

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077359.D
 Acq On : 17 Apr 2023 16:05
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 18 04:41:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

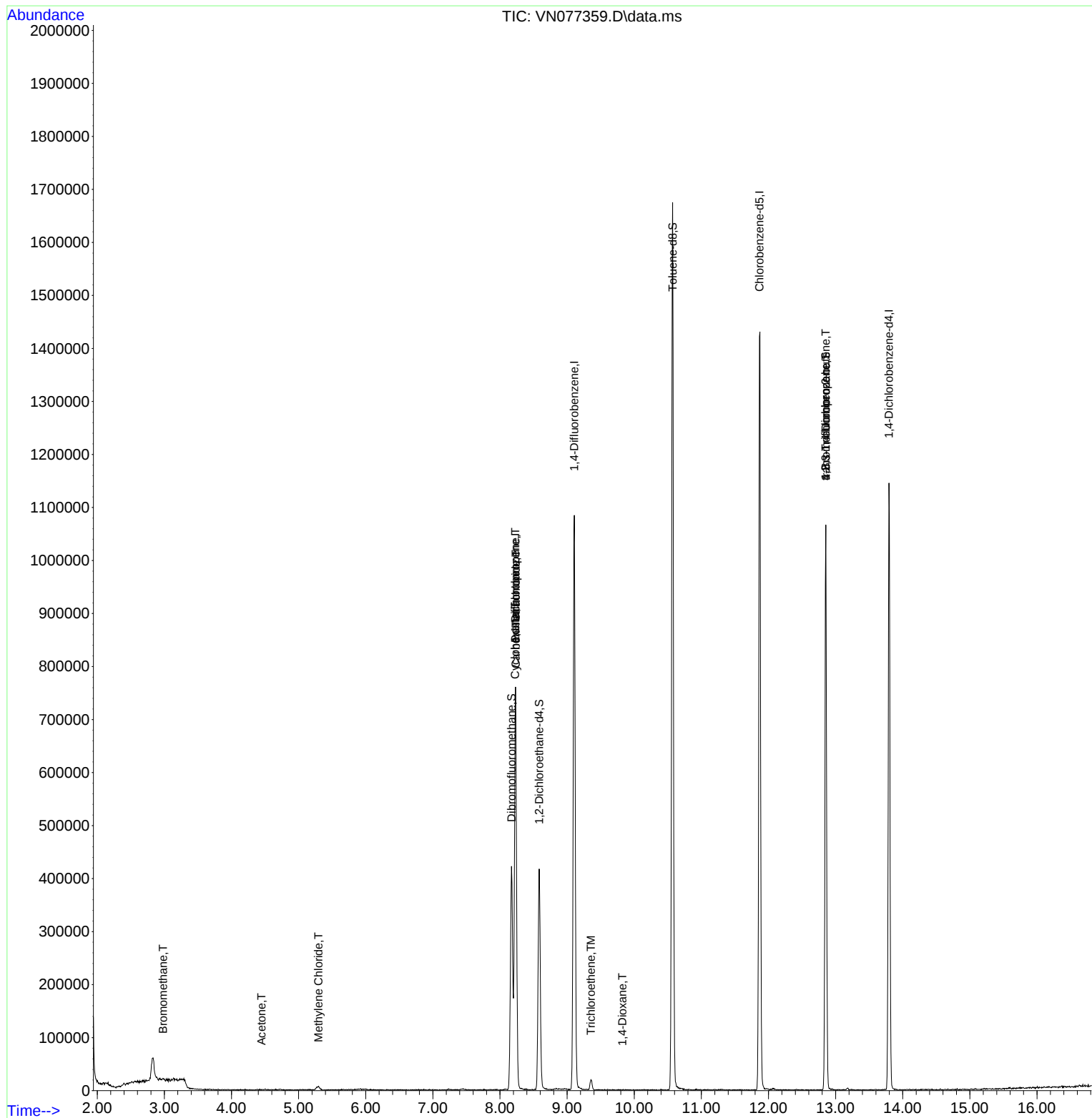
Internal Standards						
1) Pentafluorobenzene	8.230	168	535193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1000730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	883406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	310005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	324519	44.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.740%		
35) Dibromofluoromethane	8.172	113	300268	46.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.740%		
50) Toluene-d8	10.571	98	1217226	47.198	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.400%		
62) 4-Bromofluorobenzene	12.854	95	361741	42.174	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.340%		
Target Compounds						Qvalue
5) Bromomethane	2.978	94	2607	0.313	ug/l #	65
16) Acetone	4.448	43	849	0.315	ug/l #	39
20) Methylene Chloride	5.295	84	5757	0.756	ug/l #	78
31) Cyclohexane	8.225	56	11662	1.026	ug/l #	32
36) 1,1-Dichloropropene	8.230	75	43225	4.562	ug/l #	50
38) Carbon Tetrachloride	8.236	117	58400	6.016	ug/l #	16
44) Trichloroethene	9.354	130	7612	1.076	ug/l	100
49) 1,4-Dioxane	9.824	88	62	0.383	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	190781	25.844	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	190781	58.157	ug/l #	13

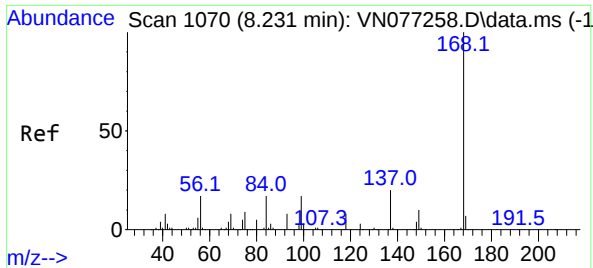
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

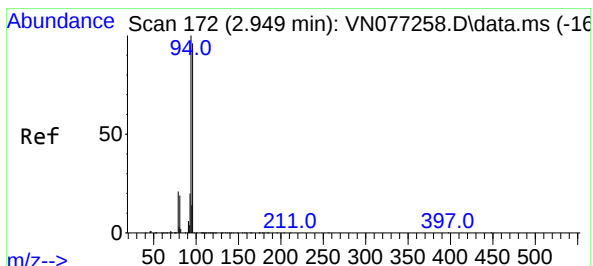
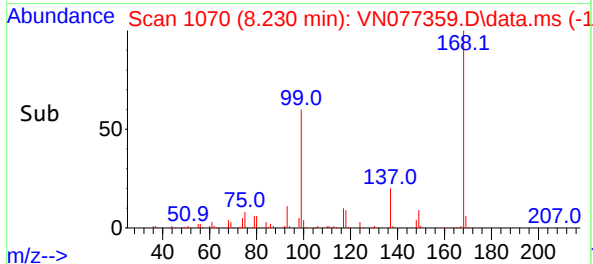
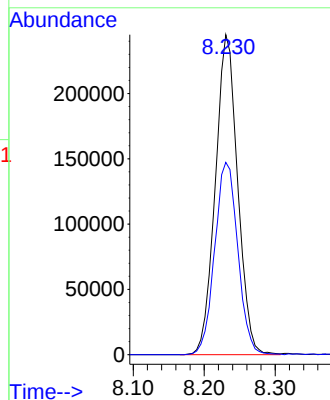
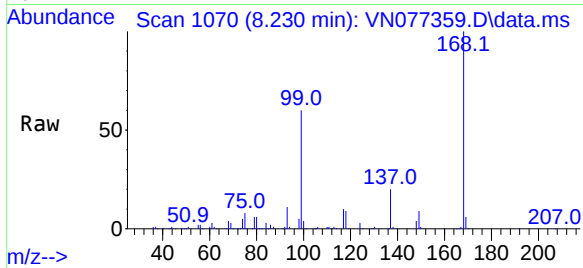




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

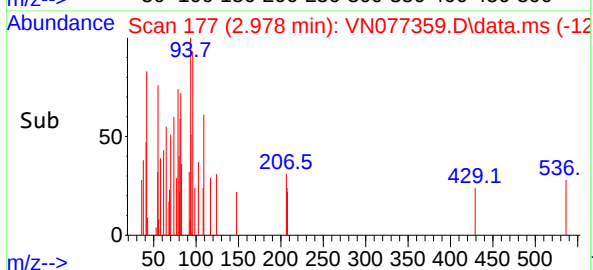
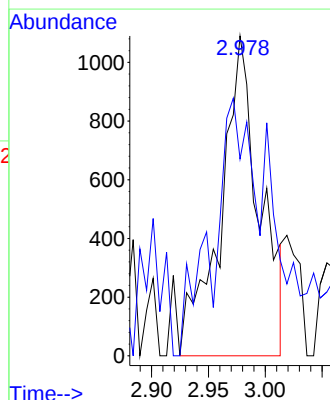
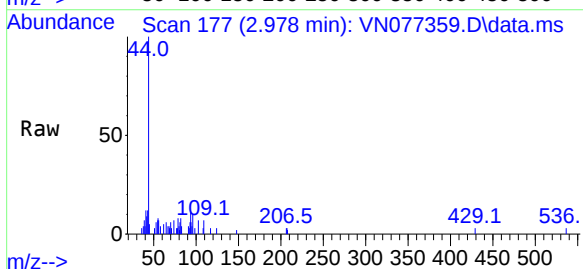
Instrument :
MSVOA_N
ClientSampleId :
IBLK

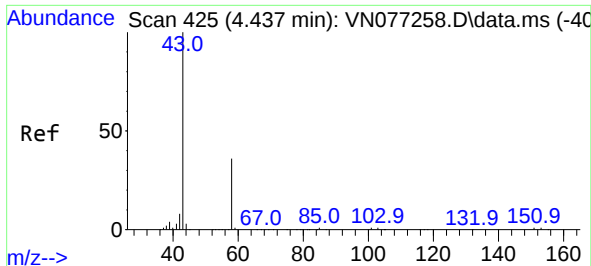
Tgt Ion:168 Resp: 535193
Ion Ratio Lower Upper
168 100
99 60.1 50.6 75.8



#5
Bromomethane
Concen: 0.313 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.029 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

Tgt Ion: 94 Resp: 2607
Ion Ratio Lower Upper
94 100
96 61.6 77.0 115.4#

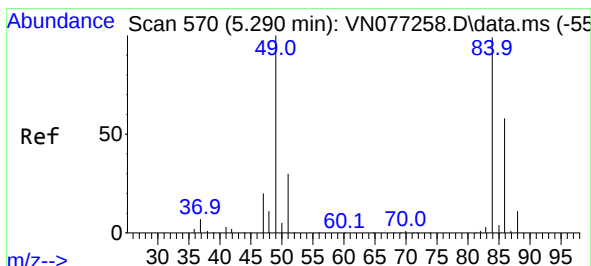
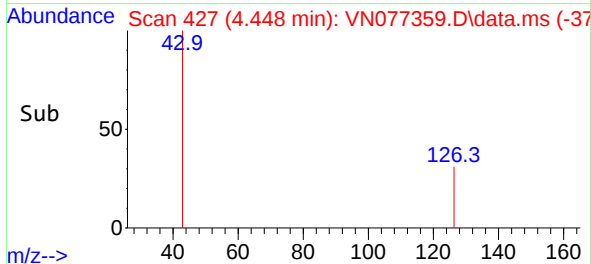
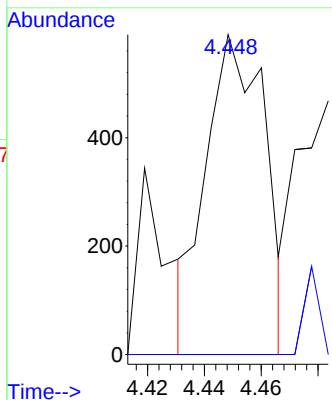
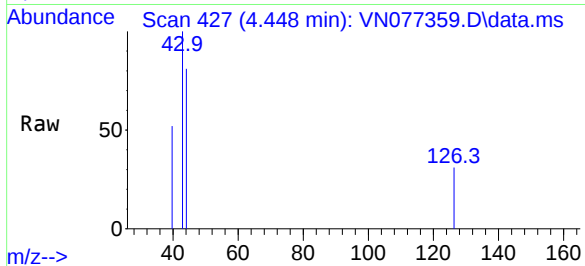




#16
Acetone
Concen: 0.315 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

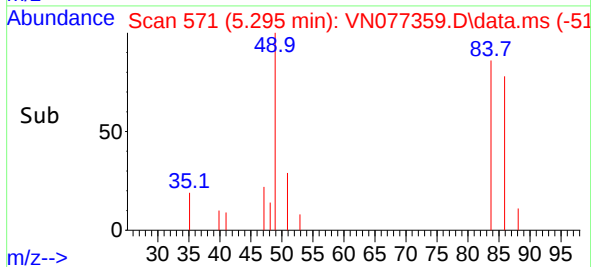
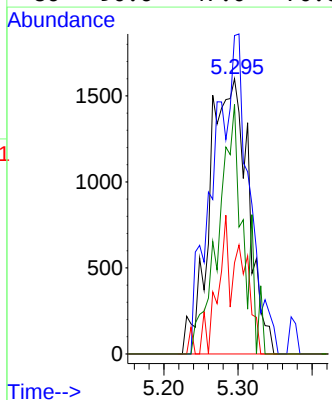
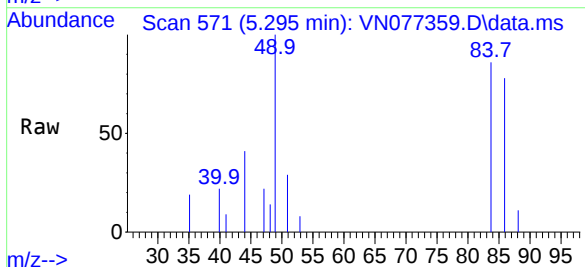
Instrument :
MSVOA_N
ClientSampleId :
IBLK

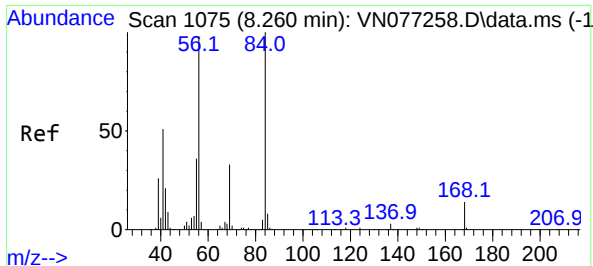
Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#



#20
Methylene Chloride
Concen: 0.756 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

Tgt Ion: 84 Resp: 5757
Ion Ratio Lower Upper
84 100
49 115.7 80.6 121.0
51 33.1 24.4 36.6
86 90.6 47.0 70.6#

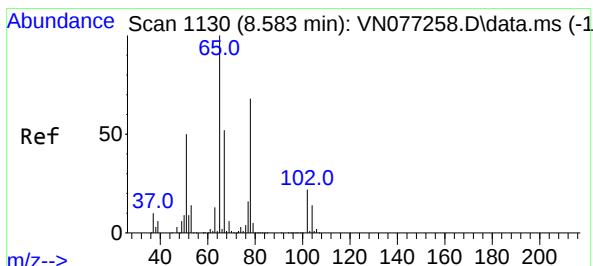
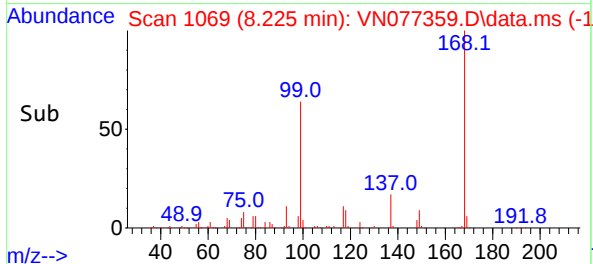
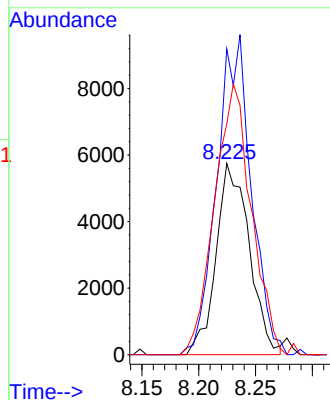
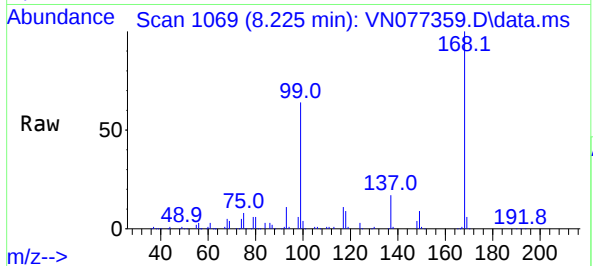




#31
Cyclohexane
Concen: 1.026 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

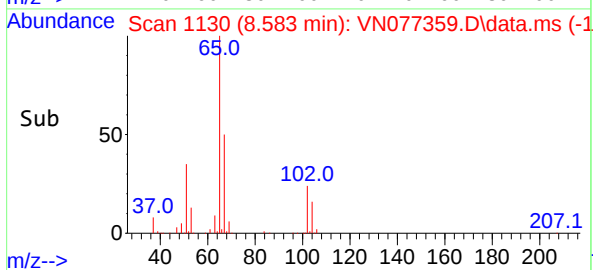
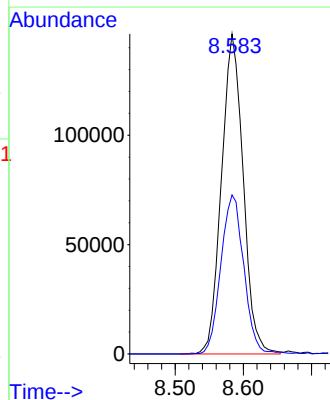
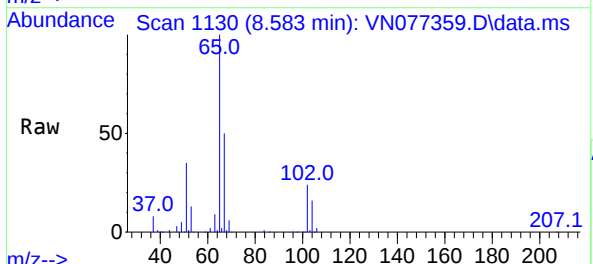
Instrument :
MSVOA_N
ClientSampleId :
IBLK

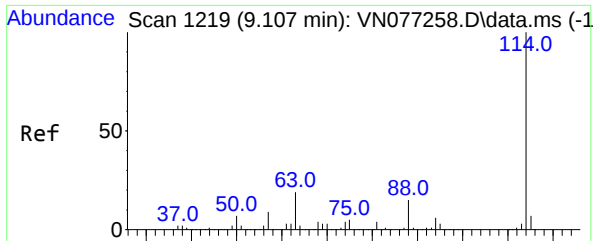
Tgt Ion: 56 Resp: 11662
Ion Ratio Lower Upper
56 100
69 159.9 26.6 40.0#
84 120.6 81.8 122.8



#33
1,2-Dichloroethane-d4
Concen: 44.365 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

Tgt Ion: 65 Resp: 324519
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.8

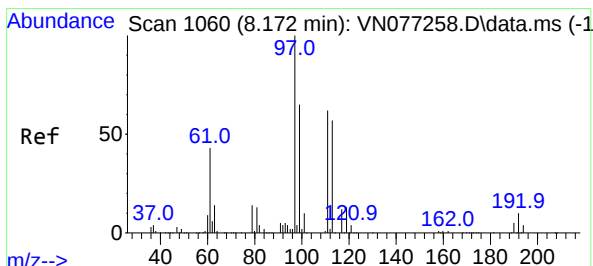
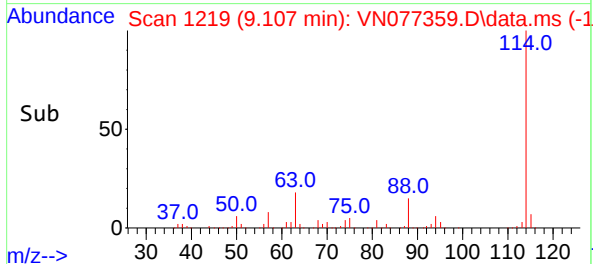
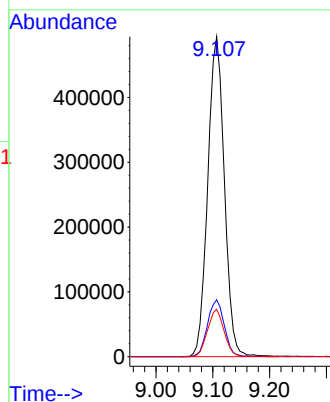
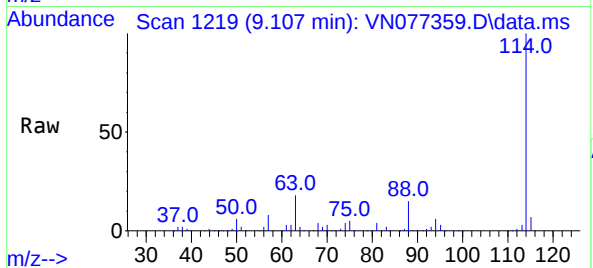




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

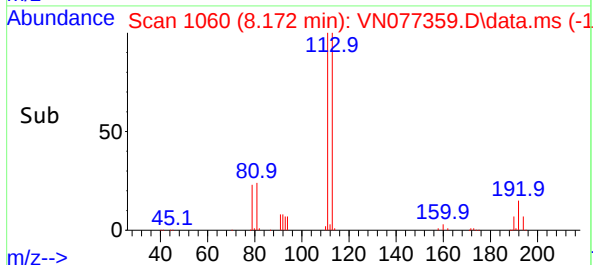
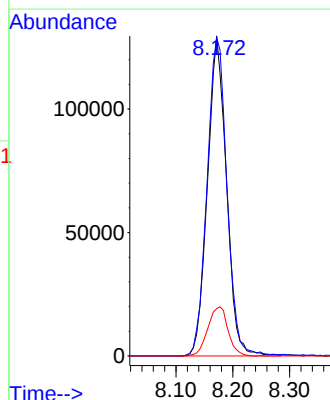
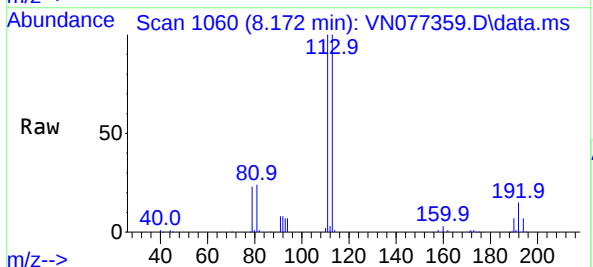
Instrument :
MSVOA_N
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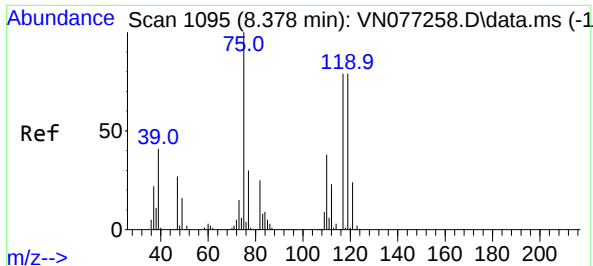
Tgt Ion:114 Resp: 1000730
Ion Ratio Lower Upper
114 100
63 17.8 0.0 37.8
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.870 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

Tgt Ion:113 Resp: 300268
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.0
192 16.3 13.5 20.3

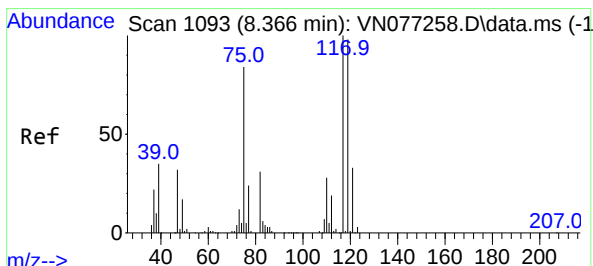
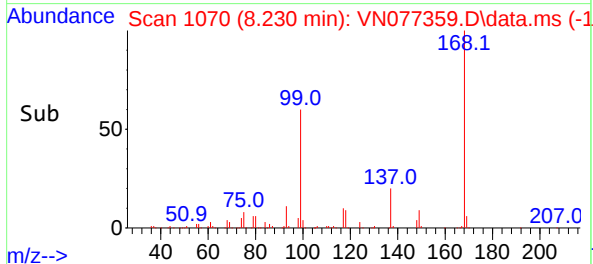
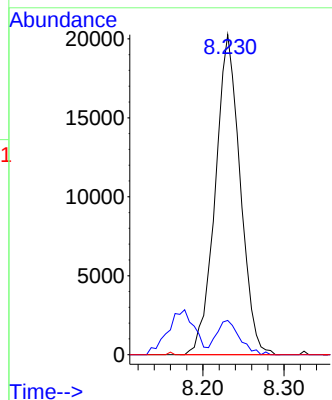
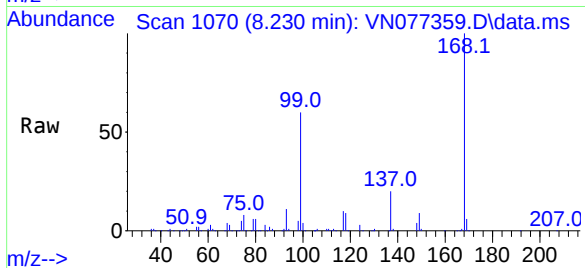




#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.148 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

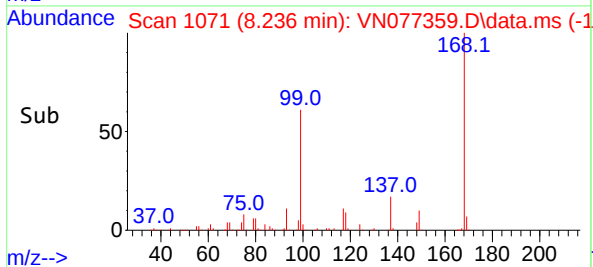
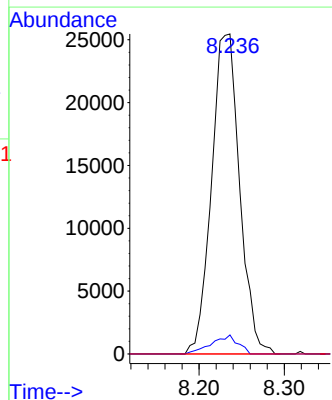
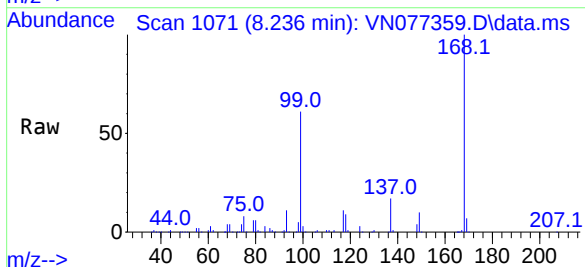
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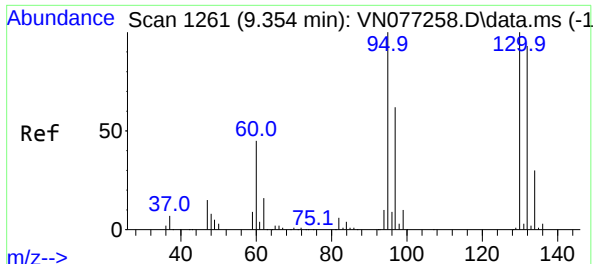
Tgt Ion: 75 Resp: 43225
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.016 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.130 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

Tgt Ion: 117 Resp: 58400
Ion Ratio Lower Upper
117 100
119 6.0 78.5 117.7#
121 0.0 26.6 40.0#

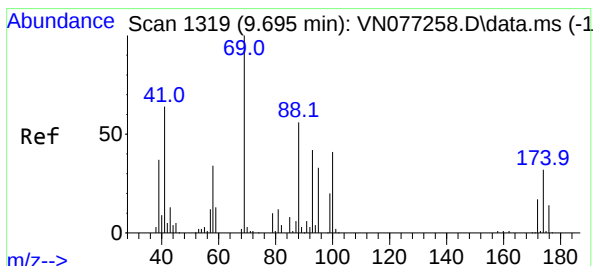
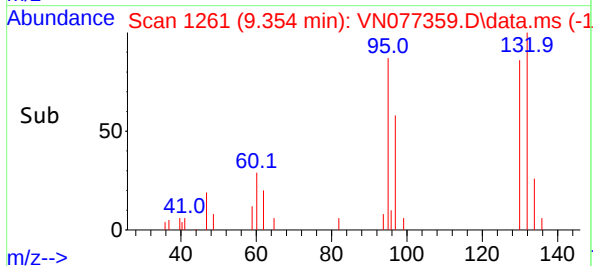
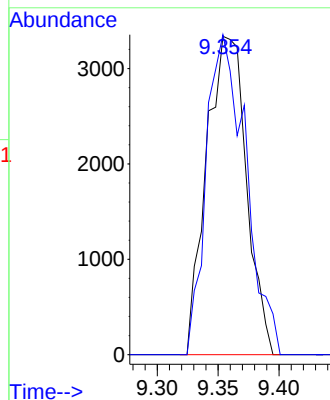
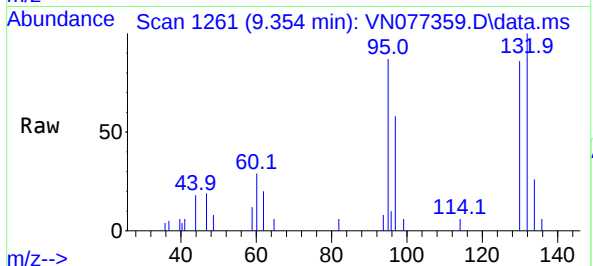




#44
Trichloroethene
Concen: 1.076 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

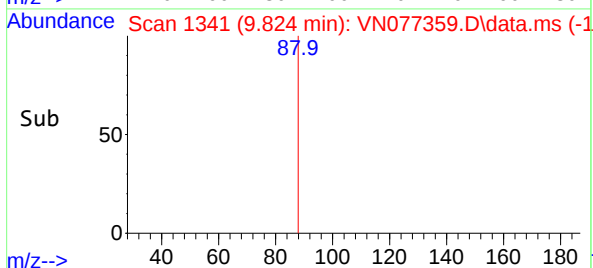
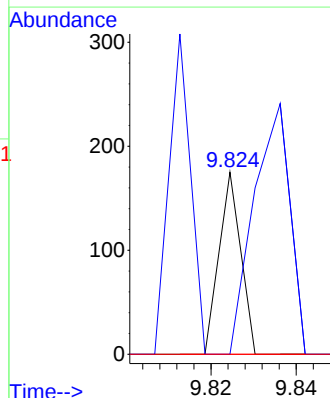
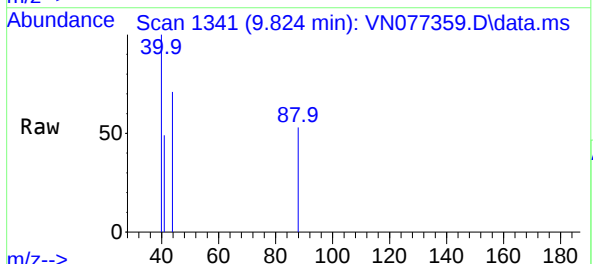
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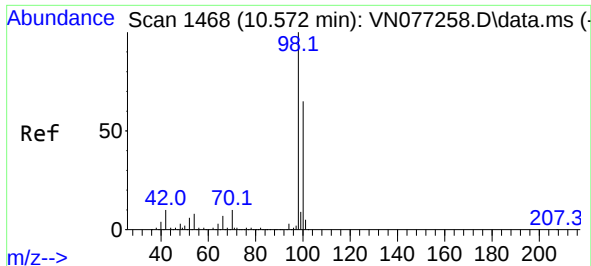
Tgt Ion:130 Resp: 7612
Ion Ratio Lower Upper
130 100
95 100.5 0.0 200.2



#49
1,4-Dioxane
Concen: 0.383 ug/l
RT: 9.824 min Scan# 1341
Delta R.T. 0.129 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 175.8 17.0 25.6#
58 0.0 49.8 74.6#

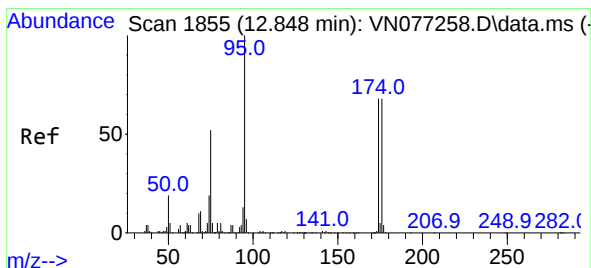
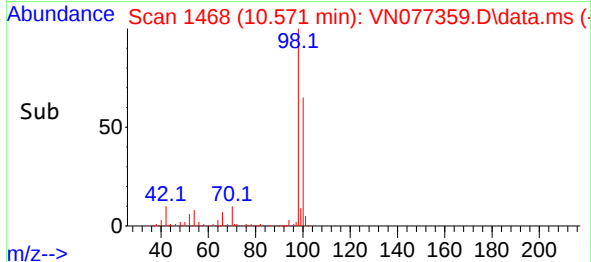
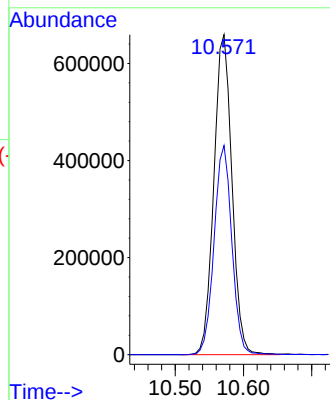
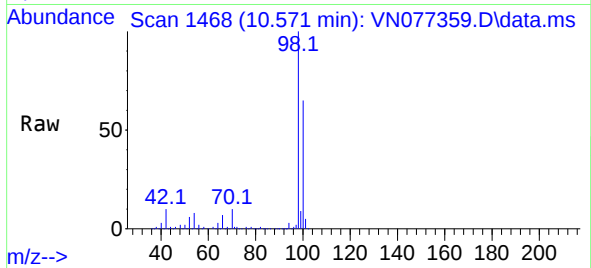




#50
Toluene-d8
Concen: 47.198 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

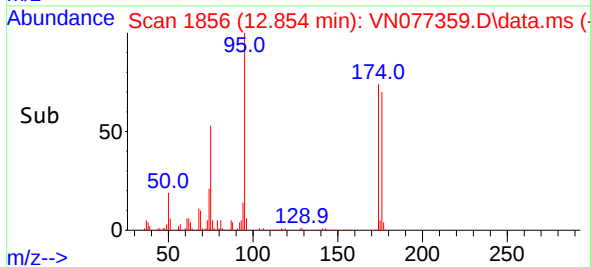
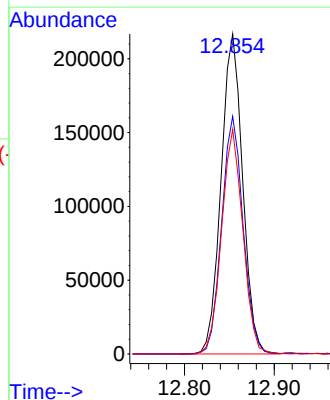
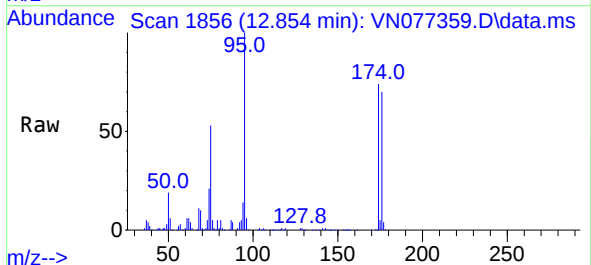
Instrument :
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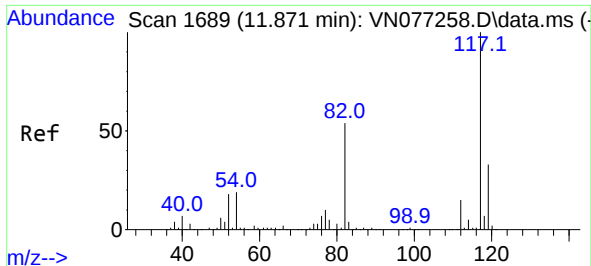
Tgt Ion: 98 Resp: 1217226
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 42.174 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

Tgt Ion: 95 Resp: 361741
Ion Ratio Lower Upper
95 100
174 73.9 0.0 146.8
176 69.2 0.0 139.6

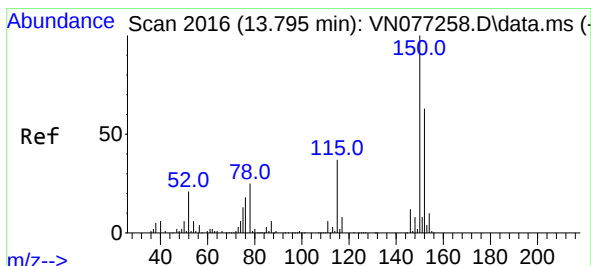
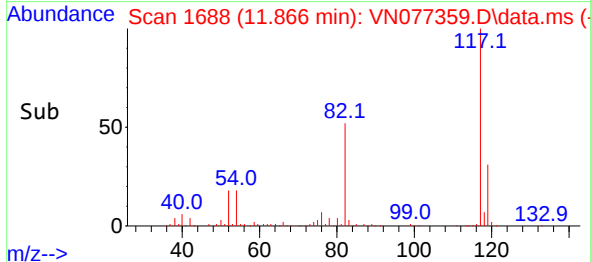
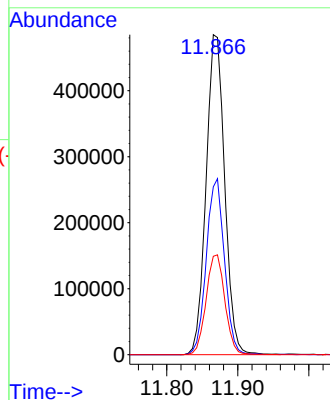
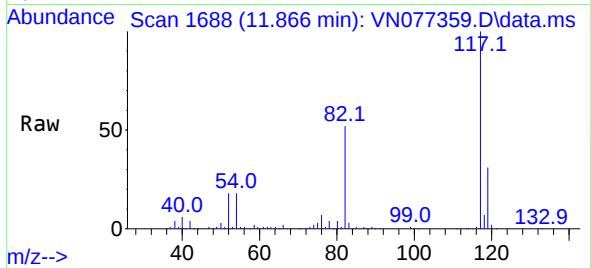




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

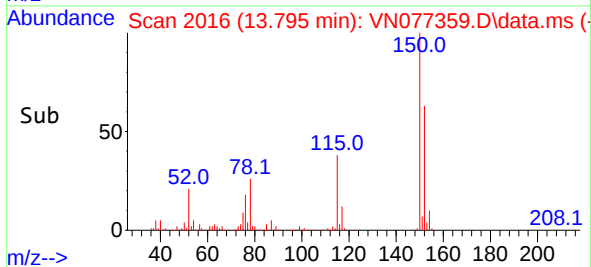
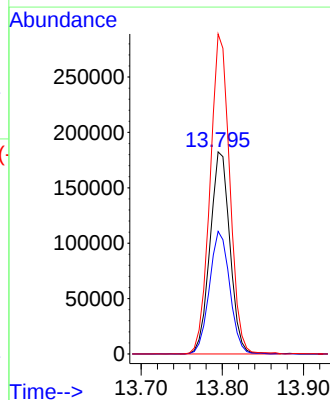
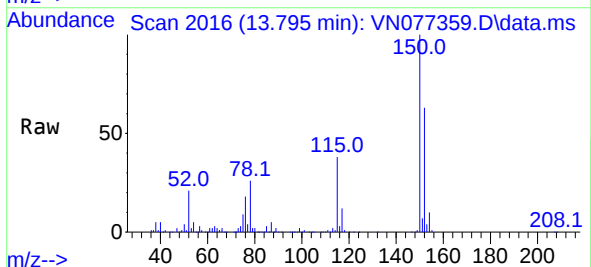
Instrument :
MSVOA_N
ClientSampleId :
IBLK

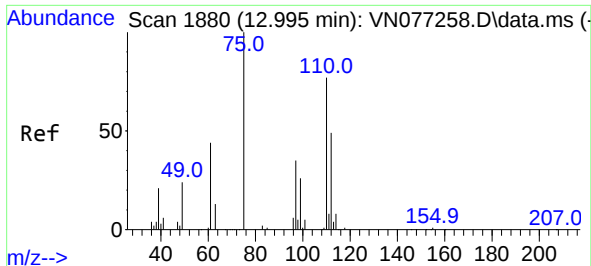
Tgt Ion:117 Resp: 883406
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 30.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

Tgt Ion:152 Resp: 310005
Ion Ratio Lower Upper
152 100
115 62.1 32.1 96.3
150 156.7 0.0 354.8

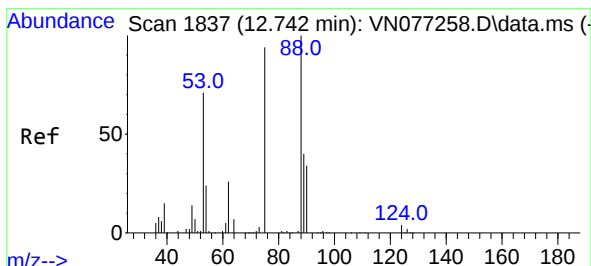
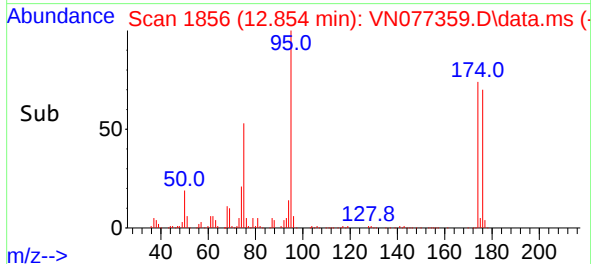
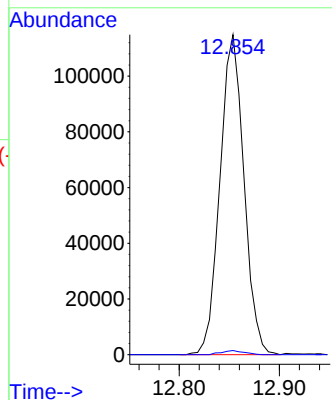
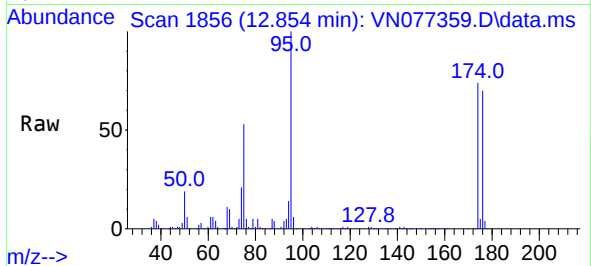




#76
1,2,3-Trichloropropane
Concen: 25.844 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 190781
Ion Ratio Lower Upper
75 100
77 1.2 88.3 264.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.157 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077359.D
Acq: 17 Apr 2023 16:05

Tgt Ion: 75 Resp: 190781
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.1 37.4 56.2#

