

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071305.D
 Acq On : 15 Mar 2022 20:28
 Operator : JC\MD
 Sample : N1886-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2822-B

Quant Time: Mar 16 08:08:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

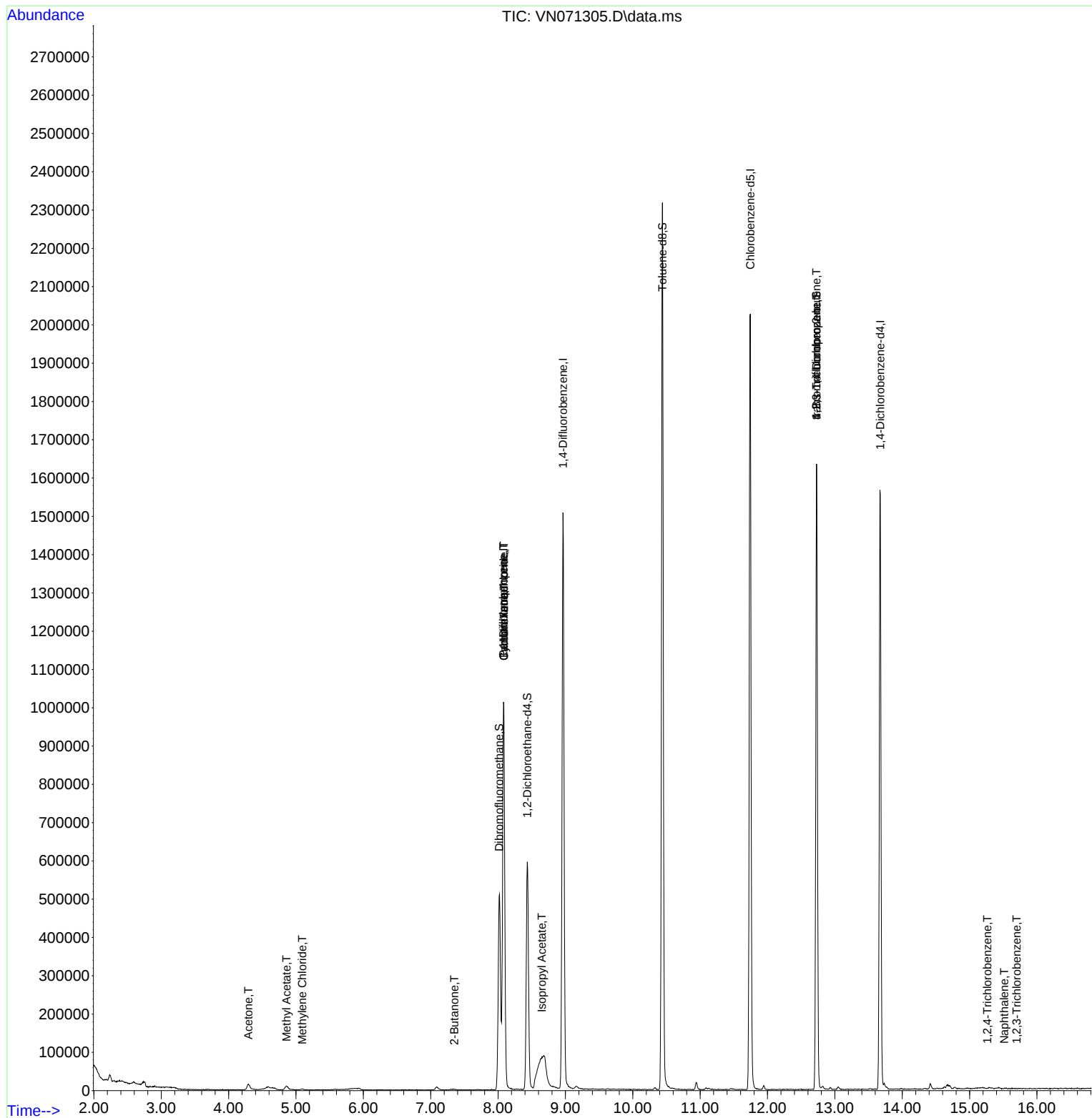
Internal Standards						
1) Pentafluorobenzene	8.080	168	772103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1298109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1193809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	431355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	496616	46.930	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.860%		
35) Dibromofluoromethane	8.016	113	387124	47.259	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.520%		
50) Toluene-d8	10.439	98	1580592	47.924	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.840%		
62) 4-Bromofluorobenzene	12.727	95	572104	51.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.460%		
Target Compounds						
5) Bromomethane	2.851	94	667	Below Cal		88
16) Acetone	4.292	43	27249	5.292	ug/l	96
18) Methyl Acetate	4.857	43	22853	2.107	ug/l	95
20) Methylene Chloride	5.092	84	1190	0.507	ug/l #	63
25) 2-Butanone	7.351	43	3735	0.450	ug/l #	48
31) Cyclohexane	8.086	56	17515	1.036	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	62659	4.774	ug/l #	48
38) Carbon Tetrachloride	8.086	117	77318	6.091	ug/l #	16
43) Isopropyl Acetate	8.651	43	156855	5.807	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.762	83	53	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	293641	26.776	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	293641	73.588	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	70	2.999	ug/l #	1
95) Naphthalene	15.515	128	411	5.086	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.698	180	109	2.747	ug/l #	12

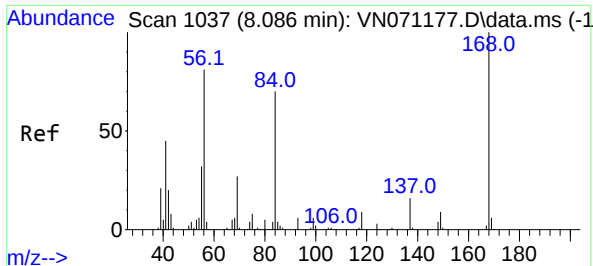
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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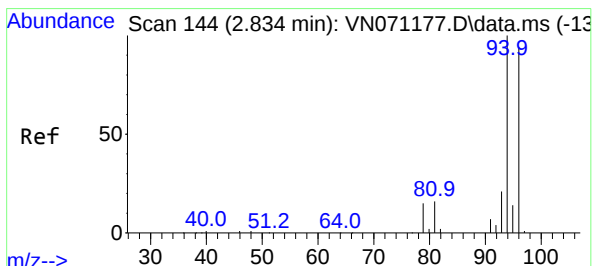
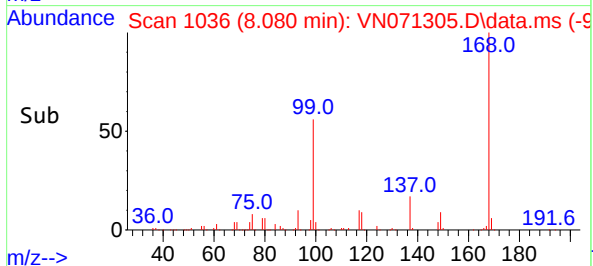
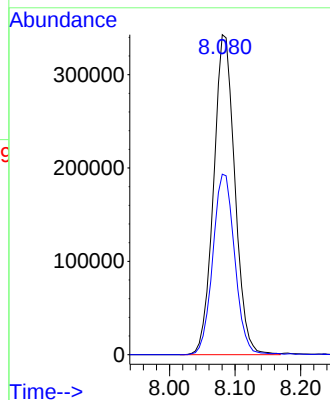
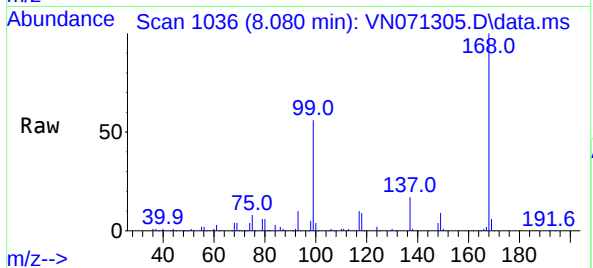




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

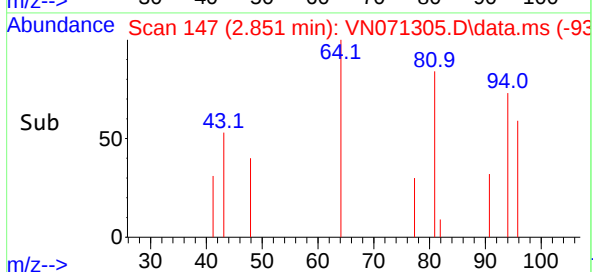
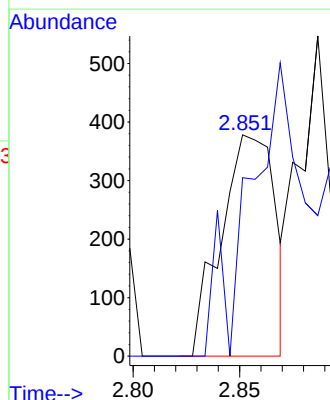
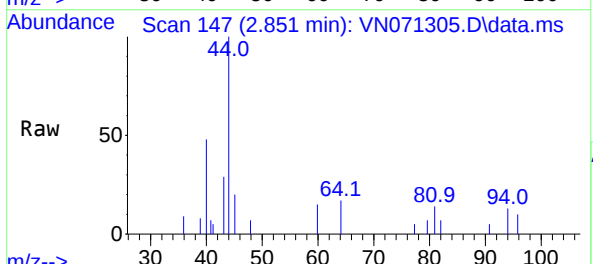
Instrument :
MSVOA_N
ClientSampleId :
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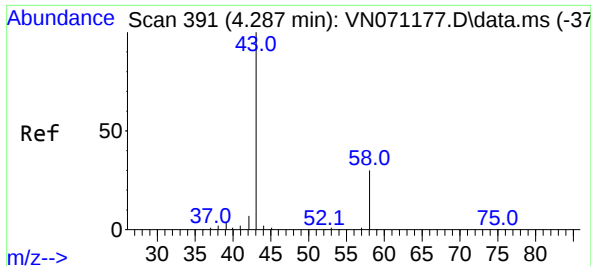
Tgt Ion:168 Resp: 772103
Ion Ratio Lower Upper
168 100
99 56.4 41.3 61.9



#5
Bromomethane
Concen: Below Cal
RT: 2.851 min Scan# 147
Delta R.T. 0.017 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

Tgt Ion: 94 Resp: 667
Ion Ratio Lower Upper
94 100
96 80.7 73.8 110.8

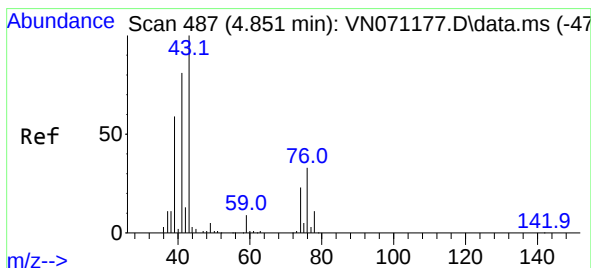
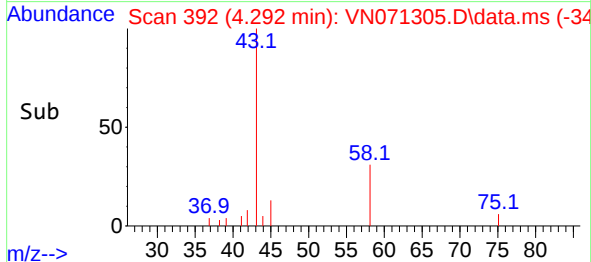
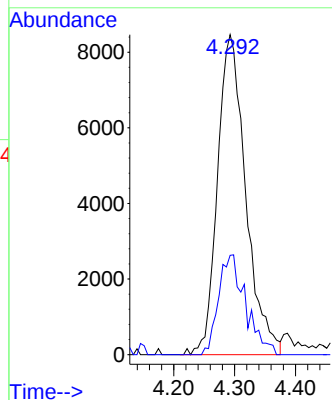
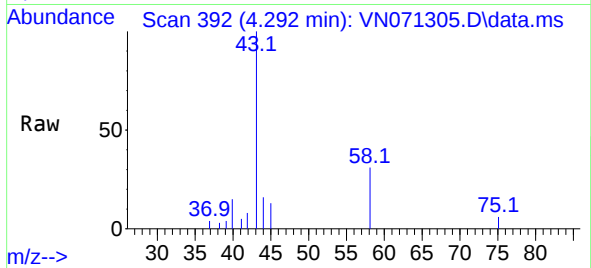




#16
Acetone
Concen: 5.292 ug/l
RT: 4.292 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

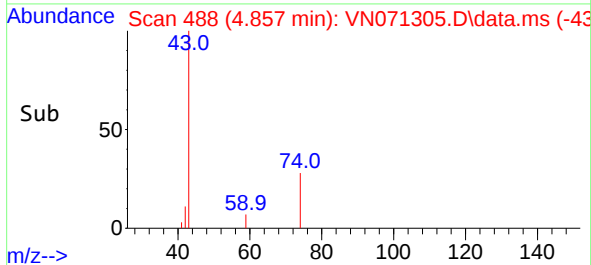
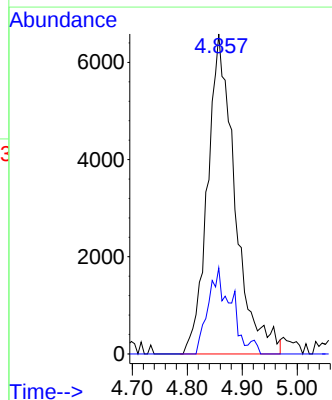
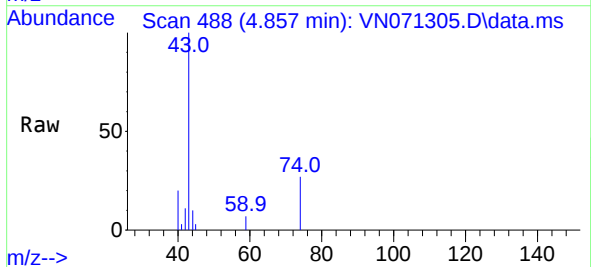
Instrument :
MSVOA_N
ClientSampleId :
2822-B

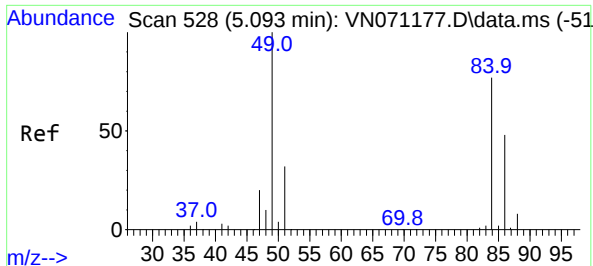
Tgt Ion: 43 Resp: 27249
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7



#18
Methyl Acetate
Concen: 2.107 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

Tgt Ion: 43 Resp: 22853
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2

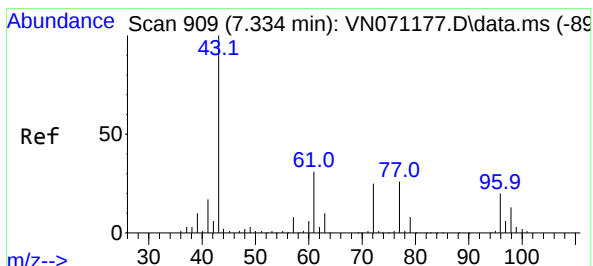
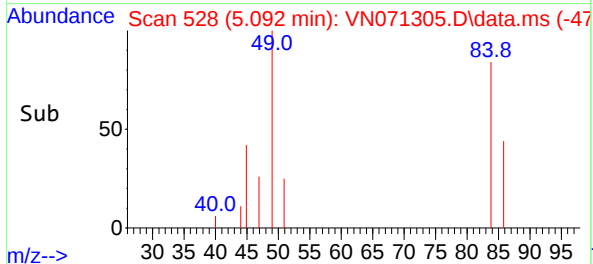
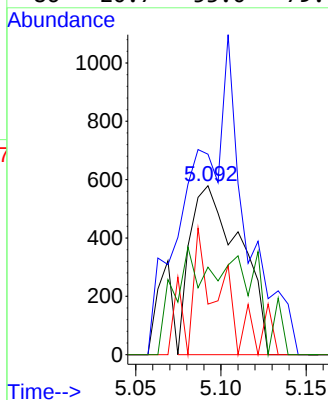
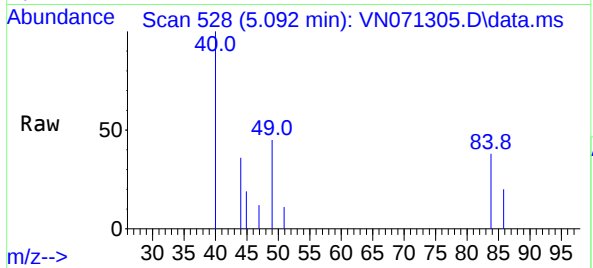




#20
Methylene Chloride
Concen: 0.507 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

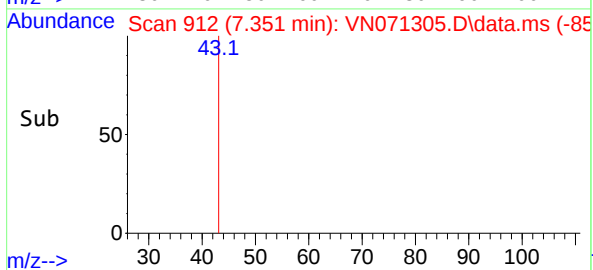
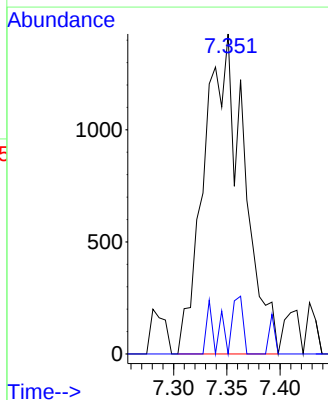
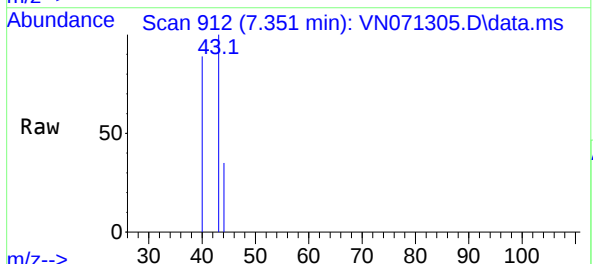
Instrument :
MSVOA_N
ClientSampleId :
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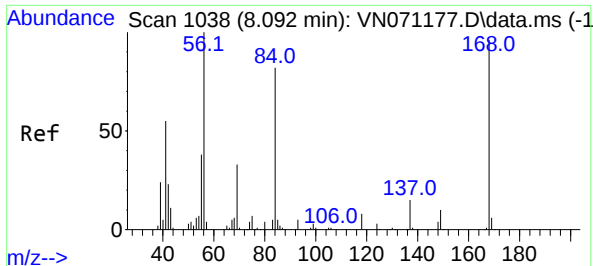
Tgt Ion:	84	Resp:	1190
Ion	Ratio	Lower	Upper
84	100		
49	80.8	93.5	140.3#
51	29.9	29.4	44.2
86	20.7	53.0	79.4#



#25
2-Butanone
Concen: 0.450 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.018 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

Tgt Ion:	43	Resp:	3735
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5#

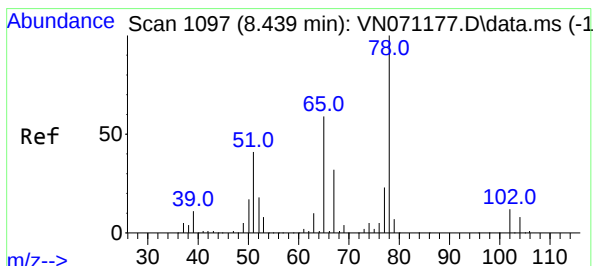
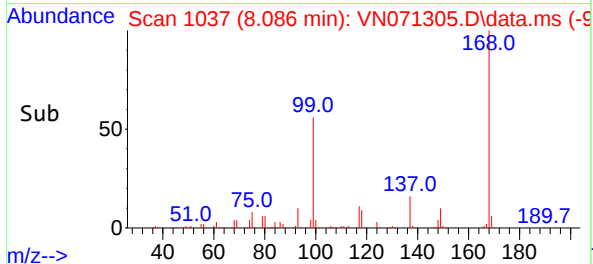
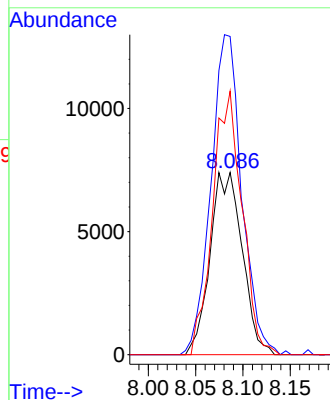
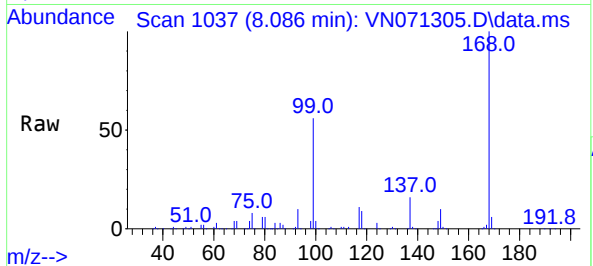




#31
Cyclohexane
Concen: 1.036 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

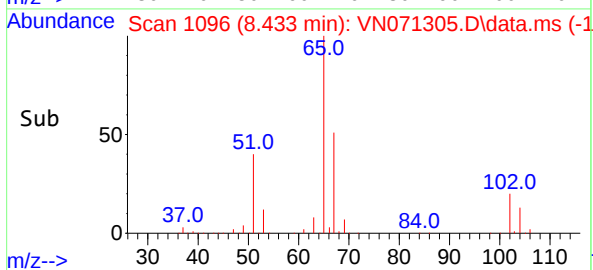
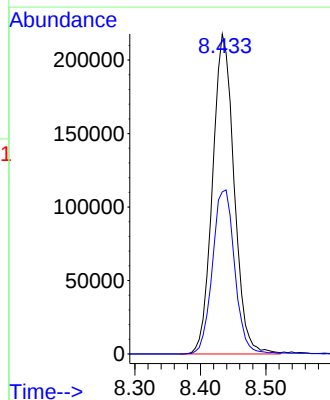
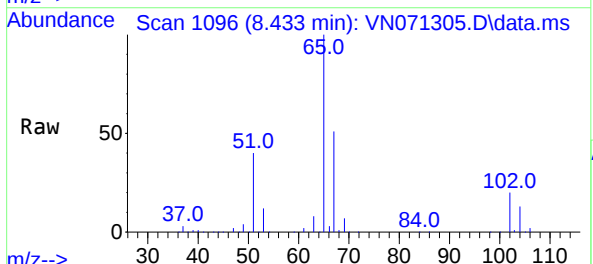
Instrument :
MSVOA_N
ClientSampleId :
2822-B

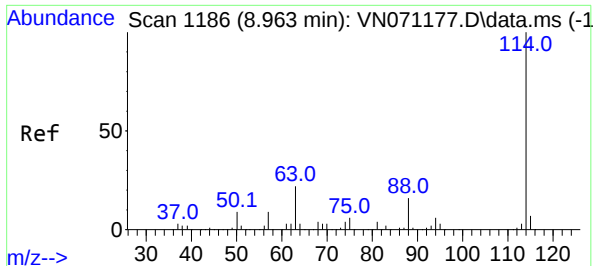
Tgt Ion: 56 Resp: 17515
Ion Ratio Lower Upper
56 100
69 174.7 27.1 40.7#
84 144.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.930 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

Tgt Ion: 65 Resp: 496616
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0

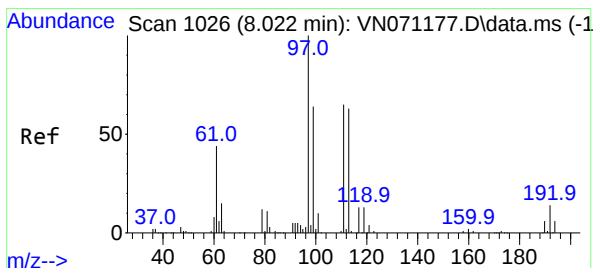
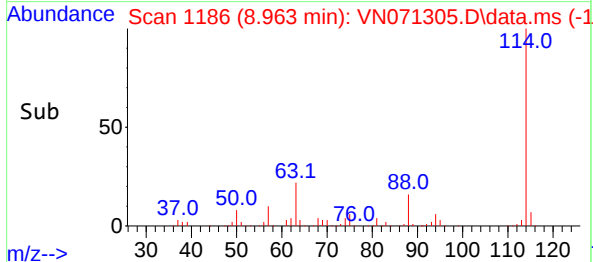
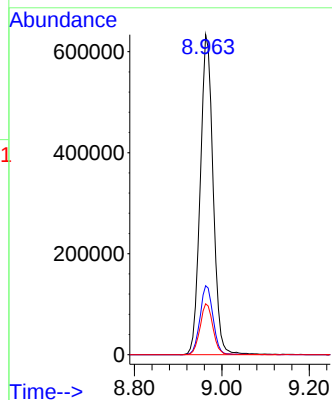
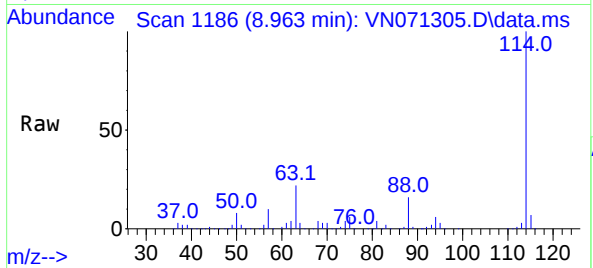




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

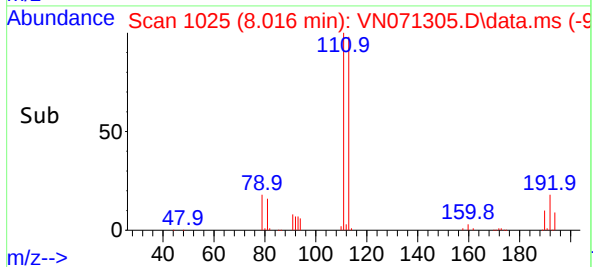
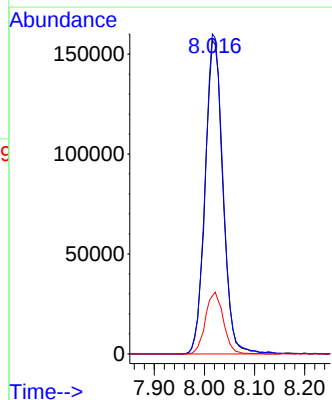
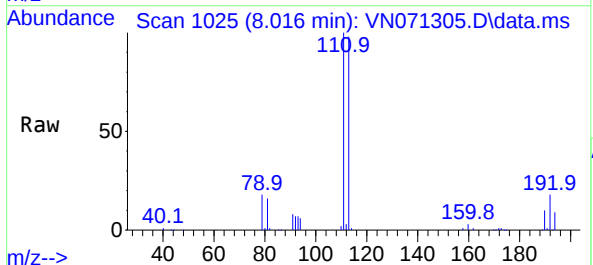
Instrument :
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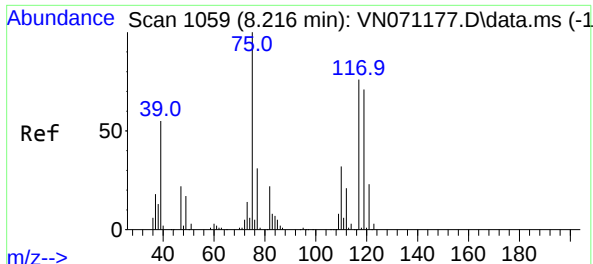
Tgt Ion:114 Resp: 1298109
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.259 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

Tgt Ion:113 Resp: 387124
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.774 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071305.D

Acq: 15 Mar 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

2822-B

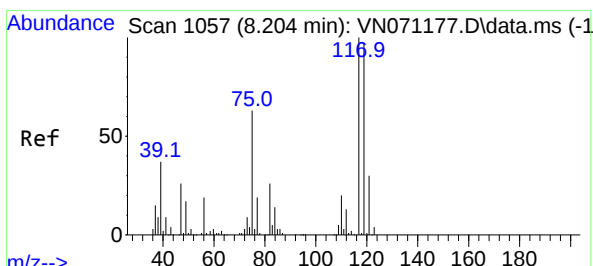
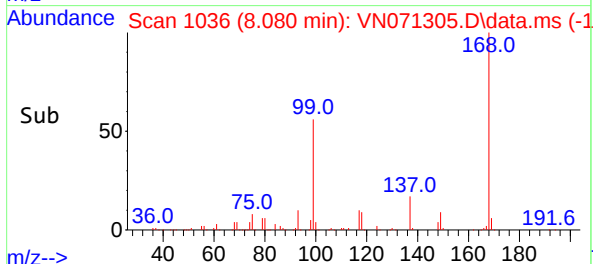
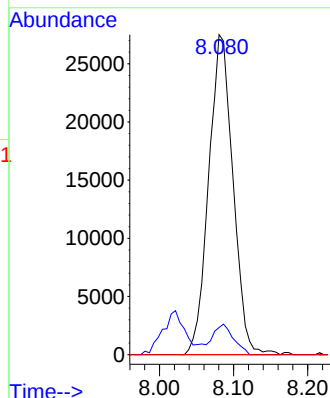
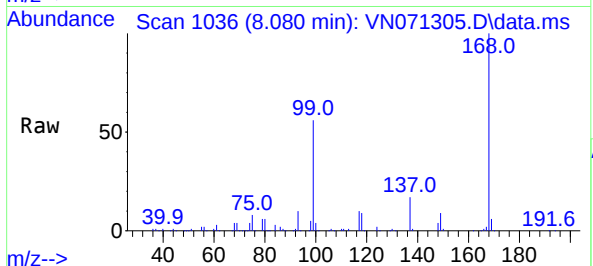
Tgt Ion: 75 Resp: 62659

Ion Ratio Lower Upper

75 100

110 7.9 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.091 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.118 min

Lab File: VN071305.D

Acq: 15 Mar 2022 20:28

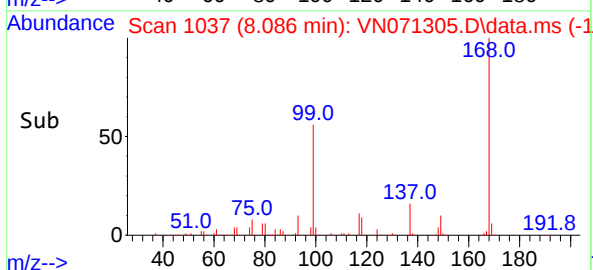
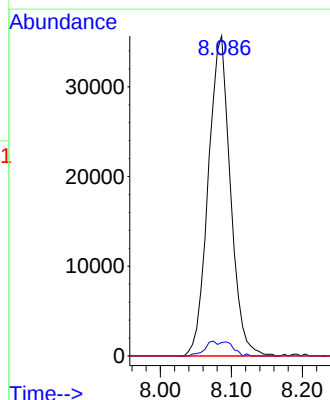
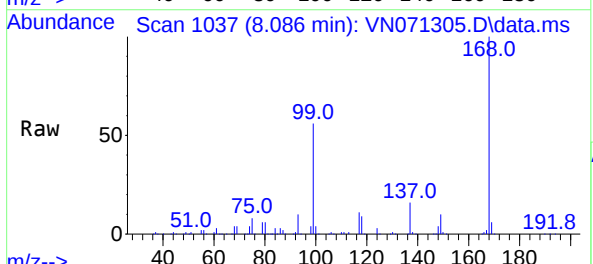
Tgt Ion: 117 Resp: 77318

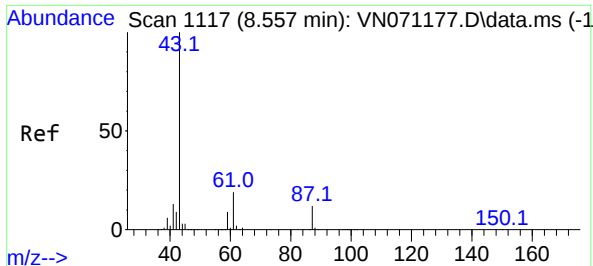
Ion Ratio Lower Upper

117 100

119 4.2 76.1 114.1#

121 0.0 24.2 36.2#

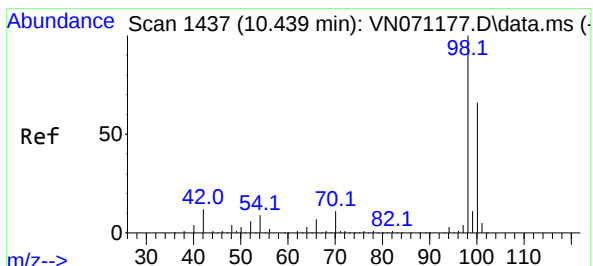
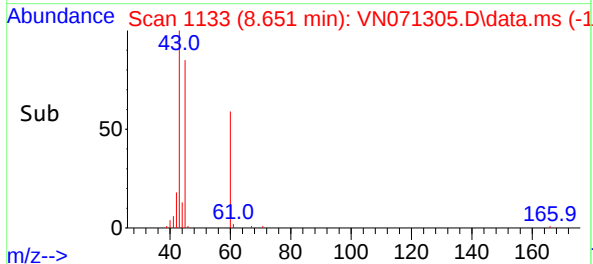
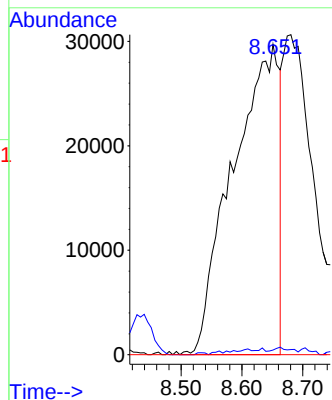
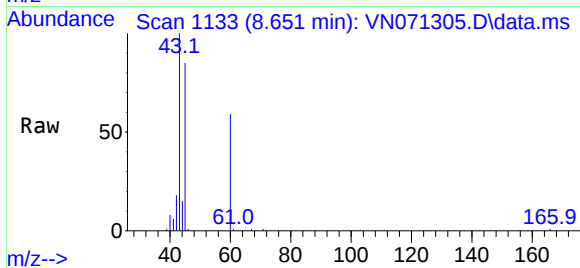




#43
Isopropyl Acetate
Concen: 5.807 ug/l
RT: 8.651 min Scan# 1117
Delta R.T. 0.094 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

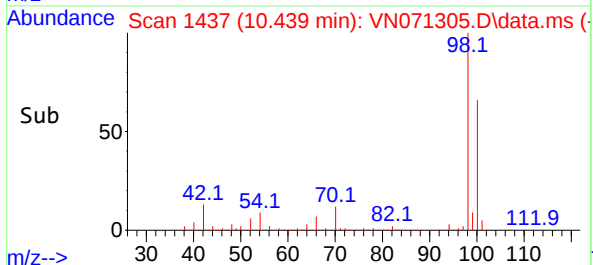
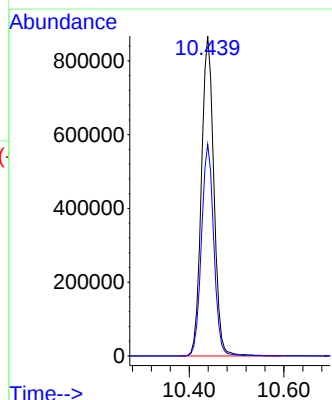
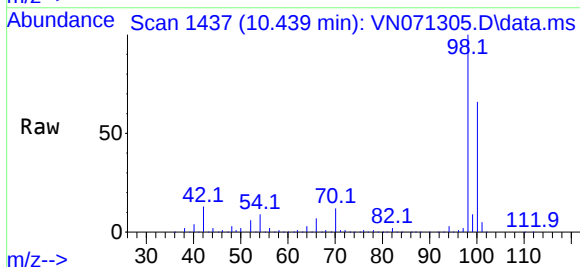
Instrument :
MSVOA_N
ClientSampleId :
2822-B

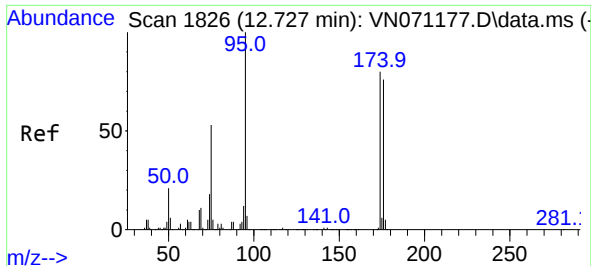
Tgt Ion: 43 Resp: 156855
Ion Ratio Lower Upper
43 100
61 0.9 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 47.924 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

Tgt Ion: 98 Resp: 1580592
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6

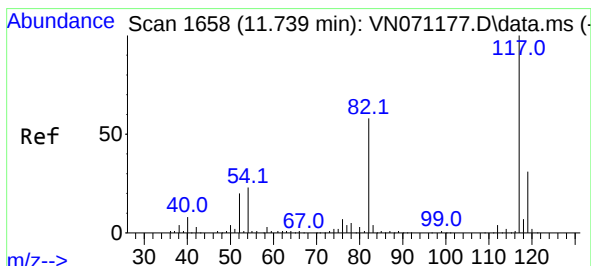
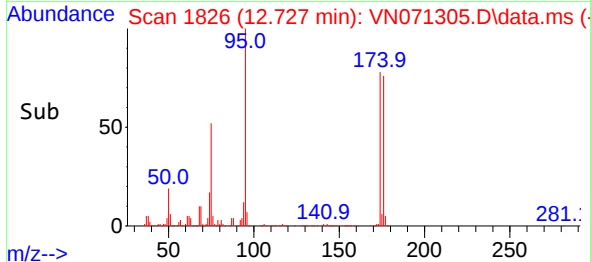
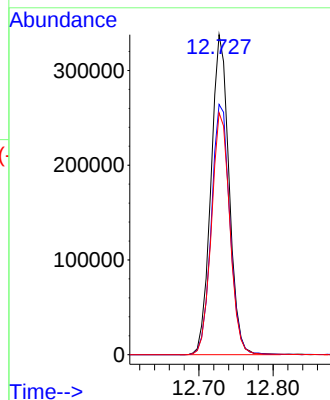
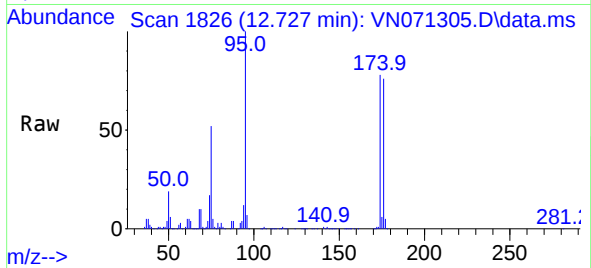




#62
4-Bromofluorobenzene
Concen: 51.225 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

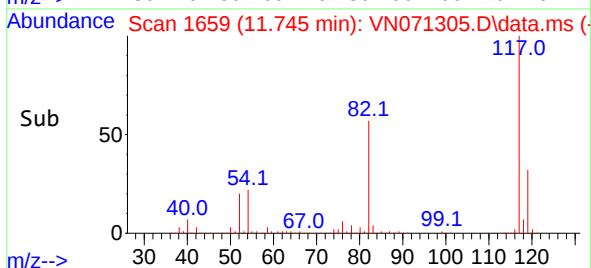
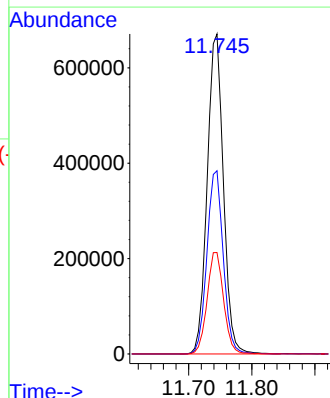
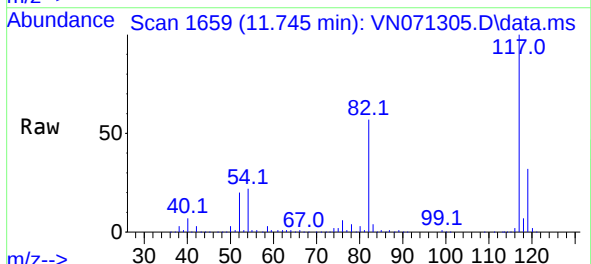
Instrument :
MSVOA_N
ClientSampleId :
2822-B

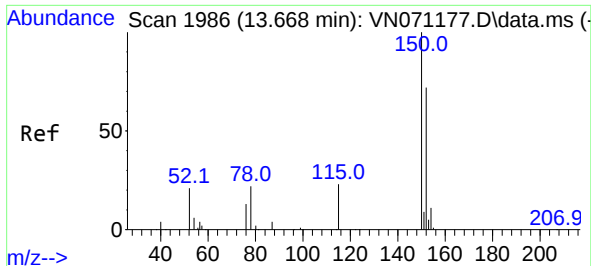
Tgt Ion: 95 Resp: 572104
Ion Ratio Lower Upper
95 100
174 79.8 0.0 187.2
176 76.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

Tgt Ion: 117 Resp: 1193809
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 31.7 25.4 38.2

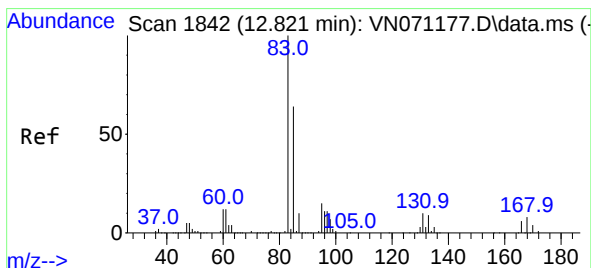
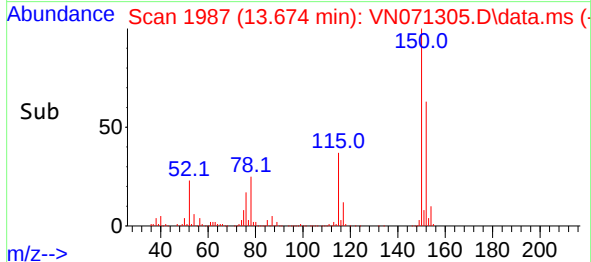
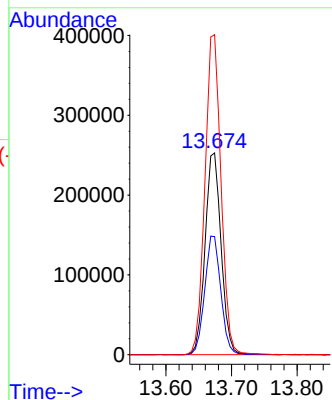
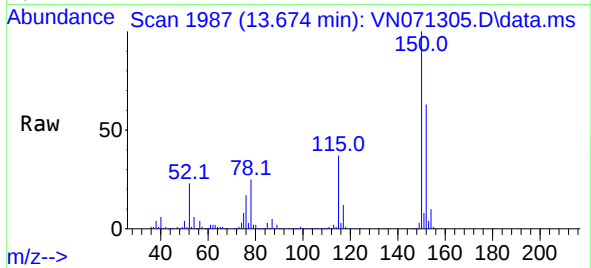




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

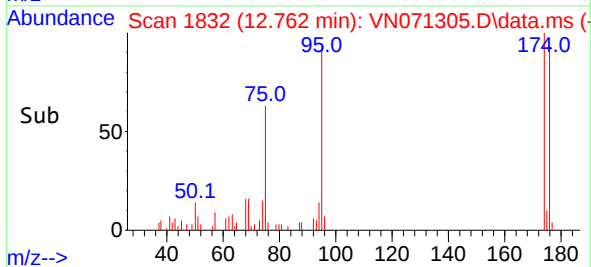
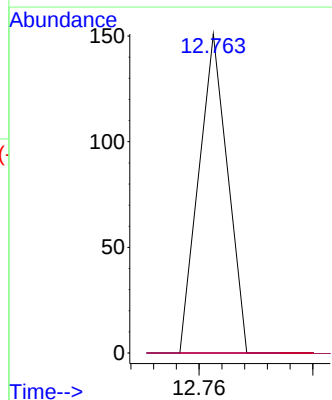
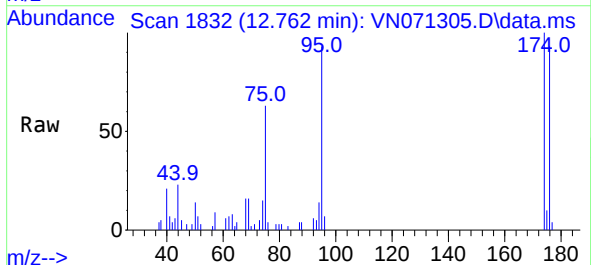
Instrument :
MSVOA_N
ClientSampleId :
2822-B

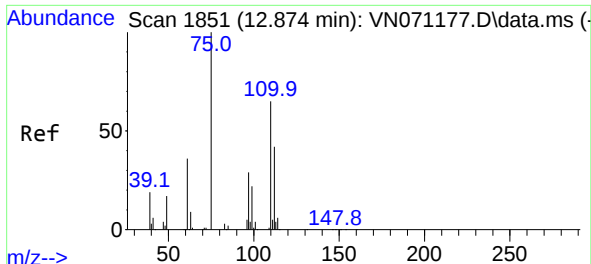
Tgt Ion:152 Resp: 431355
Ion Ratio Lower Upper
152 100
115 58.9 27.5 82.5
150 158.7 0.0 344.4



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.762 min Scan# 1832
Delta R.T. -0.059 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

Tgt Ion: 83 Resp: 53
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#

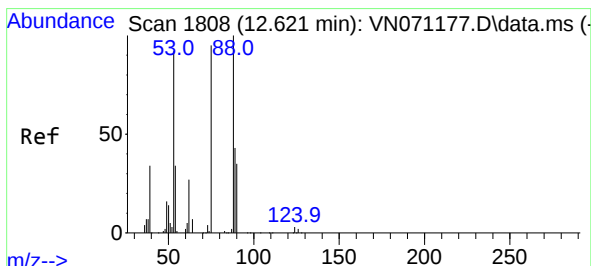
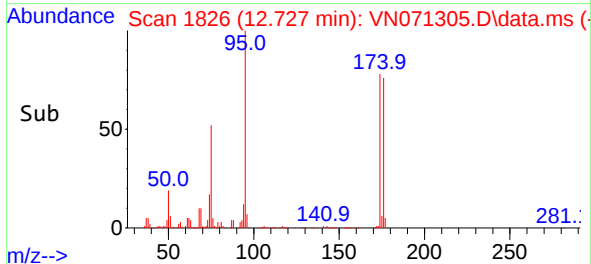
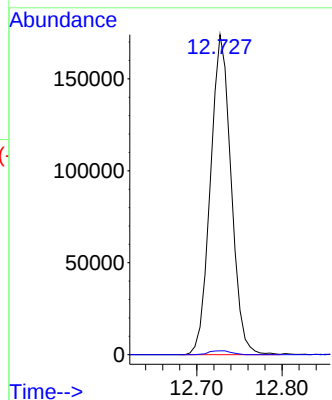
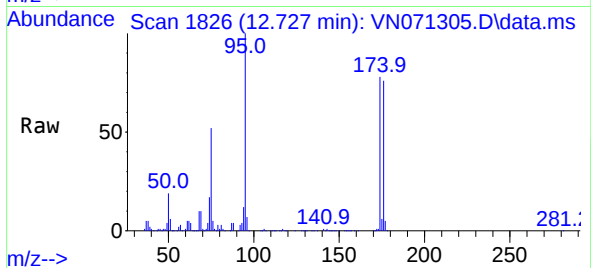




#76
1,2,3-Trichloropropane
Concen: 26.776 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

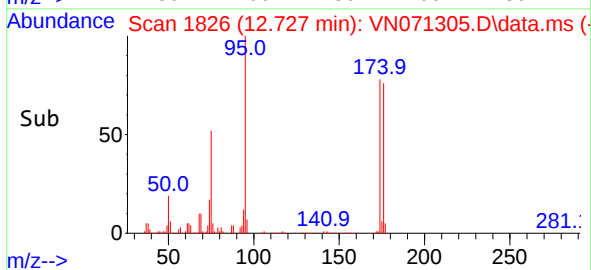
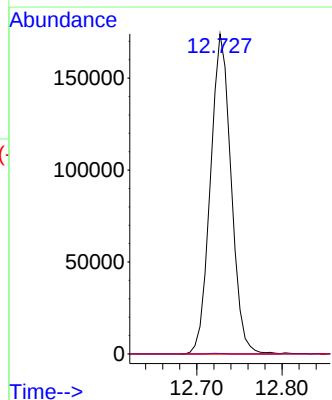
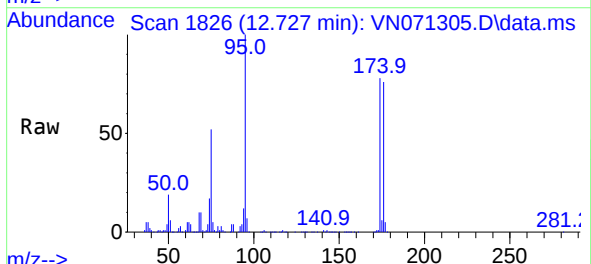
Instrument :
MSVOA_N
ClientSampleId :
2822-B

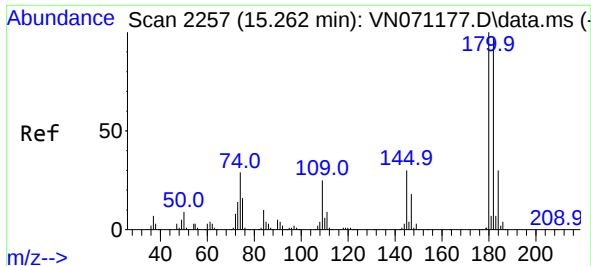
Tgt Ion: 75 Resp: 293641
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.588 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071305.D
Acq: 15 Mar 2022 20:28

Tgt Ion: 75 Resp: 293641
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#





#93

1,2,4-Trichlorobenzene

Concen: 2.999 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN071305.D

Acq: 15 Mar 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

2822-B

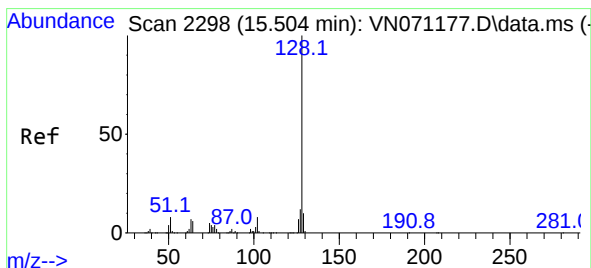
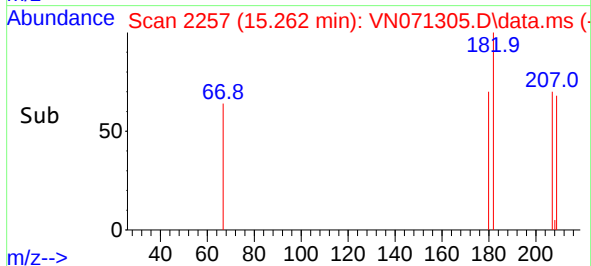
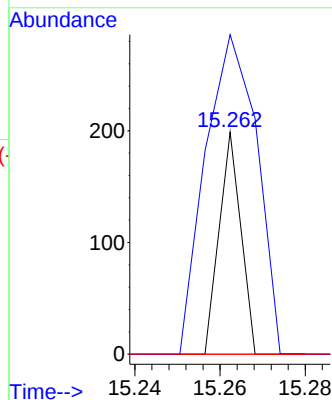
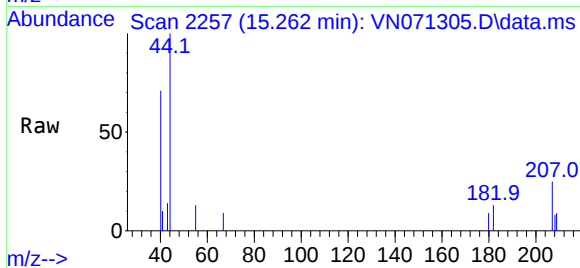
Tgt Ion:180 Resp: 70

Ion Ratio Lower Upper

180 100

182 342.9 48.3 144.9#

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 5.086 ug/l

RT: 15.515 min Scan# 2300

Delta R.T. 0.011 min

Lab File: VN071305.D

Acq: 15 Mar 2022 20:28

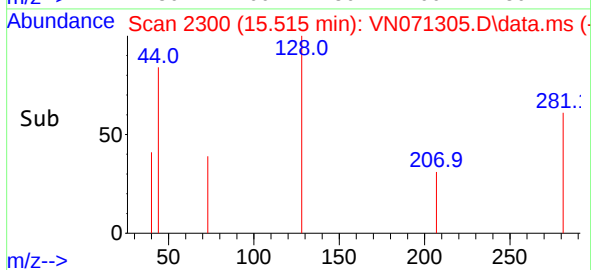
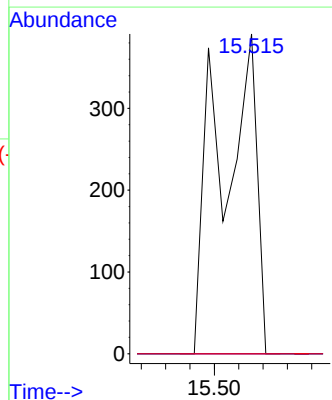
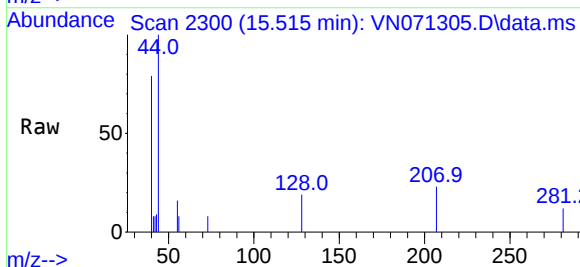
Tgt Ion:128 Resp: 411

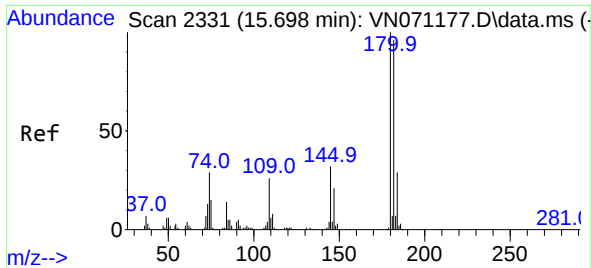
Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.747 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071305.D
 Acq: 15 Mar 2022 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 2822-B

Tgt Ion:	180	Resp:	109
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.2#
145	0.0	15.0	45.1#

