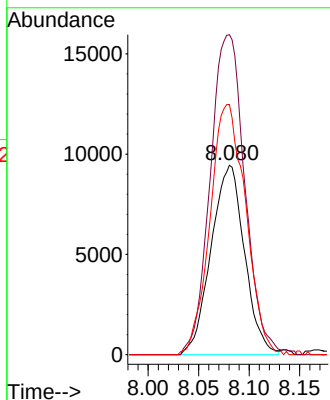
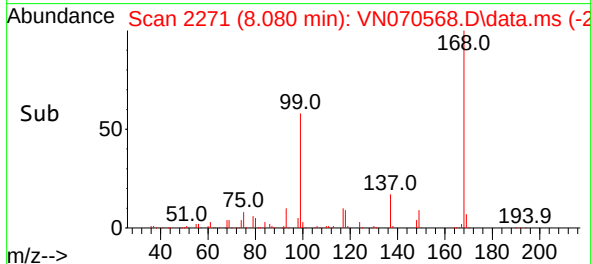


#31
Cyclohexane
Concen: 0.984 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

Instrument :
MSVOA_N
ClientSampleId :

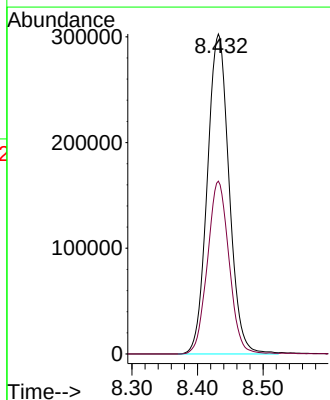
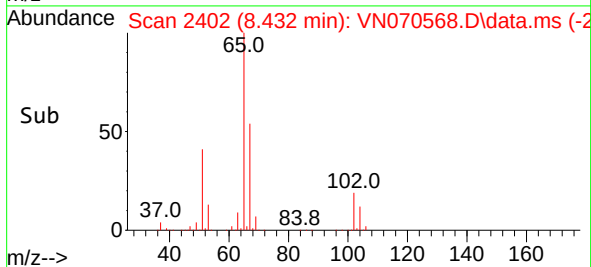
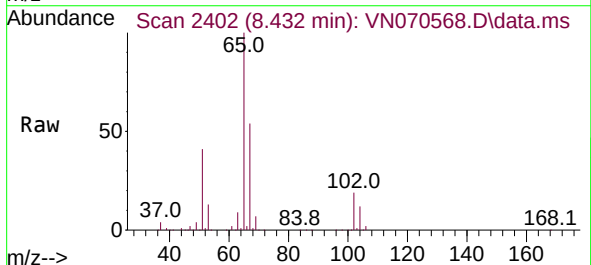


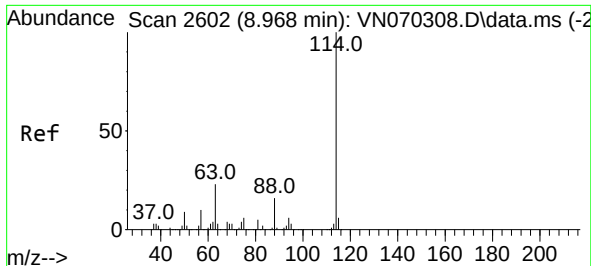
Tgt Ion: 56 Resp: 21750
Ion Ratio Lower Upper
56 100
69 168.9 27.1 40.7#
84 132.1 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 49.783 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

Tgt Ion: 65 Resp: 697471
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.0

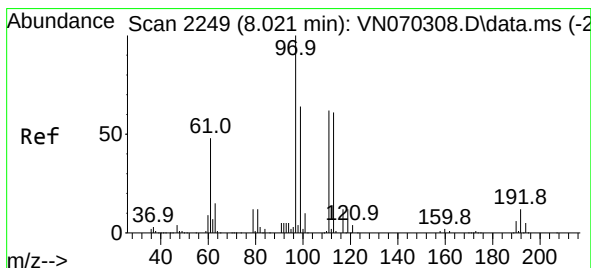
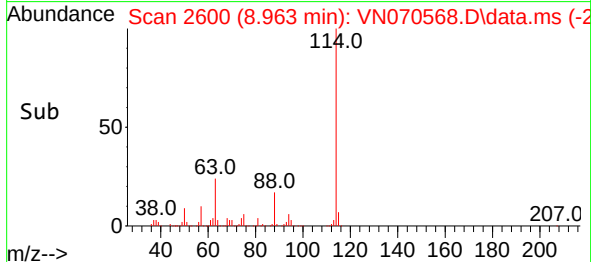
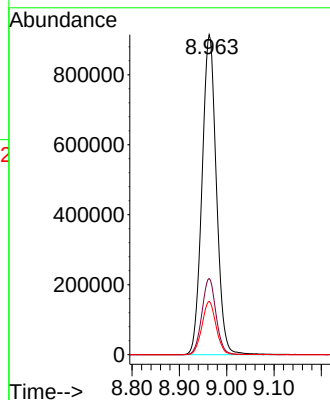
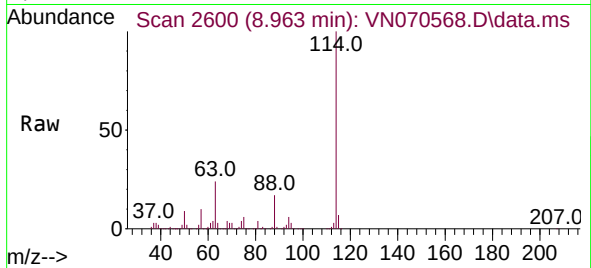




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.005 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

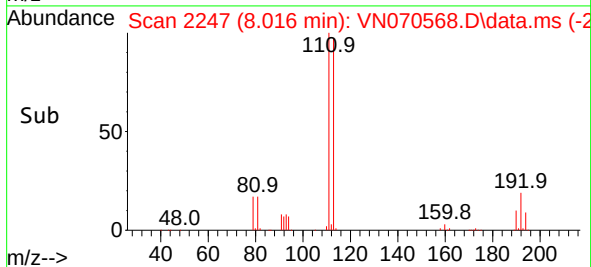
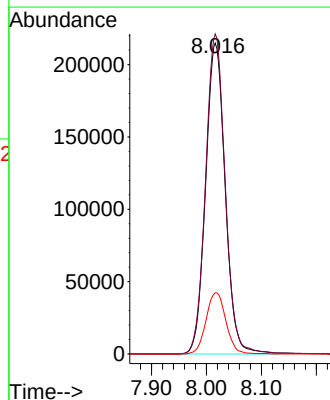
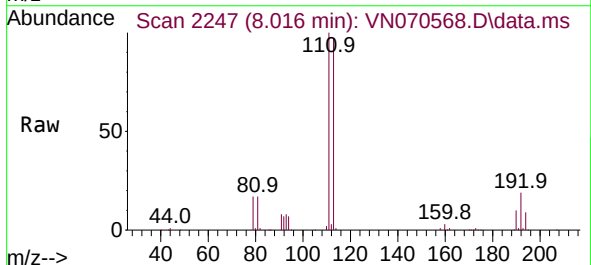
Instrument :
MSVOA_N
ClientSampleId :

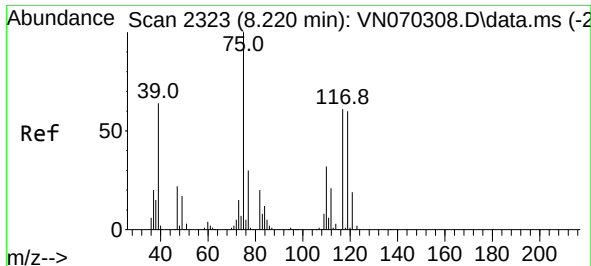
Tgt Ion:114 Resp: 1927332
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.620 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

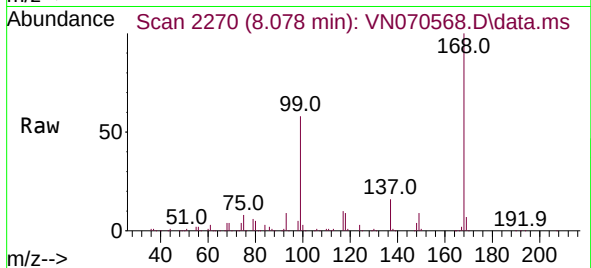
Tgt Ion:113 Resp: 531988
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.9 16.9 25.3



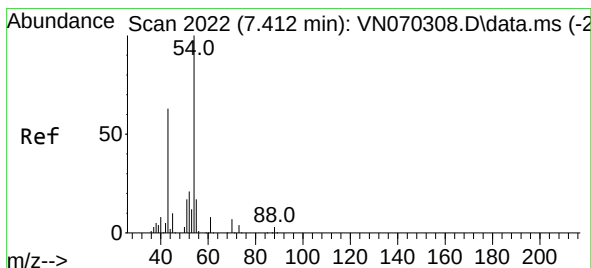
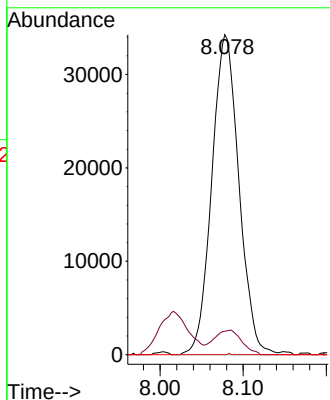
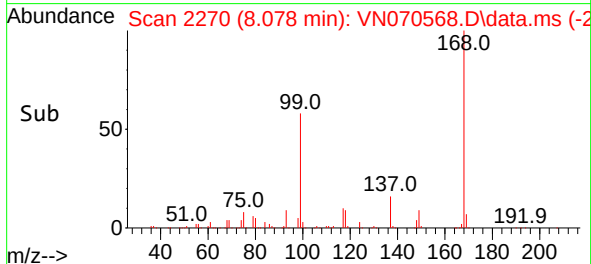


#36
1,1-Dichloropropene
Concen: 4.027 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.142 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

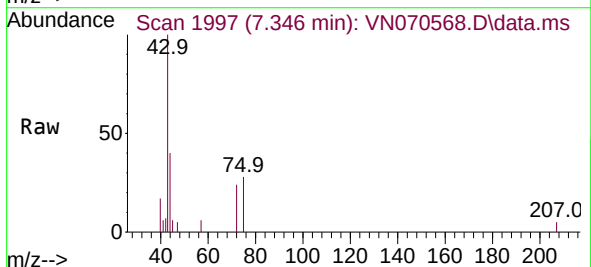
Instrument :
MSVOA_N
ClientSampleId :



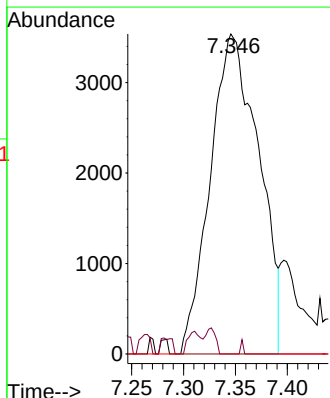
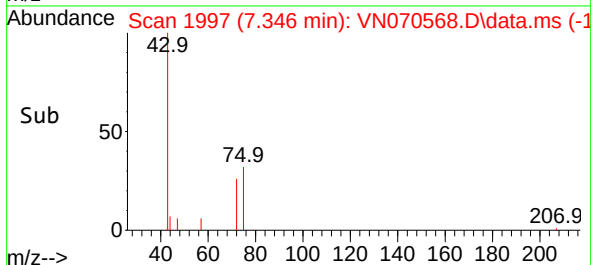
Tgt Ion: 75 Resp: 77684
Ion Ratio Lower Upper
75 100
110 7.9 18.4 55.2#
77 0.0 24.4 36.6#

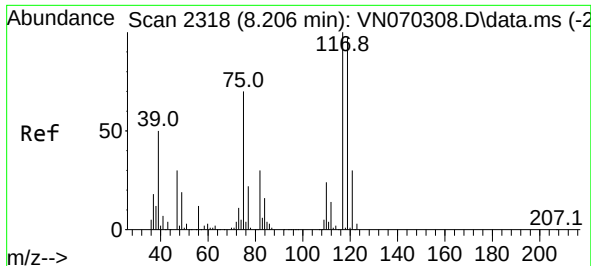


#37
Ethyl Acetate
Concen: 0.459 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. -0.066 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19



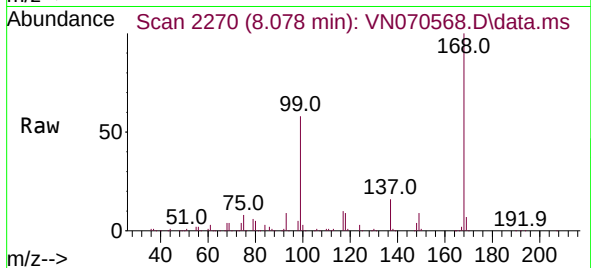
Tgt Ion: 43 Resp: 11480
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



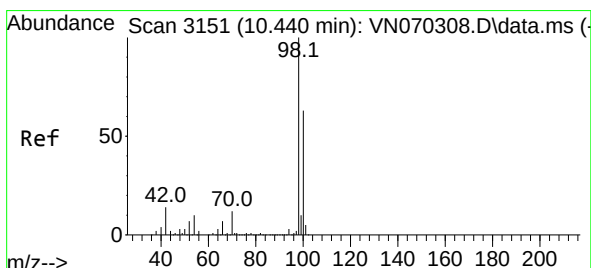
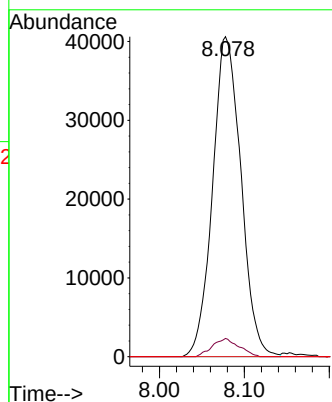
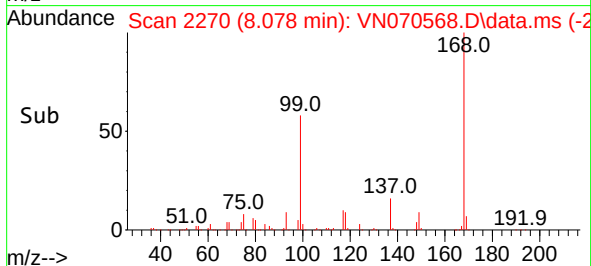


#38
Carbon Tetrachloride
Concen: 5.107 ug/l
RT: 8.078 min Scan# 211
Delta R.T. -0.128 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

Instrument :
MSVOA_N
ClientSampleId :

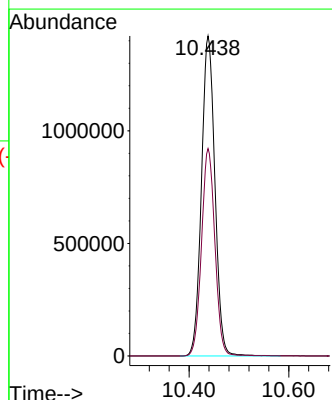
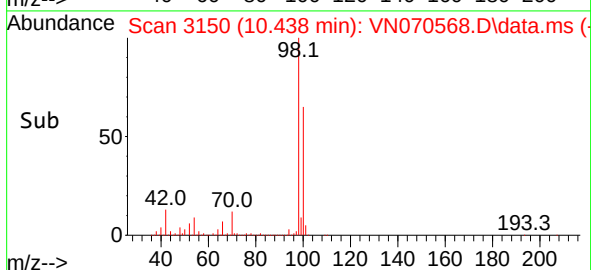
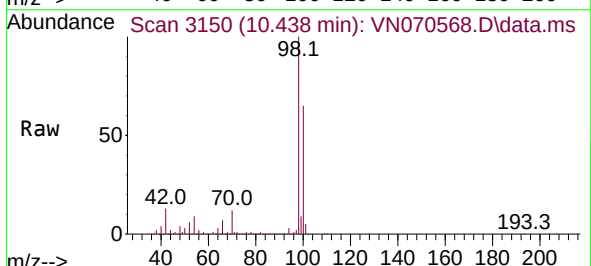


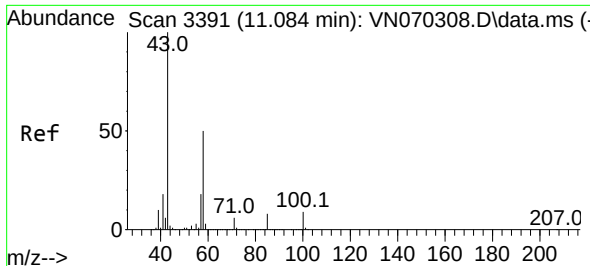
Tgt Ion:117 Resp: 94076
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.854 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

Tgt Ion: 98 Resp: 2660779
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

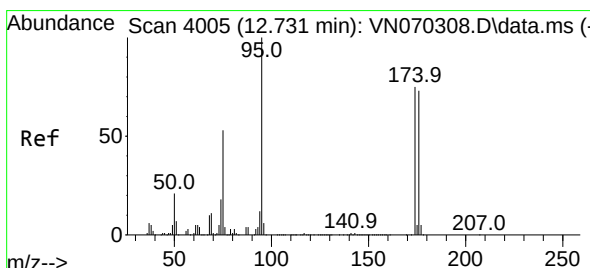
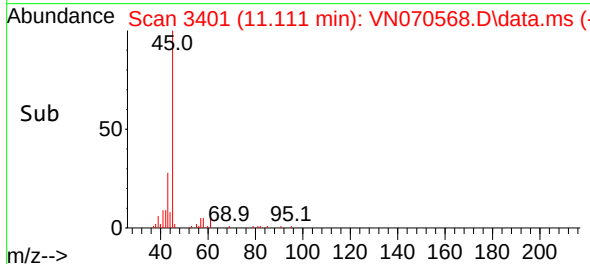
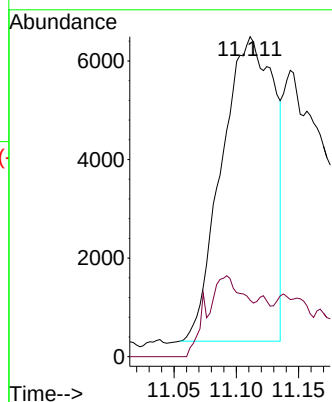
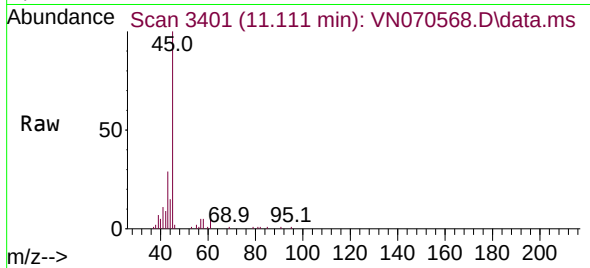




#59
2-Hexanone
Concen: 1.001 ug/l
RT: 11.111 min Scan# 3401
Delta R.T. 0.027 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

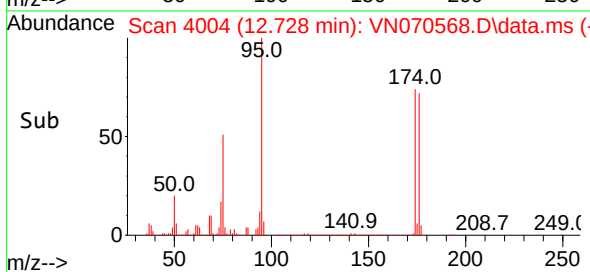
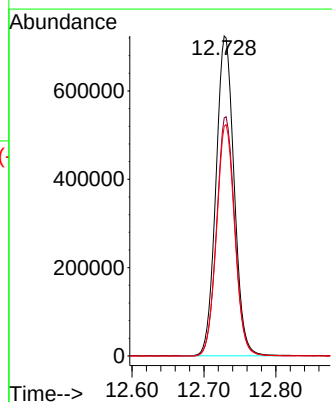
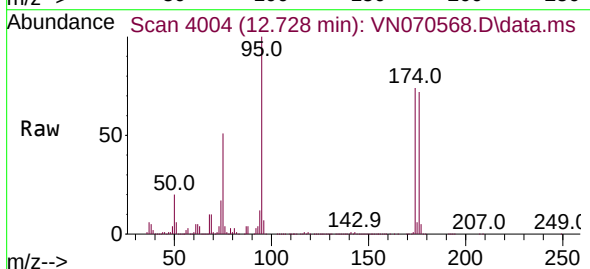
Instrument :
MSVOA_N
ClientSampleId :

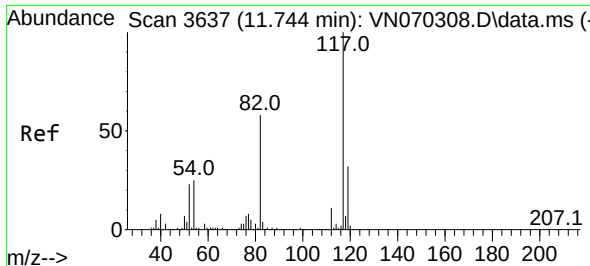
Tgt Ion: 43 Resp: 18082
Ion Ratio Lower Upper
43 100
58 8.3 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 73.614 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

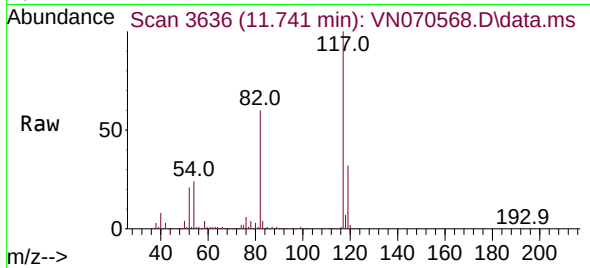
Tgt Ion: 95 Resp: 1266579
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.6 0.0 181.4



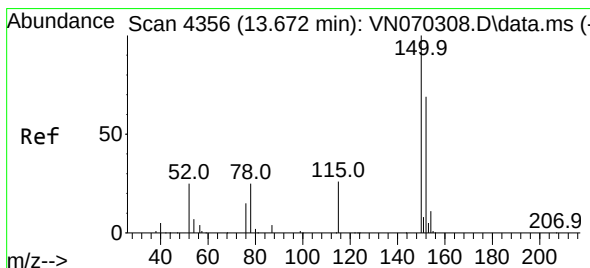
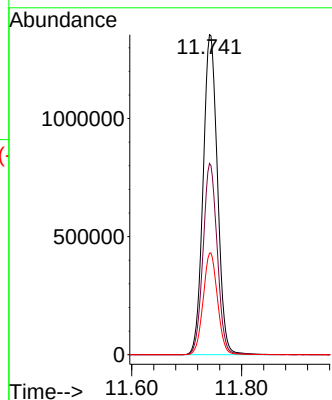
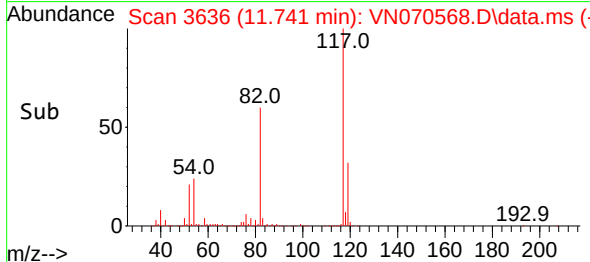


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

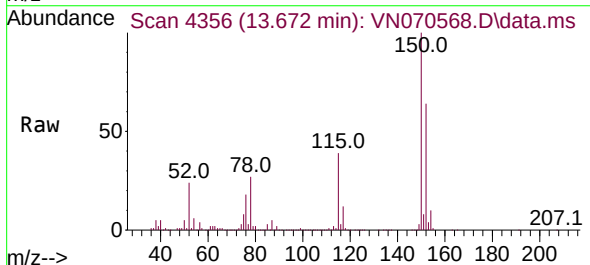
Instrument :
MSVOA_N
ClientSampleId :



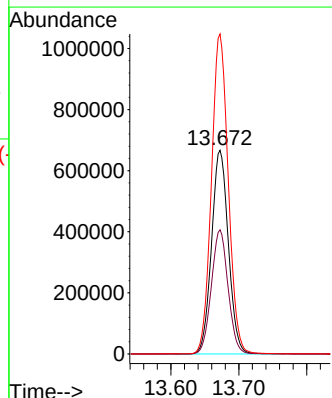
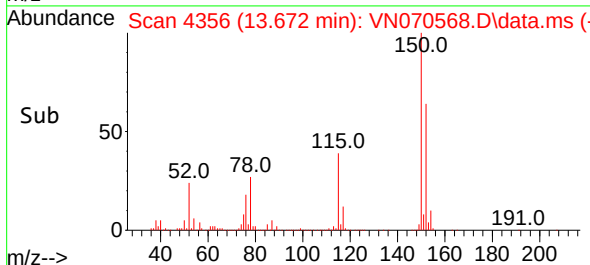
Tgt Ion:117 Resp: 2455583
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.7 25.4 38.2

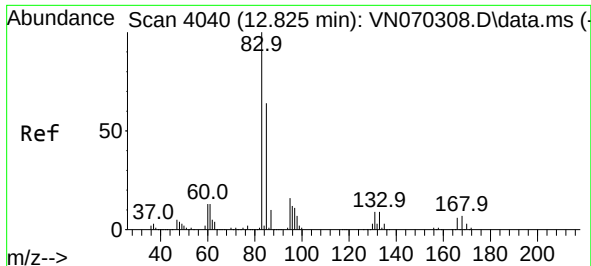


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19



Tgt Ion:152 Resp: 1146429
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 156.8 0.0 344.4

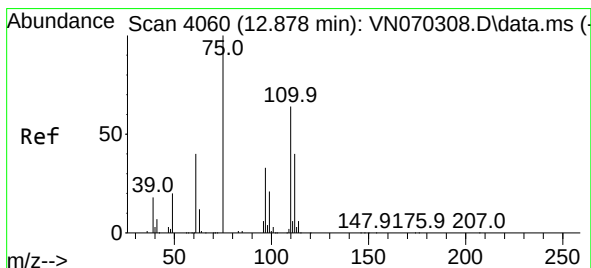
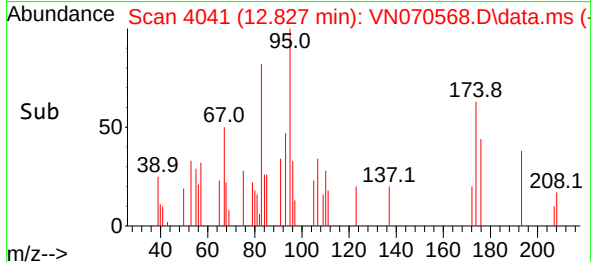
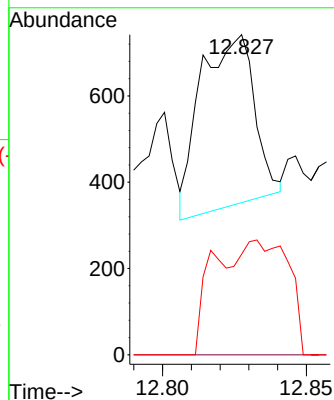
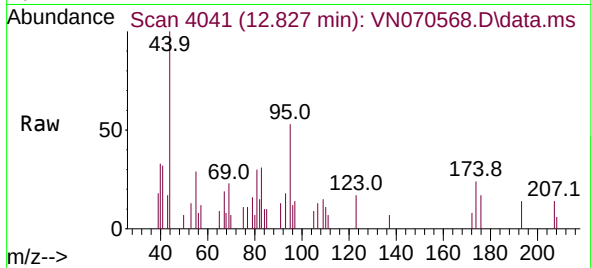




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.460 ug/l
 RT: 12.827 min Scan# 4040
 Delta R.T. 0.002 min
 Lab File: VN070568.D
 Acq: 11 Jan 2022 14:19

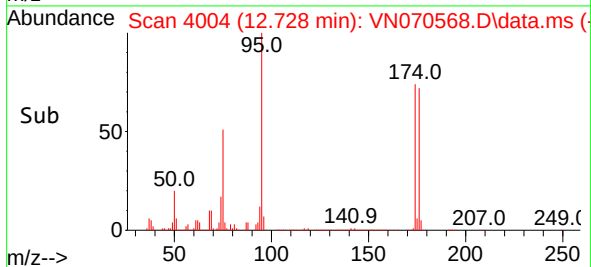
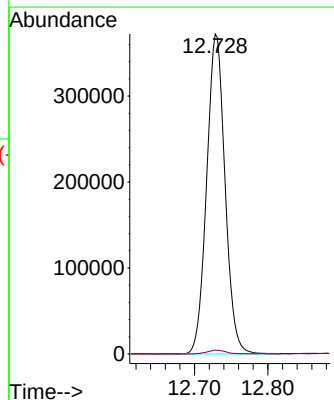
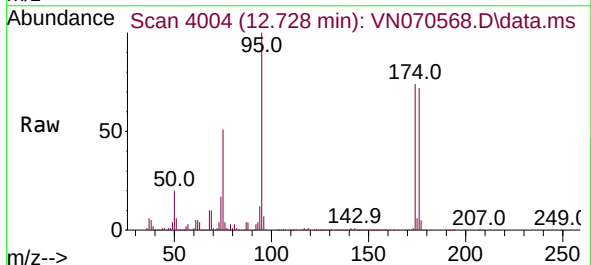
Instrument :
 MSVOA_N
 ClientSampleId :

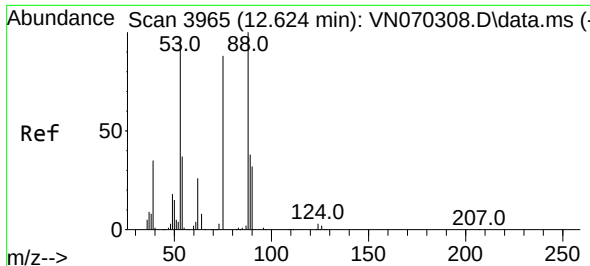
Tgt Ion: 83 Resp: 517
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 59.0 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 20.772 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. -0.150 min
 Lab File: VN070568.D
 Acq: 11 Jan 2022 14:19

Tgt Ion: 75 Resp: 647637
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

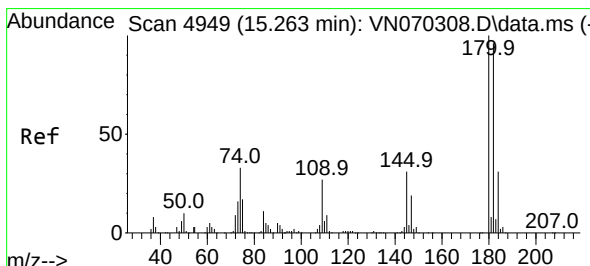
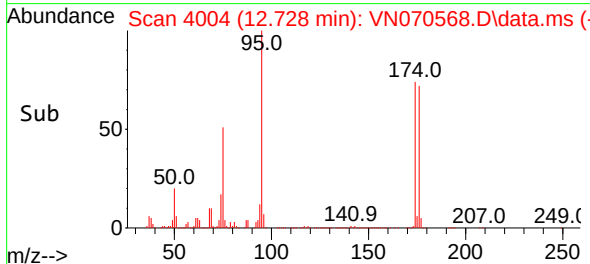
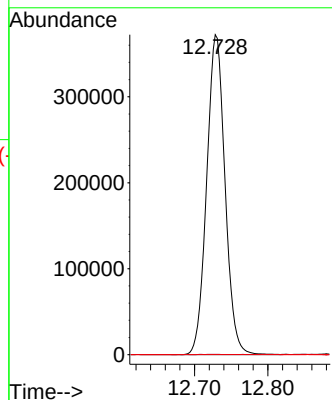
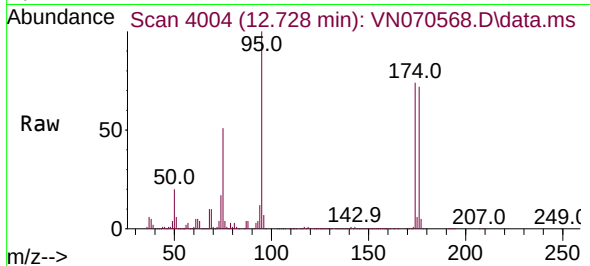




#81
trans-1,4-Dichloro-2-butene
Concen: 69.020 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

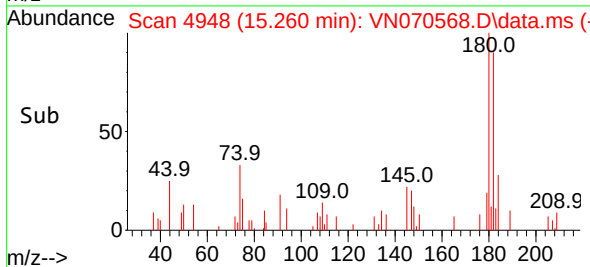
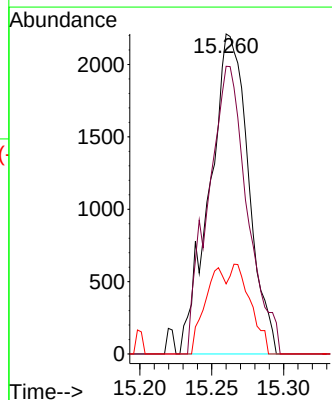
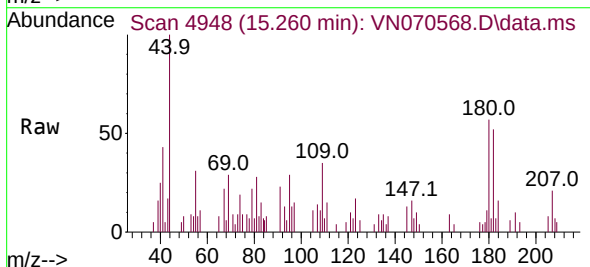
Instrument :
MSVOA_N
ClientSampleId :

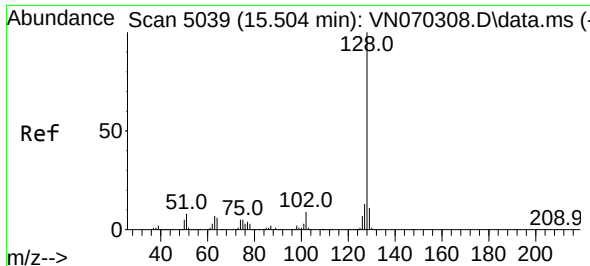
Tgt Ion: 75 Resp: 647637
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.219 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.003 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

Tgt Ion:180 Resp: 4142
Ion Ratio Lower Upper
180 100
182 90.6 48.3 144.9
145 14.8 14.5 43.5

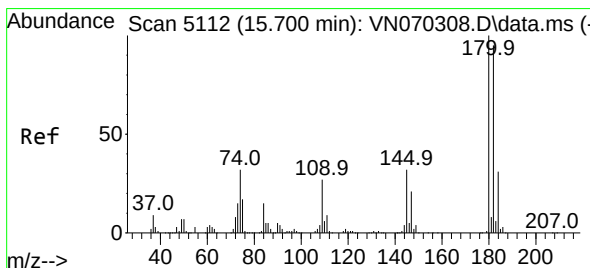
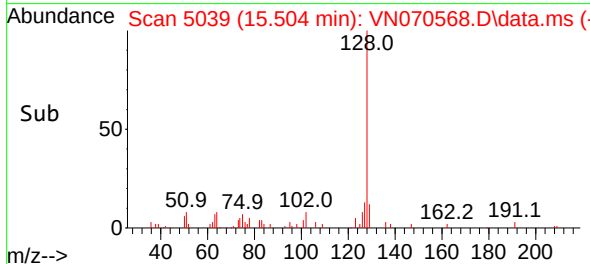
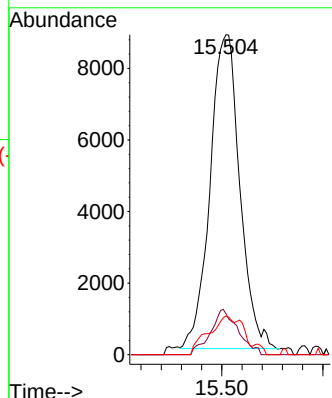
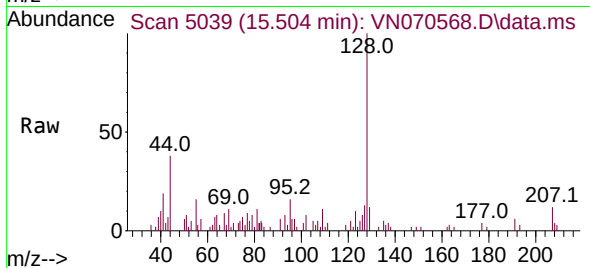




#95
Naphthalene
Concen: 2.128 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128	Resp:	17939
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.5 15.7
129	10.3	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.063 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070568.D
Acq: 11 Jan 2022 14:19

Tgt Ion:180	Resp:	4361
Ion Ratio	Lower	Upper
180	100	
182	92.0	47.4 142.2
145	36.2	15.0 45.1

