

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071922.D
 Acq On : 08 Apr 2022 18:20
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 09 05:07:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

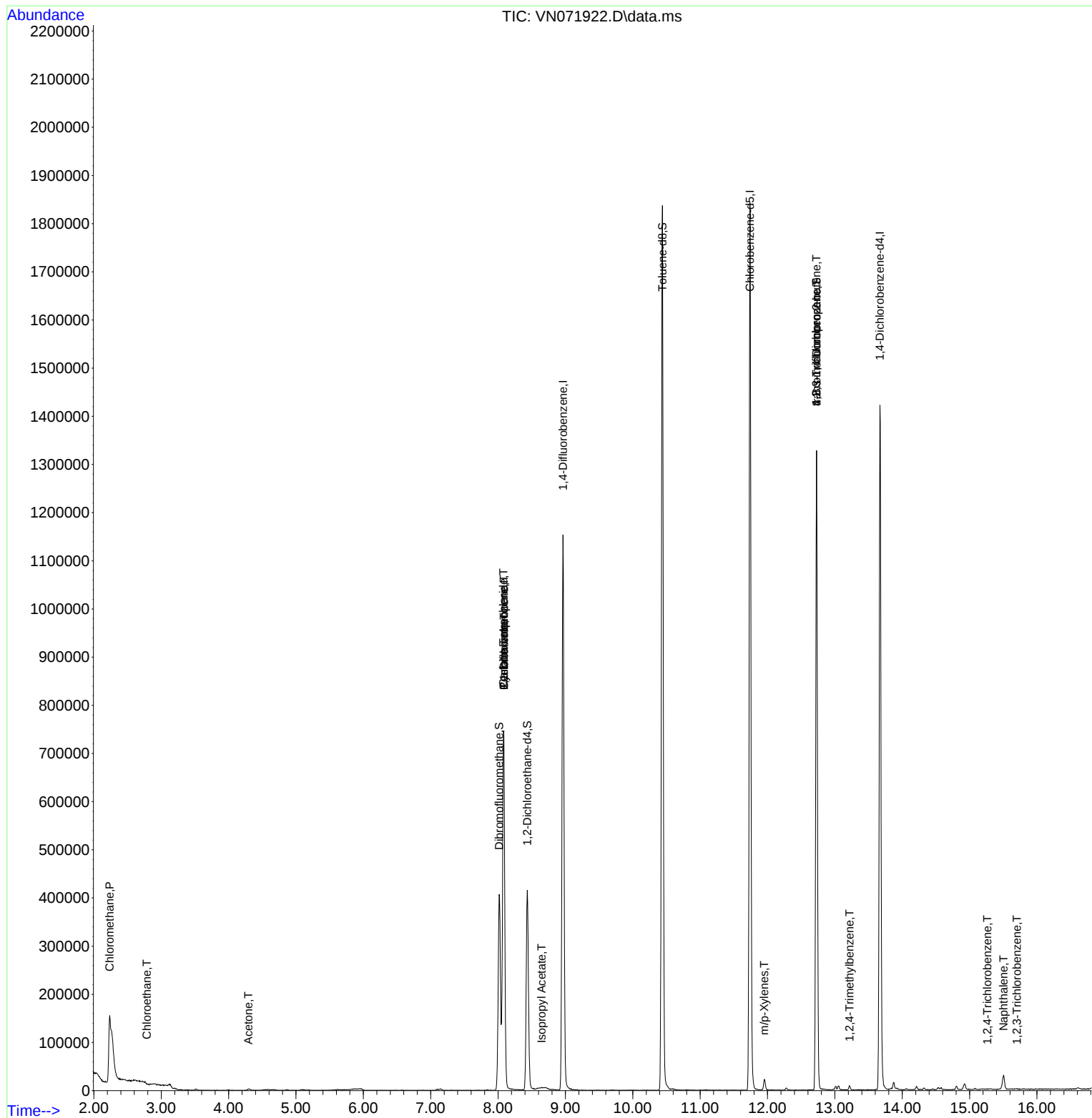
Internal Standards						
1) Pentafluorobenzene	8.087	168	627457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1070715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1140644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	436599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	345063	48.172	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.340%		
35) Dibromofluoromethane	8.016	113	305650	48.512	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.020%		
50) Toluene-d8	10.439	98	1350086	52.382	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.760%		
62) 4-Bromofluorobenzene	12.727	95	477499	57.283	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	114.560%		
Target Compounds						Qvalue
3) Chloromethane	2.234	50	4951	0.783	ug/l #	43
6) Chloroethane	2.787	64	5398	1.081	ug/l #	42
16) Acetone	4.293	43	2503	0.818	ug/l	96
18) Methyl Acetate	4.869	43	2136	Below Cal	#	64
31) Cyclohexane	8.087	56	10473	1.075	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	42711	4.854	ug/l #	48
38) Carbon Tetrachloride	8.081	117	55608	6.449	ug/l #	16
43) Isopropyl Acetate	8.645	43	7650	0.478	ug/l #	53
68) m/p-Xylenes	11.951	106	7235	0.487	ug/l	87
76) 1,2,3-Trichloropropane	12.727	75	229303	22.672	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	229303	70.258	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.216	105	6629	0.233	ug/l	73
93) 1,2,4-Trichlorobenzene	15.263	180	484	2.153	ug/l	89
95) Naphthalene	15.504	128	35632	5.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.704	180	544	2.491	ug/l	94

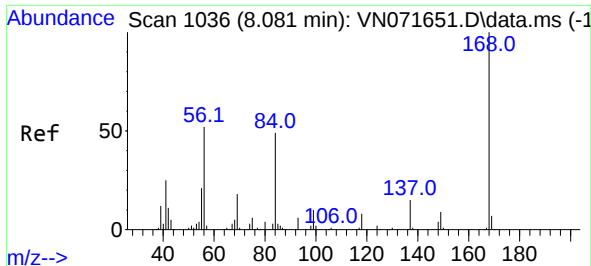
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 09 05:07:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

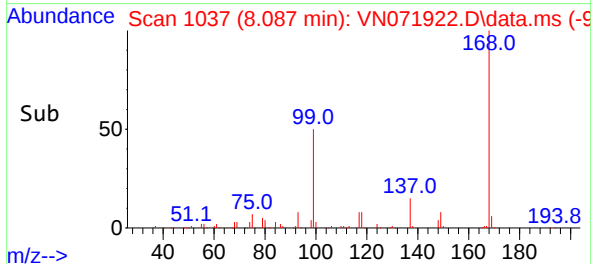
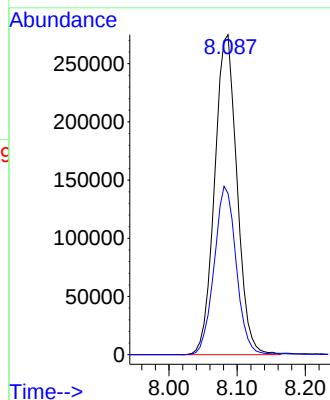
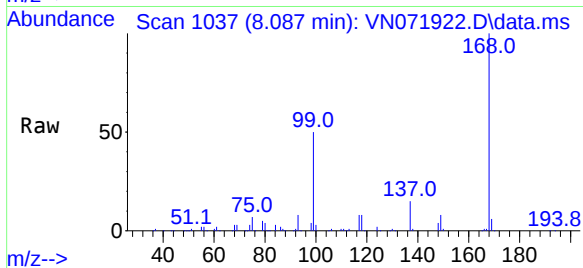




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

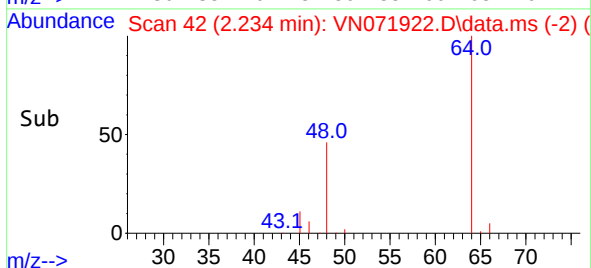
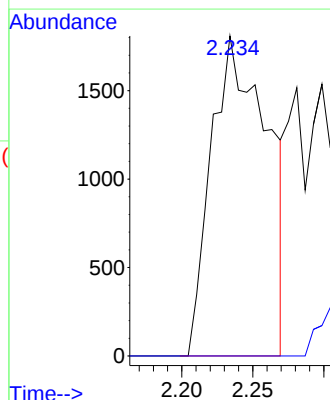
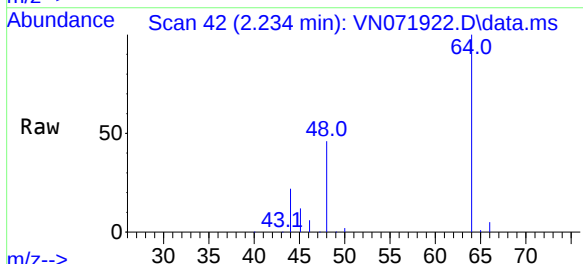
Instrument :
MSVOA_N
ClientSampleId :

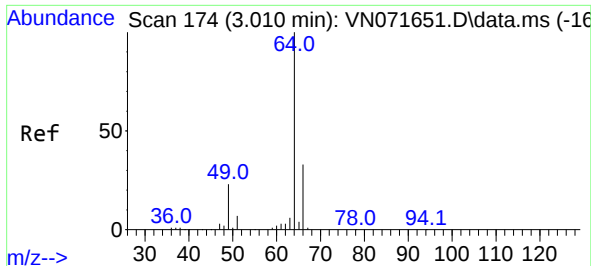
Tgt Ion:168 Resp: 627457
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5



#3
Chloromethane
Concen: 0.783 ug/l
RT: 2.234 min Scan# 42
Delta R.T. -0.065 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

Tgt Ion: 50 Resp: 4951
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

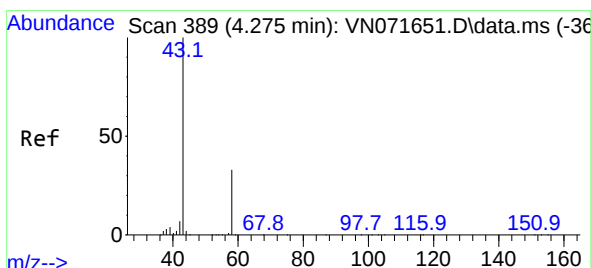
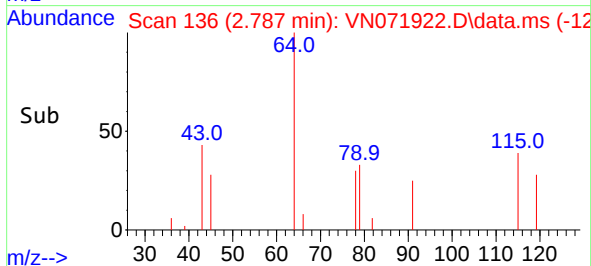
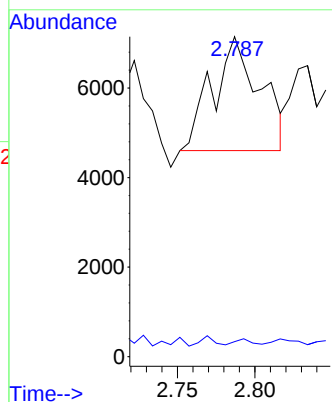
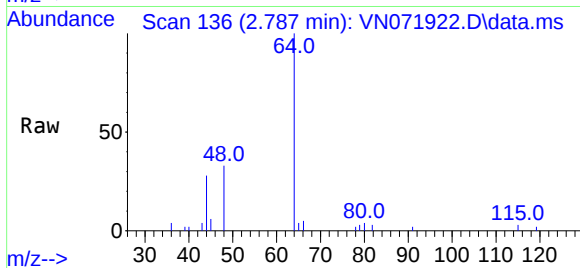




#6
Chloroethane
Concen: 1.081 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.223 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

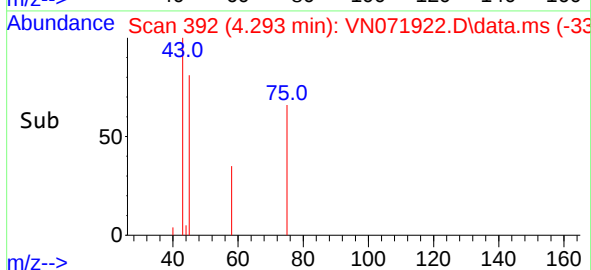
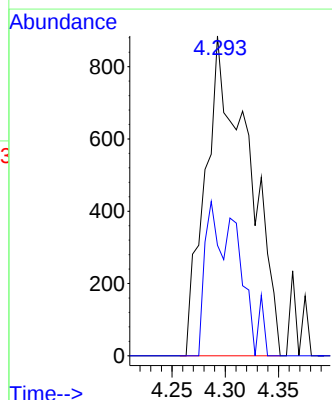
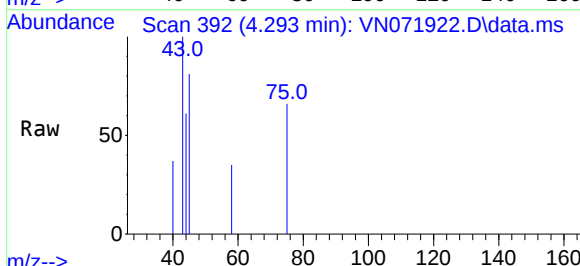
Instrument :
MSVOA_N
ClientSampleId :

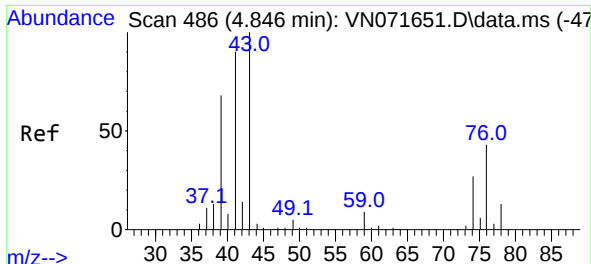
Tgt Ion: 64 Resp: 5398
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.818 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

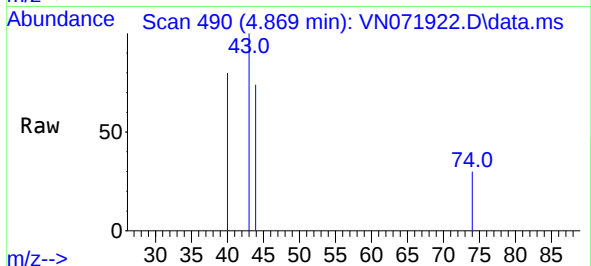
Tgt Ion: 43 Resp: 2503
Ion Ratio Lower Upper
43 100
58 34.6 26.0 39.0



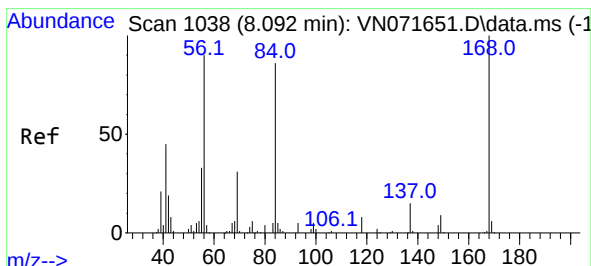
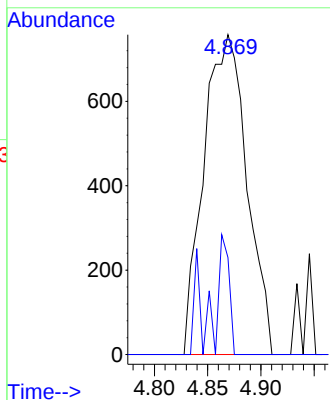
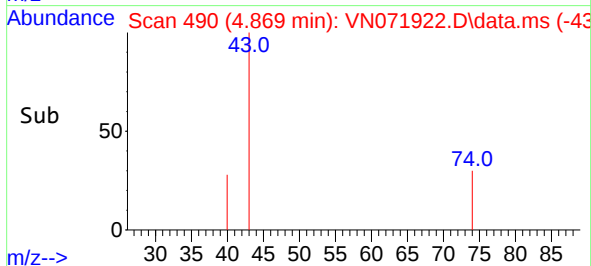


#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

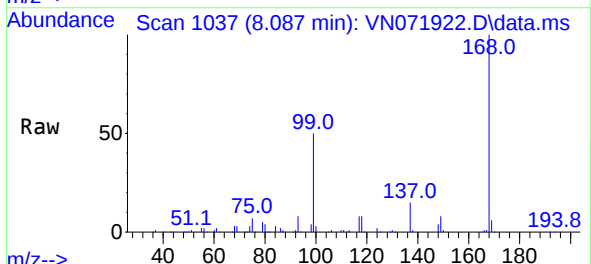
Instrument :
MSVOA_N
ClientSampleId :



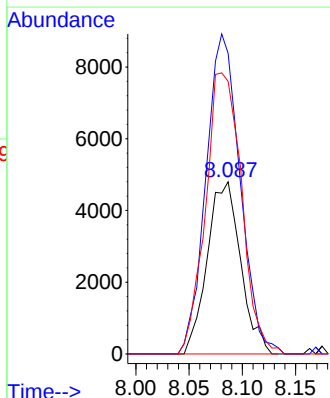
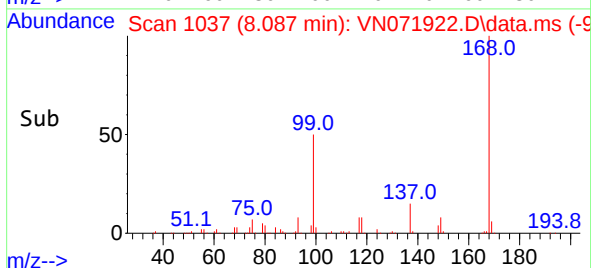
Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
74 8.5 21.6 32.4#

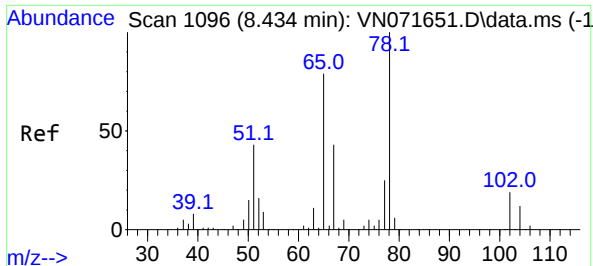


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20



Tgt Ion: 56 Resp: 10473
Ion Ratio Lower Upper
56 100
69 174.7 27.8 41.8#
84 158.4 76.9 115.3#

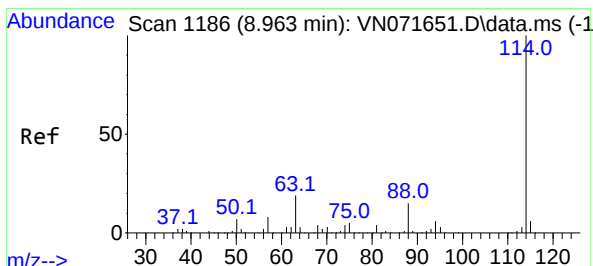
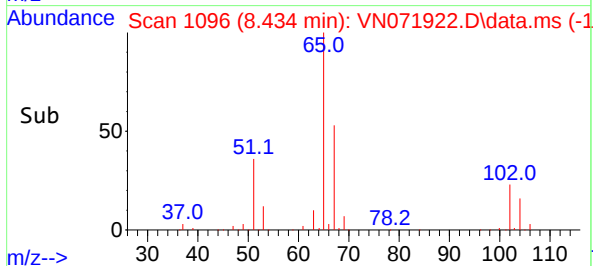
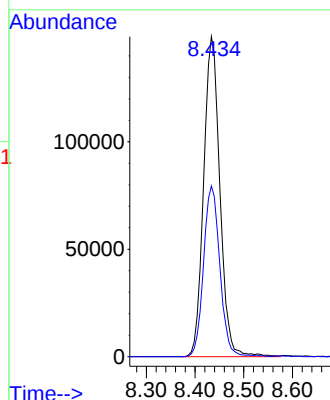
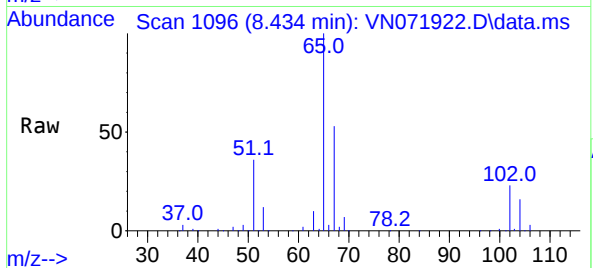




#33
1,2-Dichloroethane-d4
Concen: 48.172 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

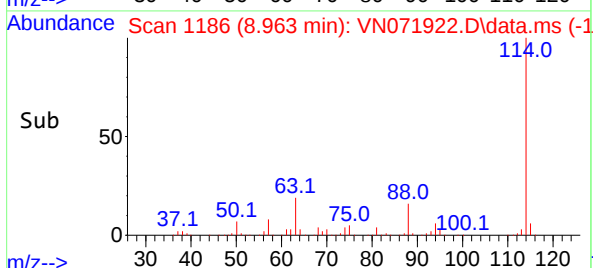
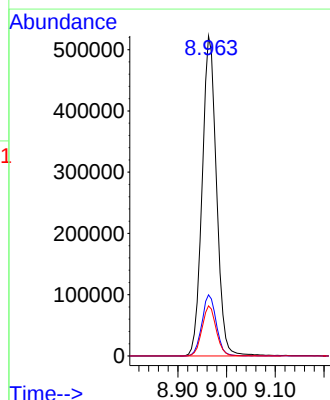
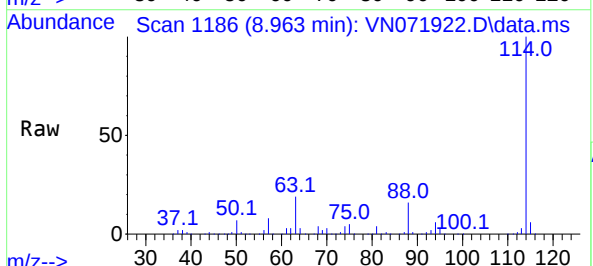
Instrument :
MSVOA_N
ClientSampleId :

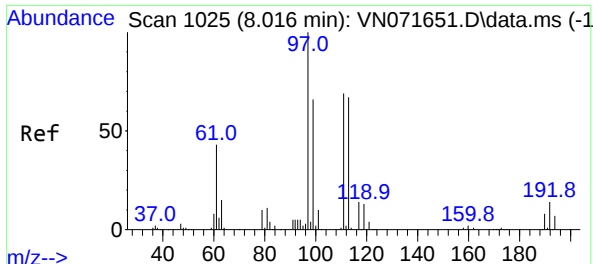
Tgt Ion: 65 Resp: 345063
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

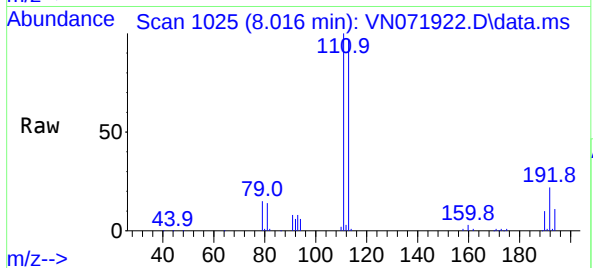
Tgt Ion: 114 Resp: 1070715
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.7 0.0 32.6



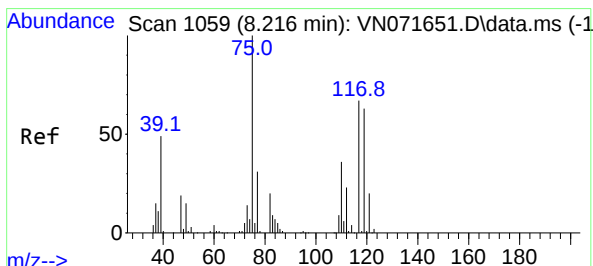
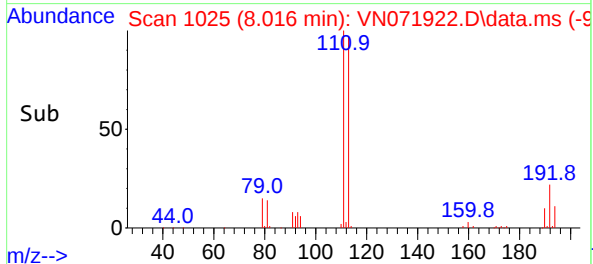
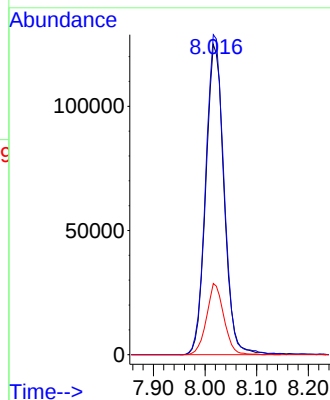


#35
Dibromofluoromethane
Concen: 48.512 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :

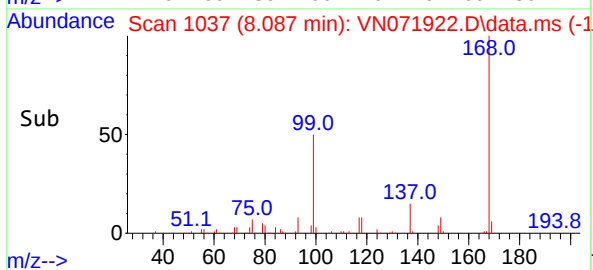
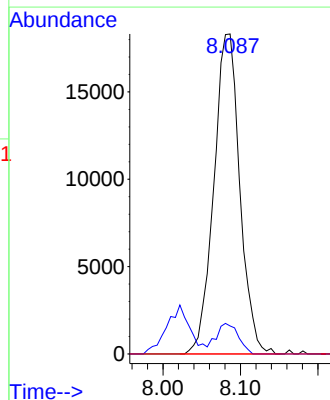
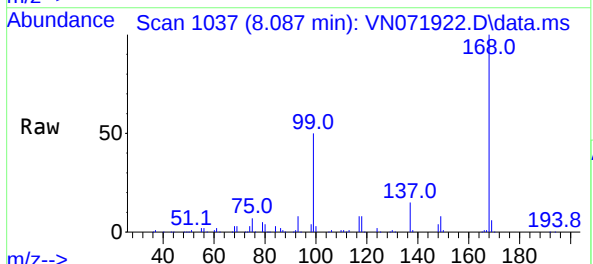


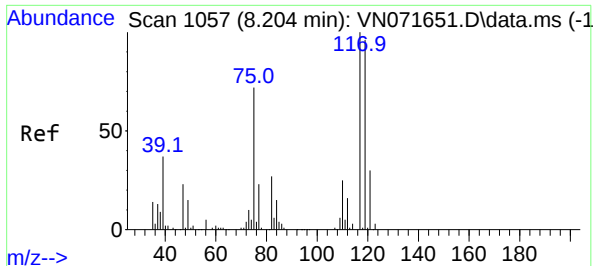
Tgt Ion:113 Resp: 305650
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 21.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

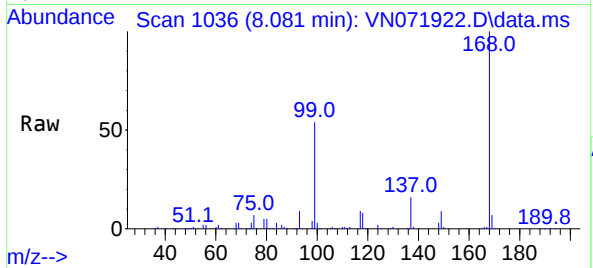
Tgt Ion: 75 Resp: 42711
Ion Ratio Lower Upper
75 100
110 8.1 18.3 54.8#
77 0.0 25.1 37.7#



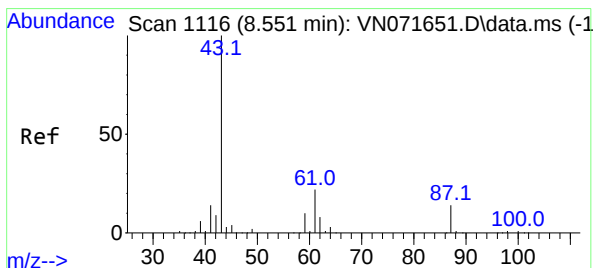
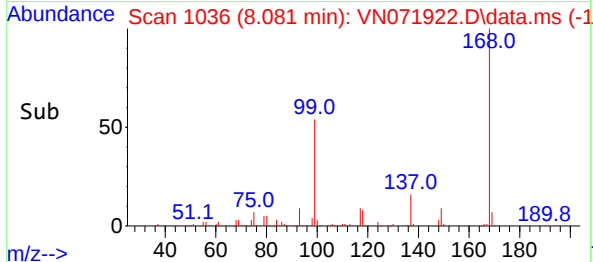
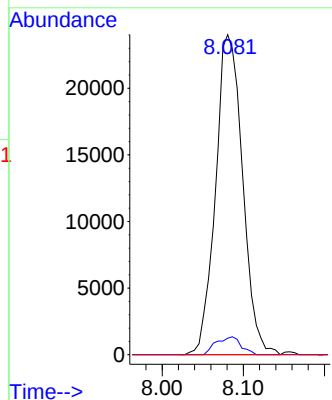


#38
Carbon Tetrachloride
Concen: 6.449 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

Instrument :
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ClientSampleId :

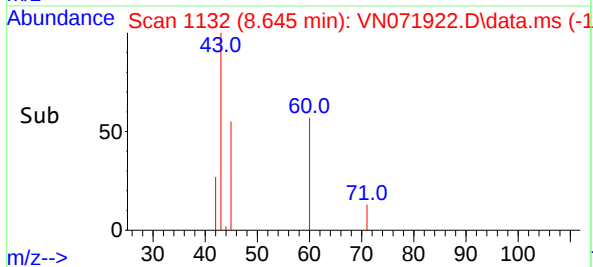
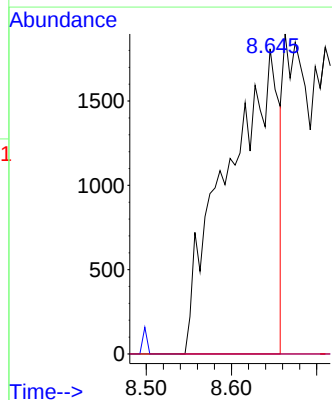
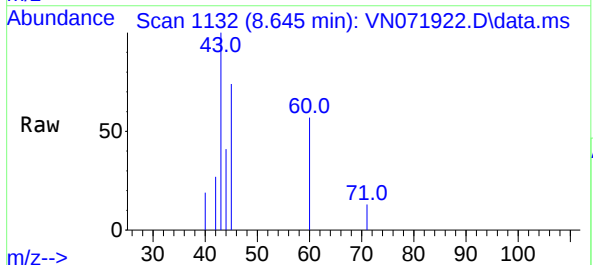


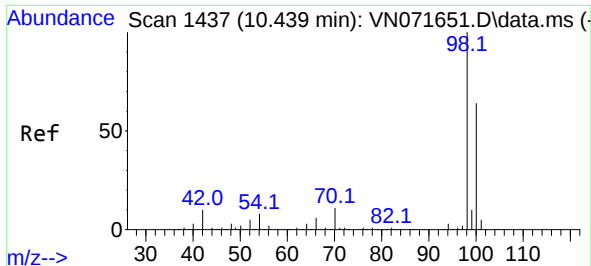
Tgt Ion:117 Resp: 55608
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.478 ug/l
RT: 8.645 min Scan# 1132
Delta R.T. 0.094 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

Tgt Ion: 43 Resp: 7650
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

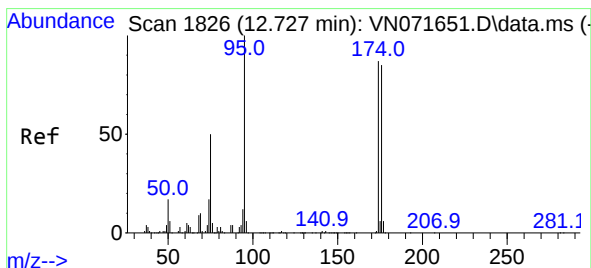
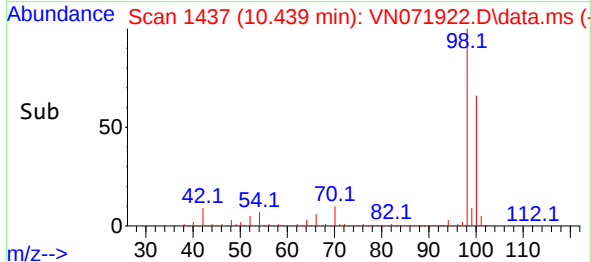
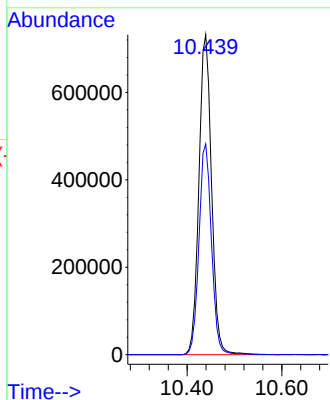
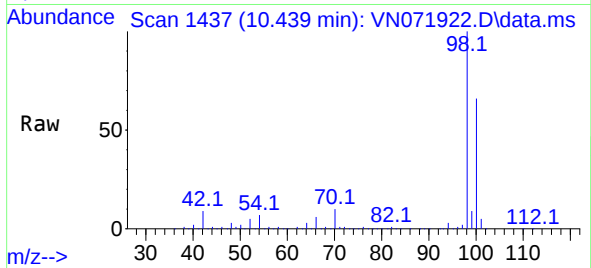




#50
Toluene-d8
Concen: 52.382 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

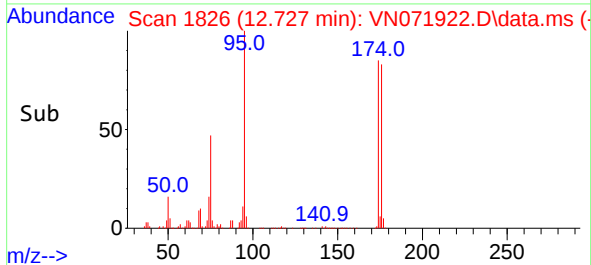
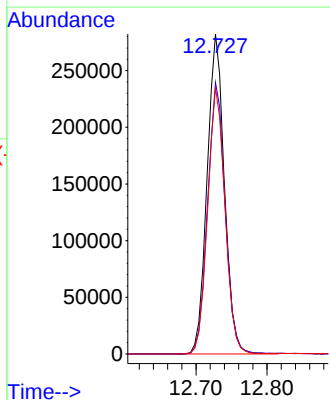
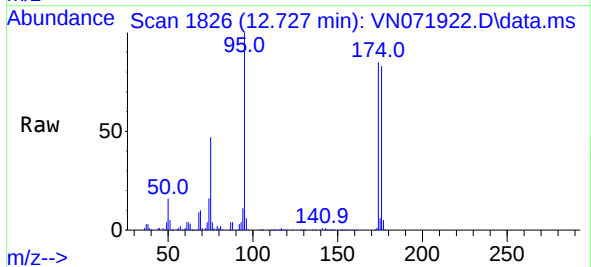
Instrument :
MSVOA_N
ClientSampleId :

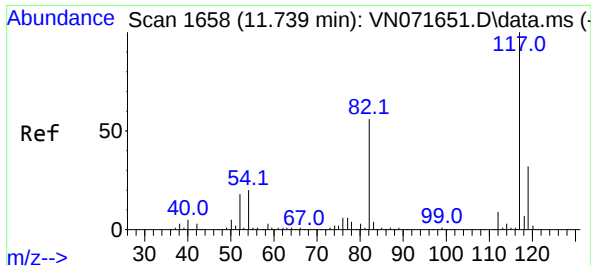
Tgt Ion: 98 Resp: 1350086
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.283 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

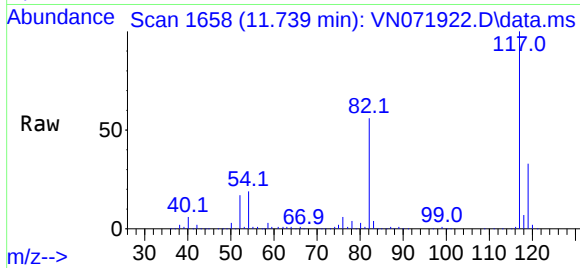
Tgt Ion: 95 Resp: 477499
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 83.4 0.0 163.4



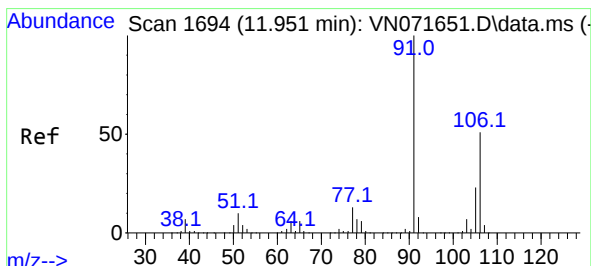
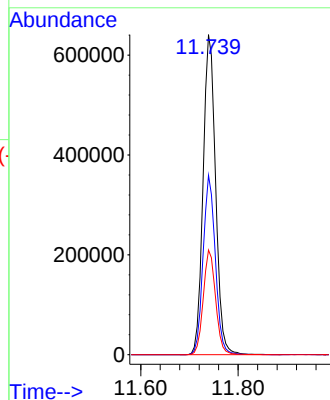
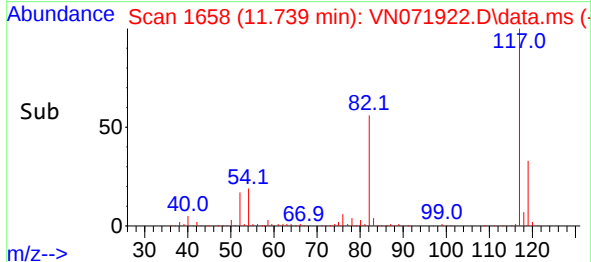


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :

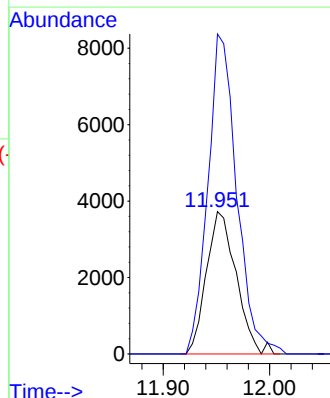
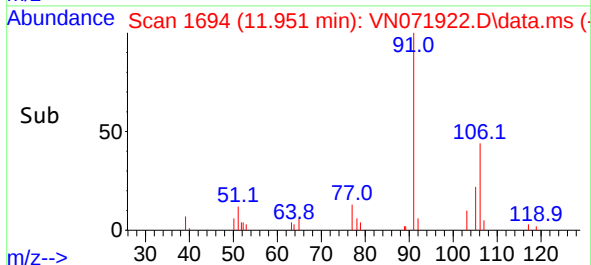
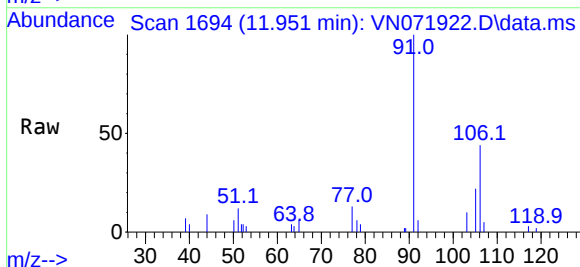


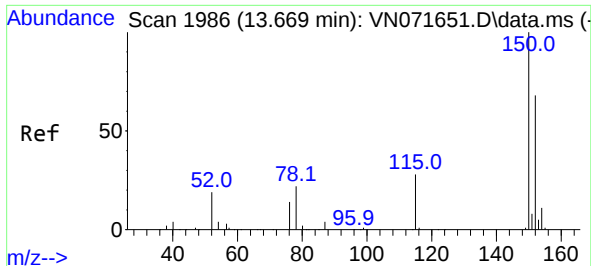
Tgt Ion:117 Resp: 1140644
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.7 25.4 38.0



#68
m/p-Xylenes
Concen: 0.487 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

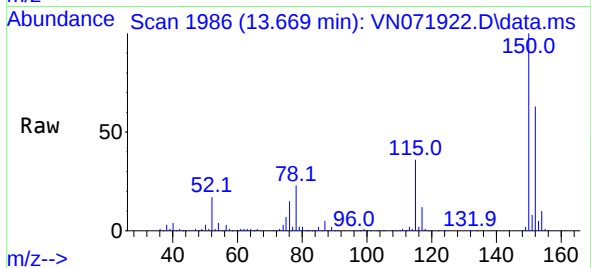
Tgt Ion:106 Resp: 7235
Ion Ratio Lower Upper
106 100
91 217.8 158.9 238.3



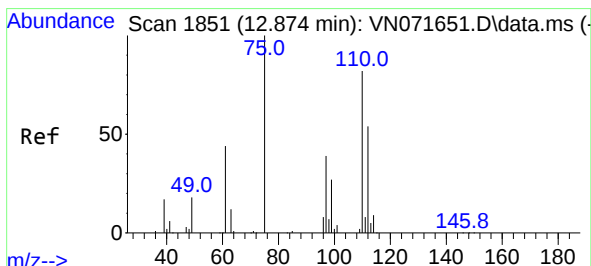
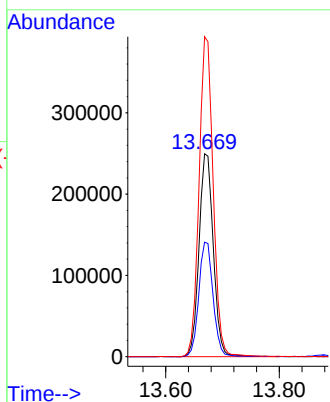
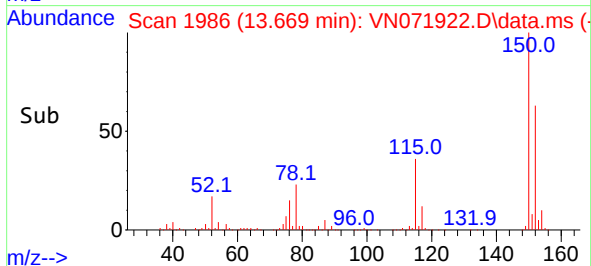


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :

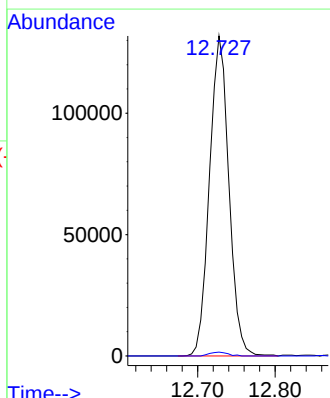
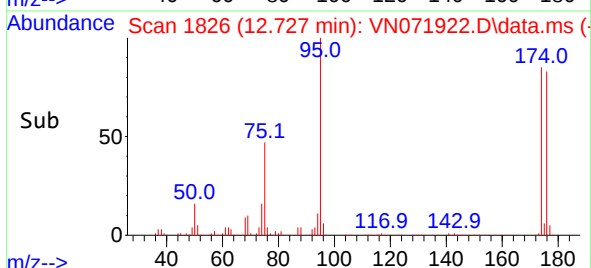
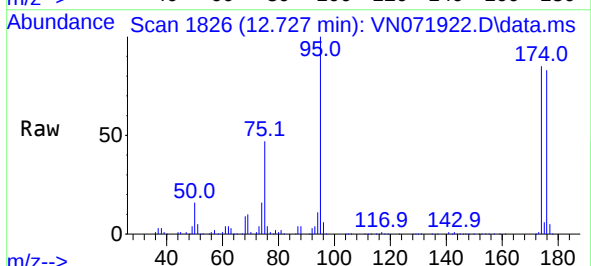


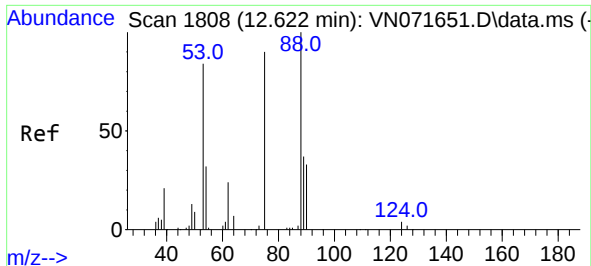
Tgt Ion:152 Resp: 436599
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 155.7 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 22.672 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

Tgt Ion: 75 Resp: 229303
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

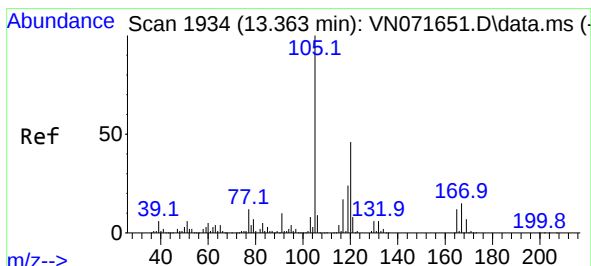
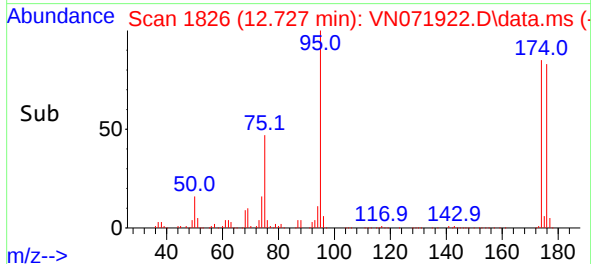
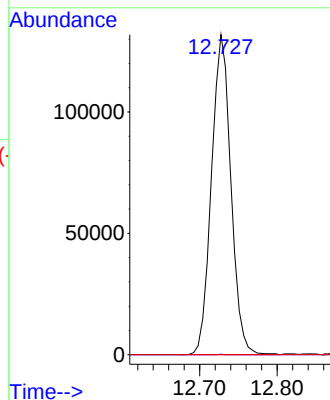
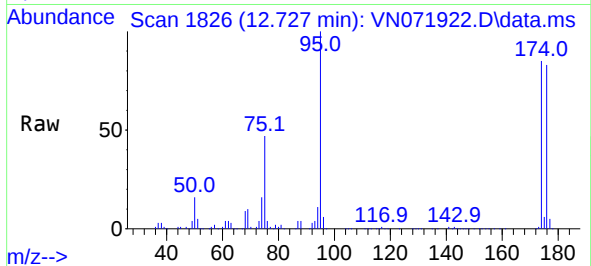




#81
trans-1,4-Dichloro-2-butene
Concen: 70.258 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.105 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

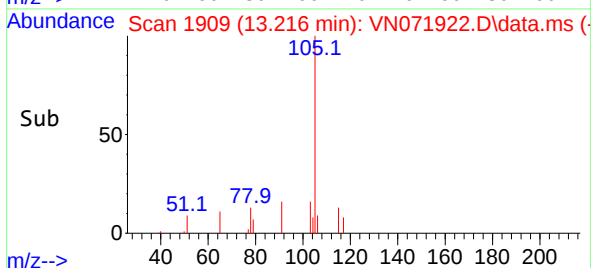
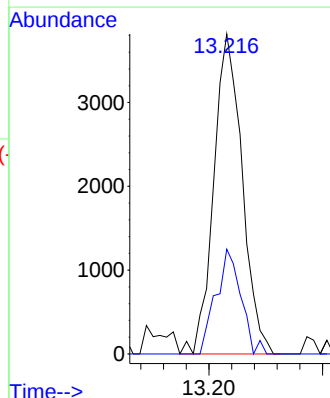
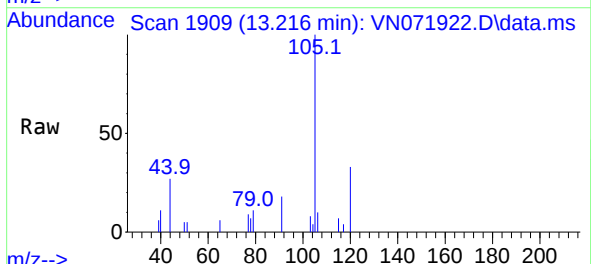
Instrument :
MSVOA_N
ClientSampleId :

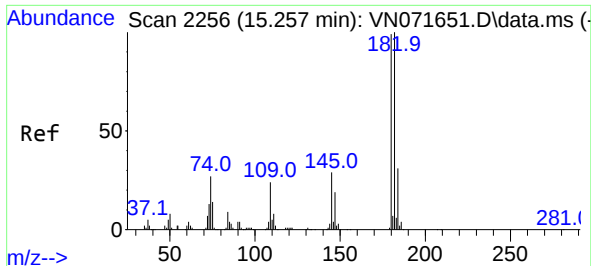
Tgt Ion: 75 Resp: 229303
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.233 ug/l
RT: 13.216 min Scan# 1909
Delta R.T. -0.147 min
Lab File: VN071922.D
Acq: 08 Apr 2022 18:20

Tgt Ion:105 Resp: 6629
Ion Ratio Lower Upper
105 100
120 28.8 23.3 69.8





#93

1,2,4-Trichlorobenzene

Concen: 2.153 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071922.D

Acq: 08 Apr 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

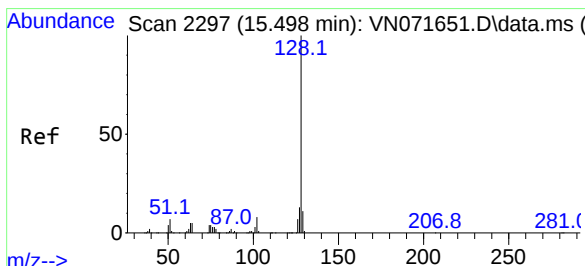
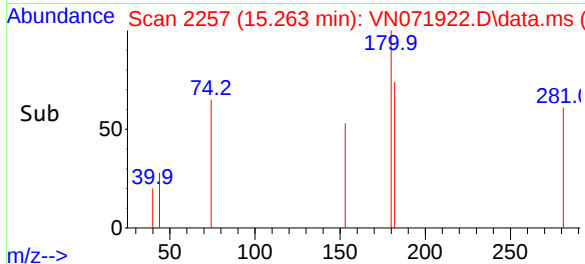
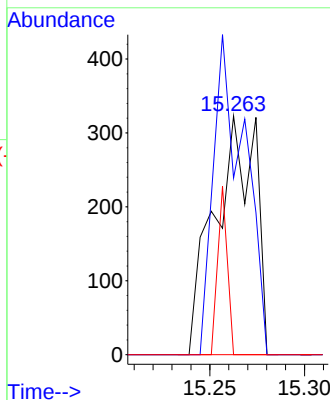
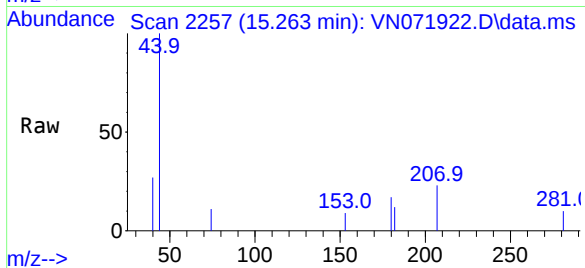
Tgt Ion:180 Resp: 484

Ion Ratio Lower Upper

180 100

182 101.9 47.5 142.5

145 16.5 14.5 43.5



#95

Naphthalene

Concen: 5.459 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN071922.D

Acq: 08 Apr 2022 18:20

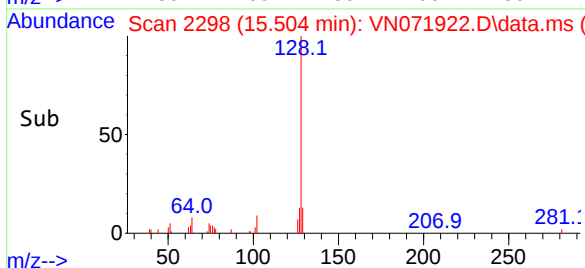
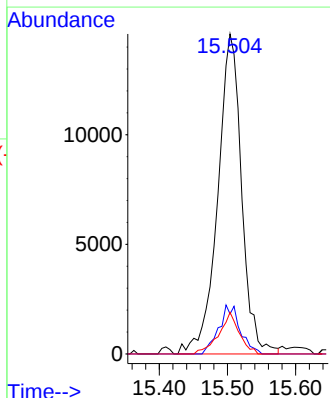
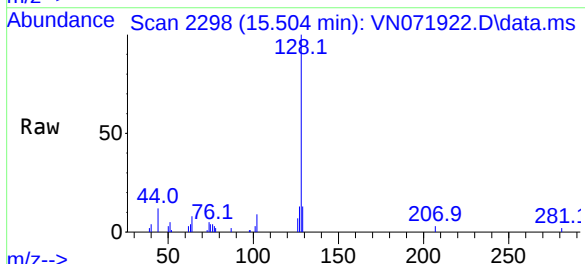
Tgt Ion:128 Resp: 35632

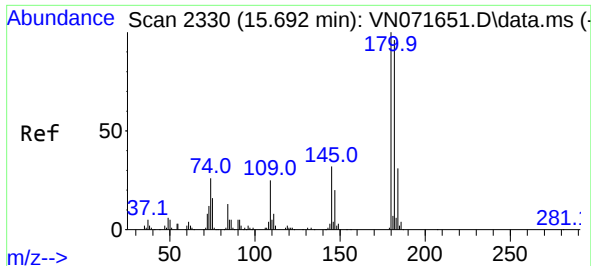
Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

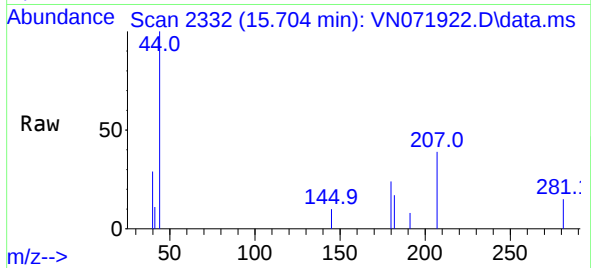
129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.491 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN071922.D
 Acq: 08 Apr 2022 18:20

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	544
Ion	Ratio	Lower	Upper
180	100		
182	90.3	47.8	143.3
145	25.6	15.5	46.5

