

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014959.D
 Acq On : 03 Aug 2023 19:23
 Operator : SY/MD
 Sample : 03897-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Aug 04 04:34:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

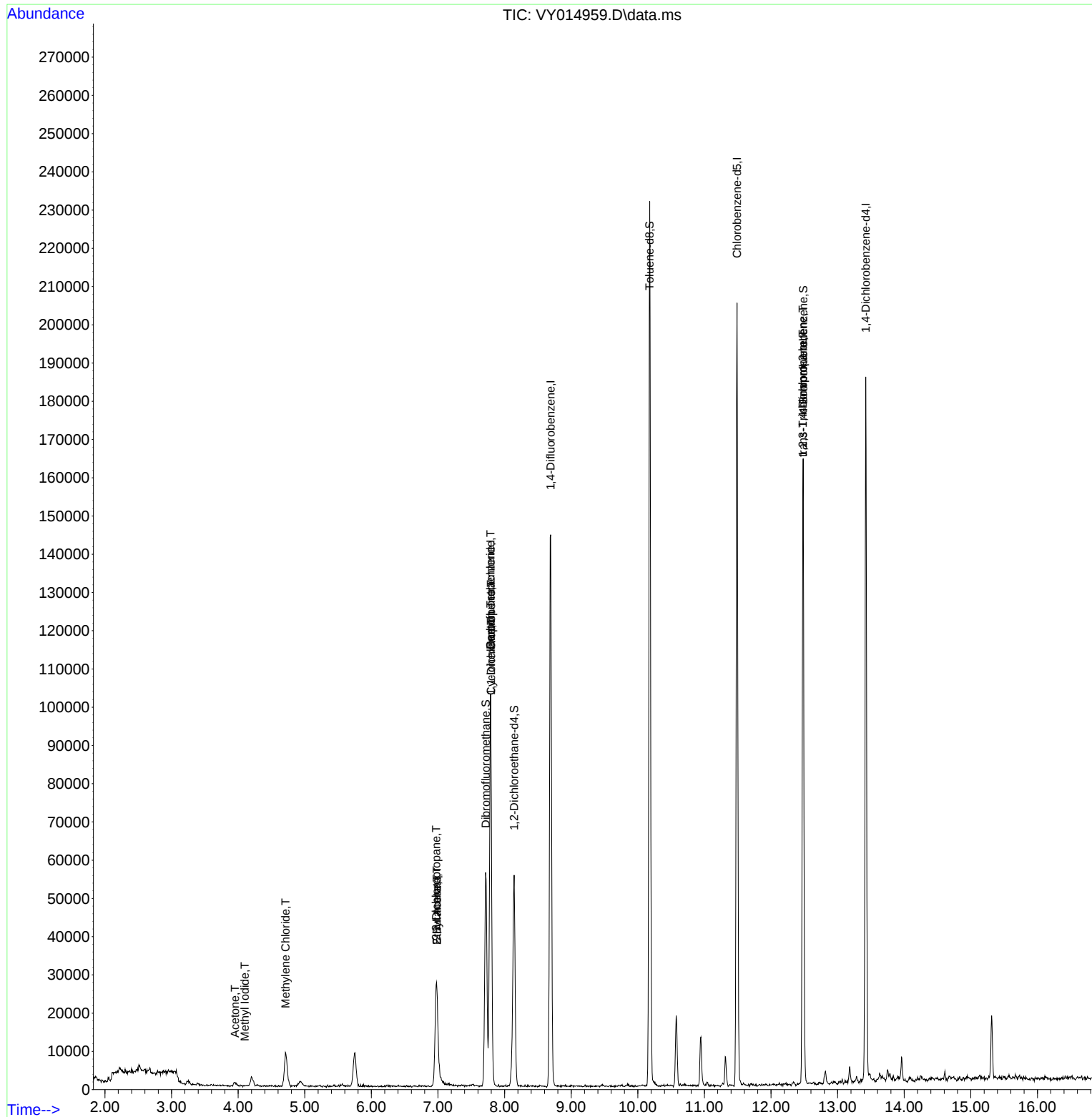
Internal Standards						
1) Pentafluorobenzene	7.789	168	76200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	129943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40902	47.104	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.200%		
35) Dibromofluoromethane	7.716	113	40354	48.785	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.560%		
50) Toluene-d8	10.179	98	148713	48.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.520%		
62) 4-Bromofluorobenzene	12.483	95	46675	39.915	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	79.840%		
Target Compounds						Qvalue
10) Methyl Iodide	4.101	142	276	2.678	ug/l #	38
11) Tert butyl alcohol	4.930	59	1705	Below Cal	#	89
16) Acetone	3.954	43	1622	5.895	ug/l #	78
20) Methylene Chloride	4.710	84	6388	3.193	ug/l #	83
25) 2-Butanone	6.984	43	1638	4.069	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	2297	1.555	ug/l #	54
31) Cyclohexane	7.795	56	1711	1.187	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	6132	4.957	ug/l #	50
37) Ethyl Acetate	6.984	43	1638	1.923	ug/l #	1
38) Carbon Tetrachloride	7.789	117	7600	5.812	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	26211	45.376	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26211	87.855	ug/l #	11

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

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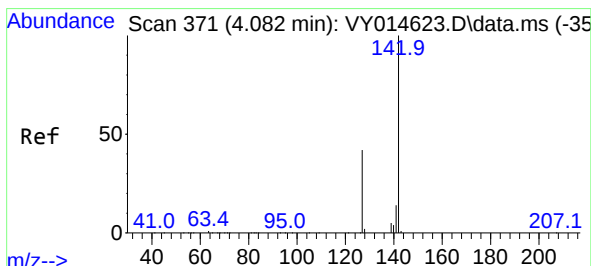
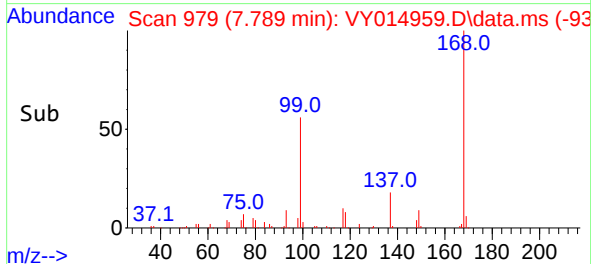
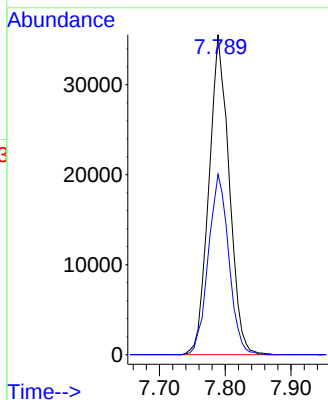
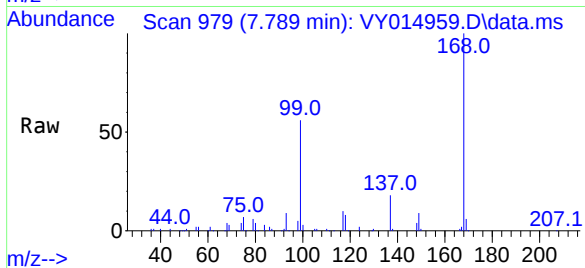




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

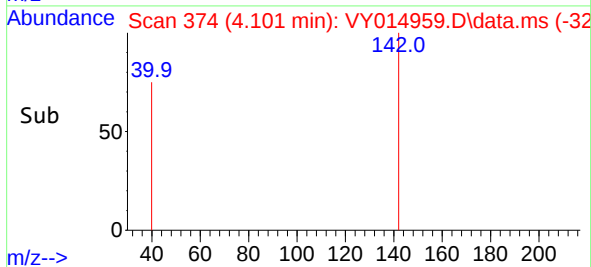
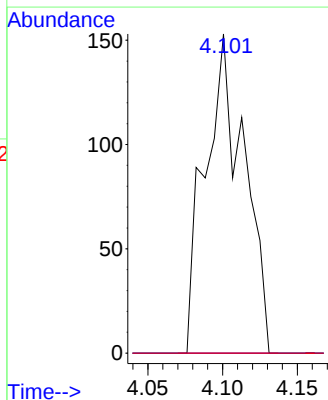
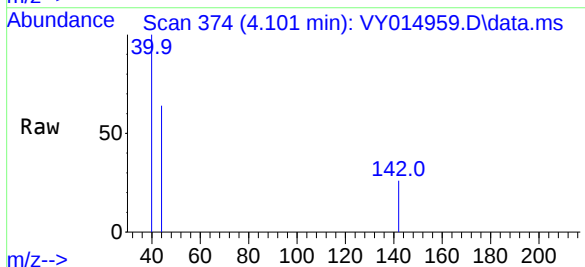
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

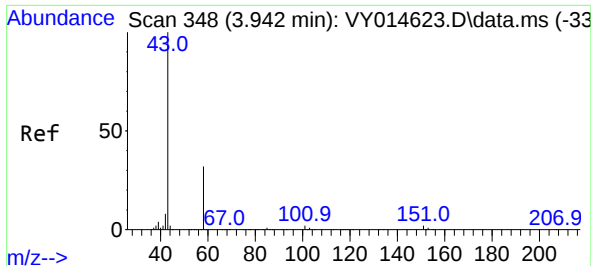
Tgt Ion:168 Resp: 76200
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#10
Methyl Iodide
Concen: 2.678 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

Tgt Ion:142 Resp: 276
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

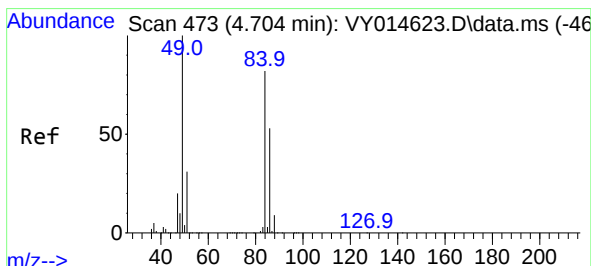
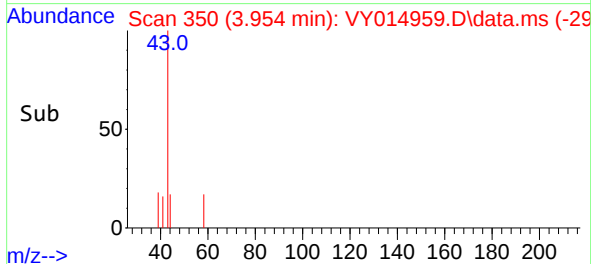
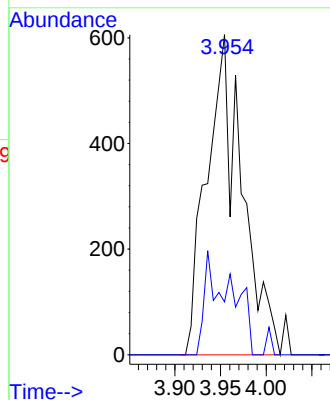
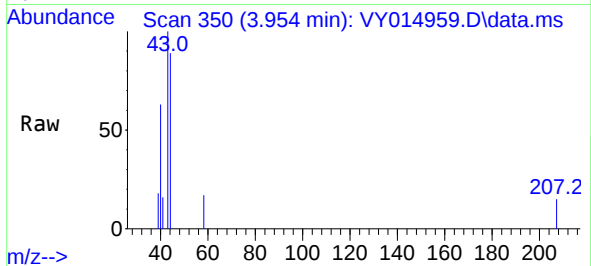




#16
Acetone
Concen: 5.895 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

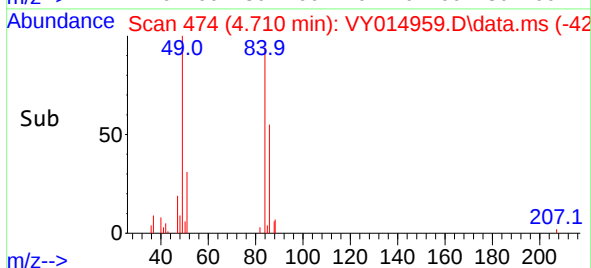
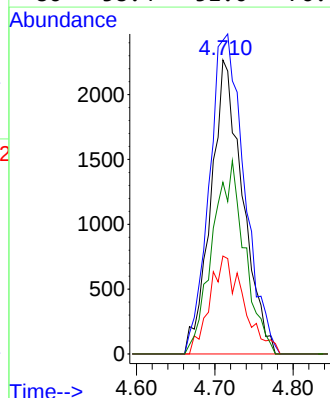
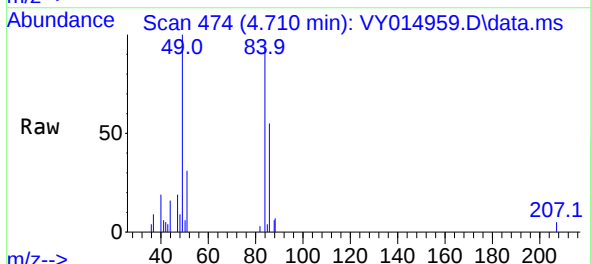
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

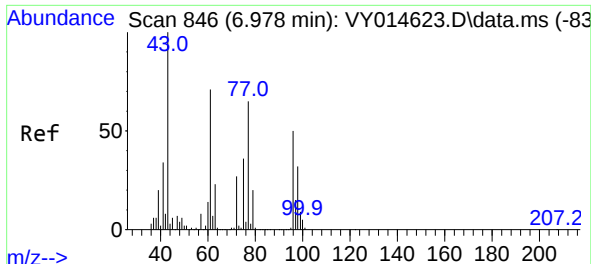
Tgt Ion: 43 Resp: 1622
Ion Ratio Lower Upper
43 100
58 16.5 22.7 34.1#



#20
Methylene Chloride
Concen: 3.193 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

Tgt Ion: 84 Resp: 6388
Ion Ratio Lower Upper
84 100
49 106.7 106.9 160.3#
51 33.3 33.2 49.8
86 58.4 51.0 76.6

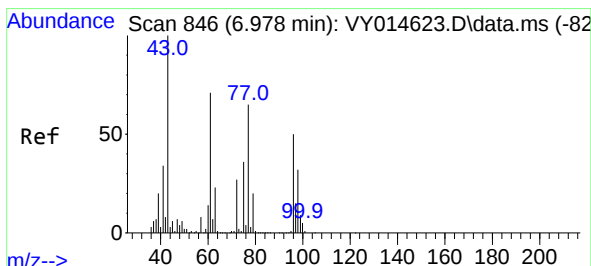
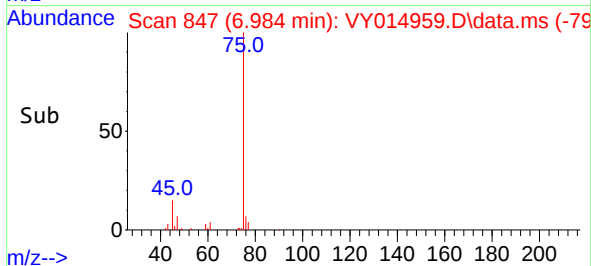
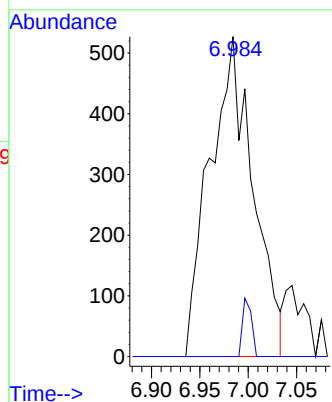
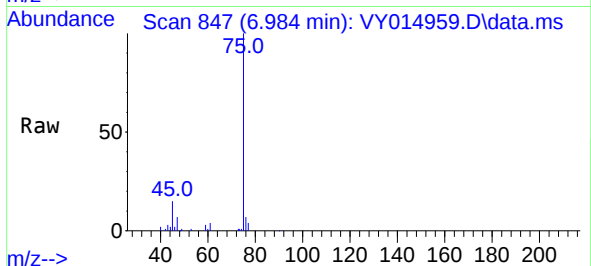




#25
2-Butanone
Concen: 4.069 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

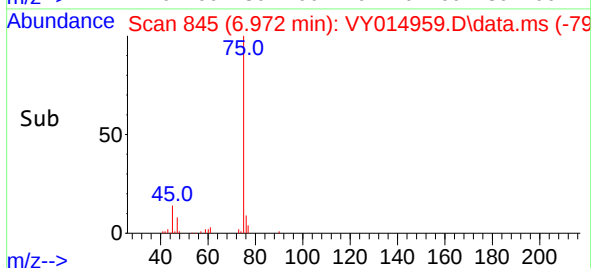
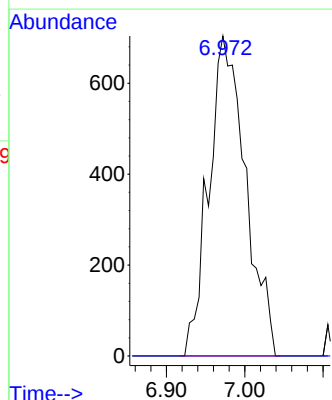
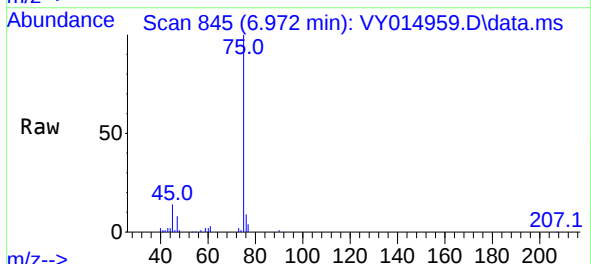
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

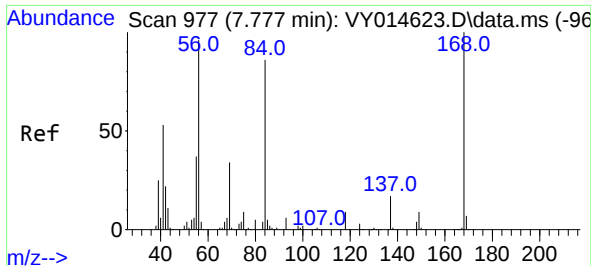
Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.555 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

Tgt Ion: 77 Resp: 2297
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

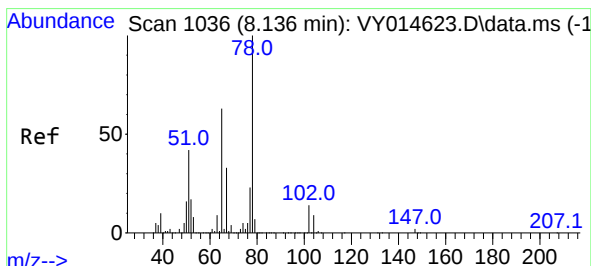
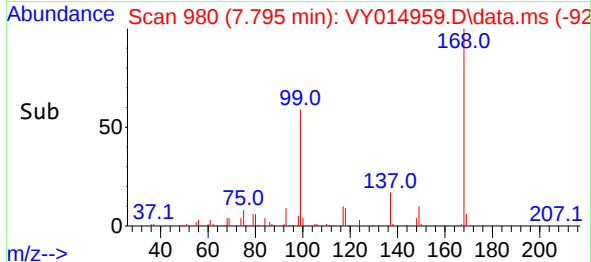
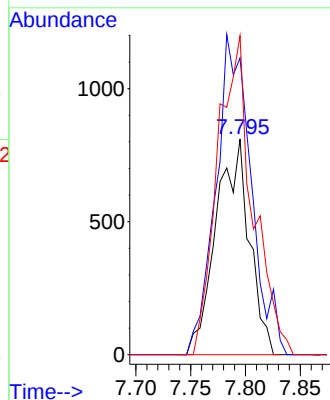
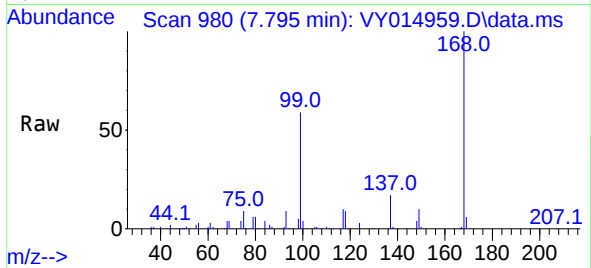




#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

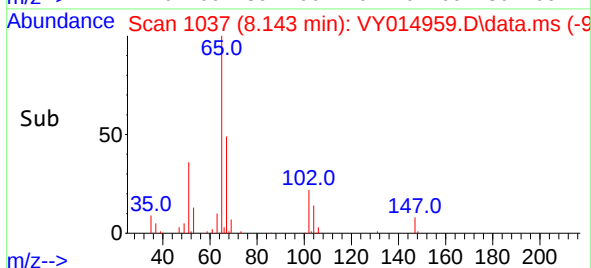
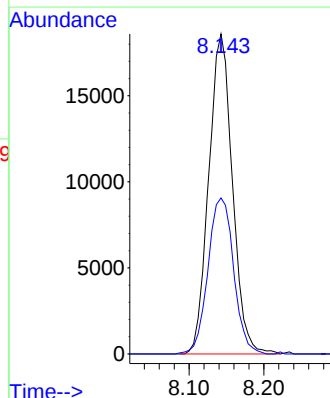
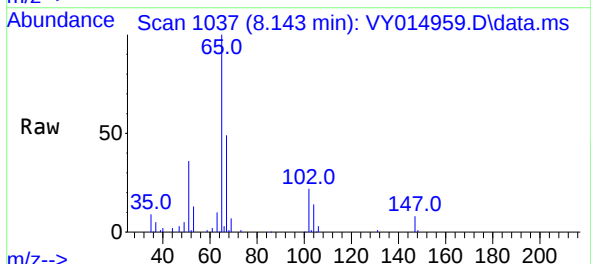
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

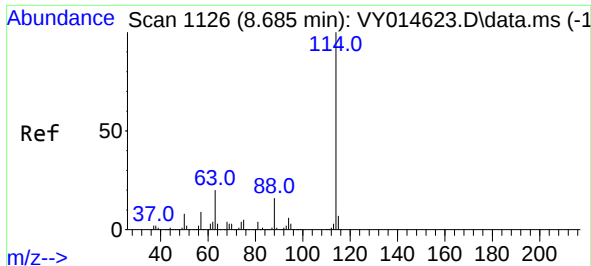
Tgt Ion: 56 Resp: 1711
Ion Ratio Lower Upper
56 100
69 137.5 27.8 41.6#
84 147.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 47.104 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

Tgt Ion: 65 Resp: 40902
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

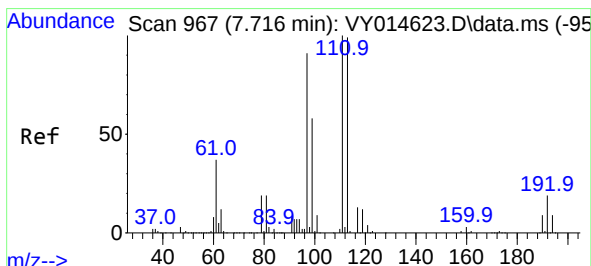
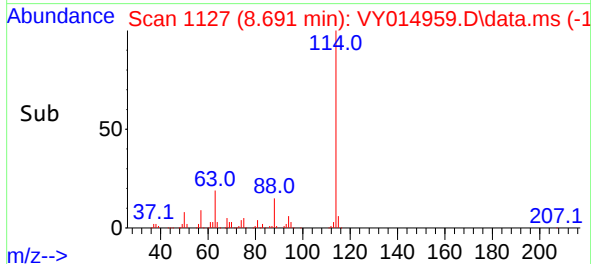
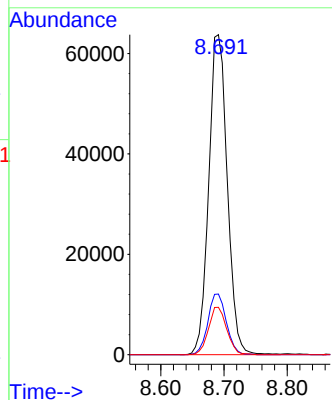
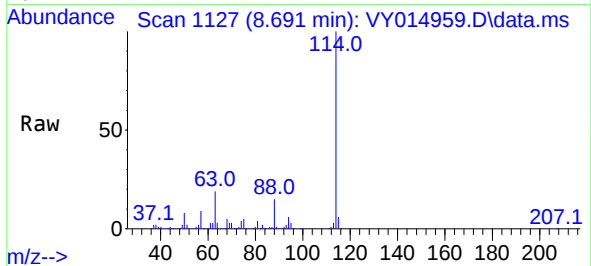




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

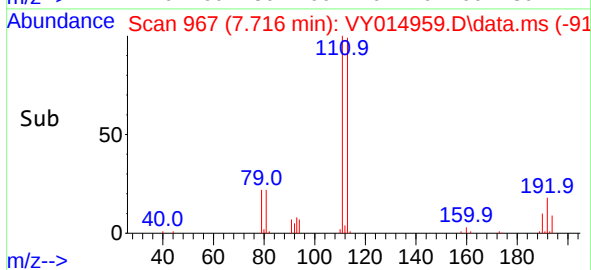
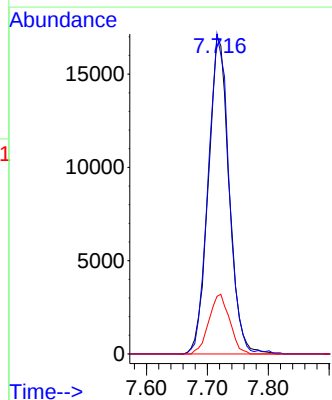
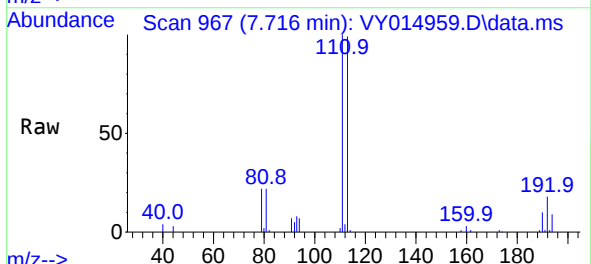
Instrument :
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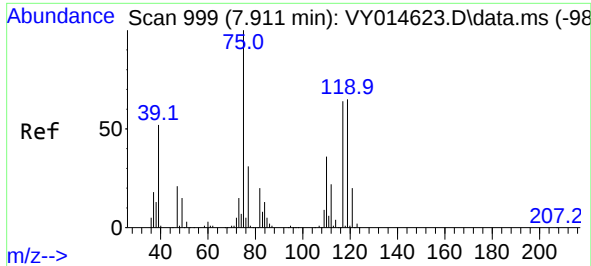
Tgt Ion:114 Resp: 129943
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

Tgt Ion:113 Resp: 40354
Ion Ratio Lower Upper
113 100
111 100.4 81.3 121.9
192 18.7 16.9 25.3

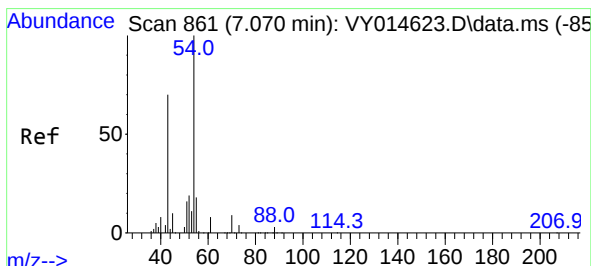
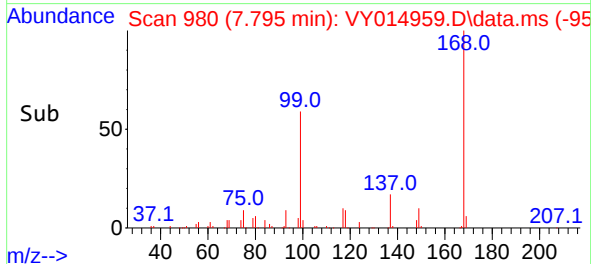
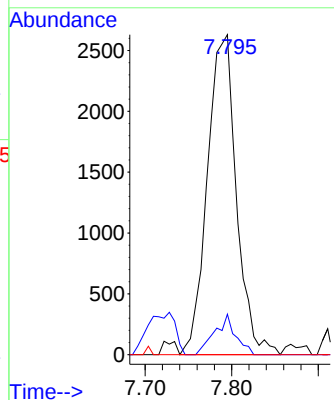
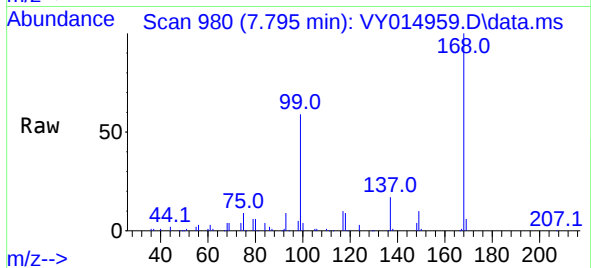




#36
1,1-Dichloropropene
Concen: 4.957 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

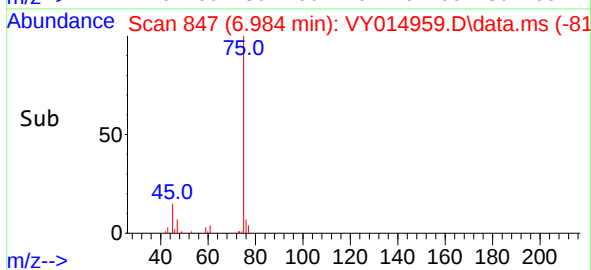
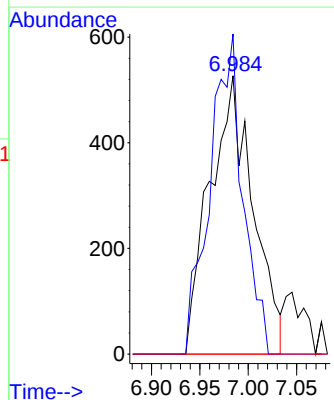
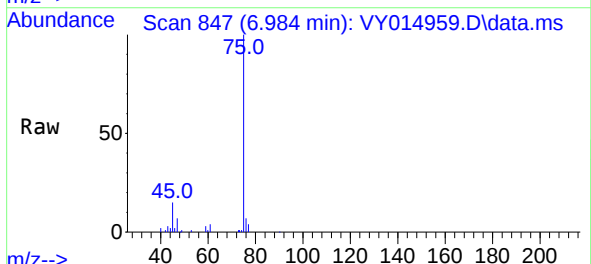
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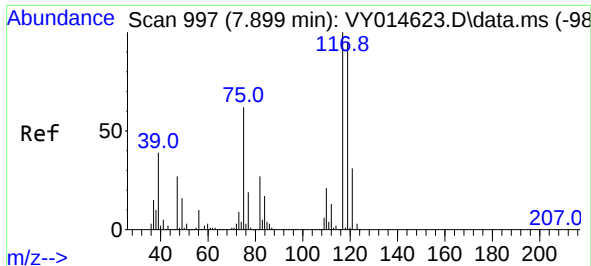
Tgt Ion: 75 Resp: 6132
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.923 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
61 87.4 10.1 15.1#
70 0.0 7.1 10.7#

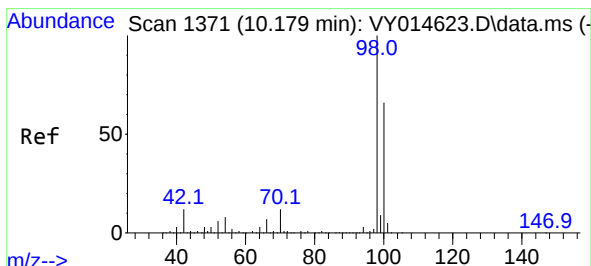
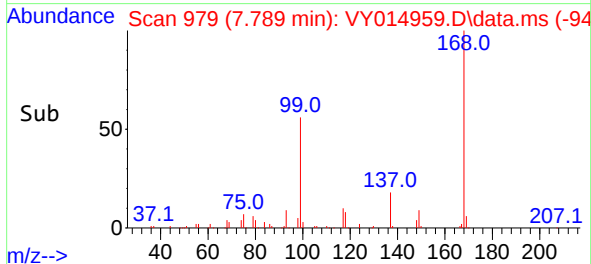
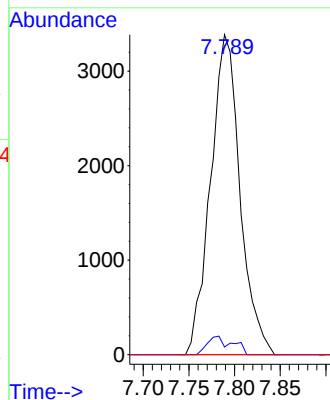
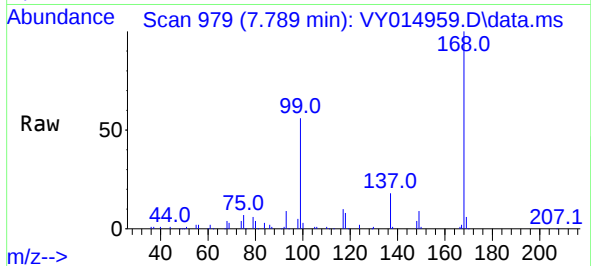




#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

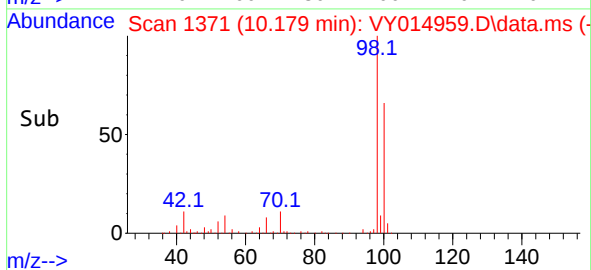
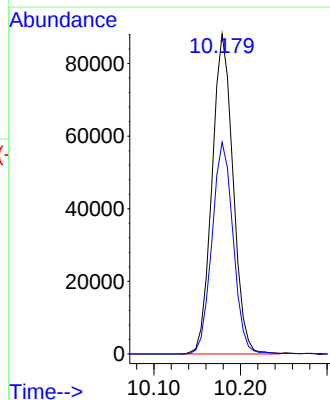
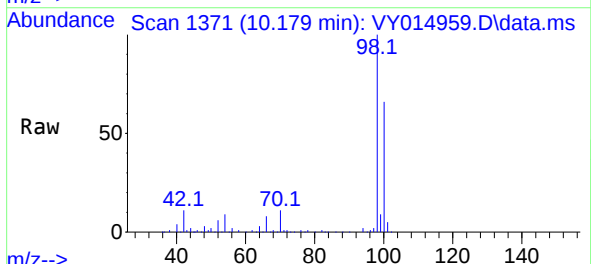
Instrument :
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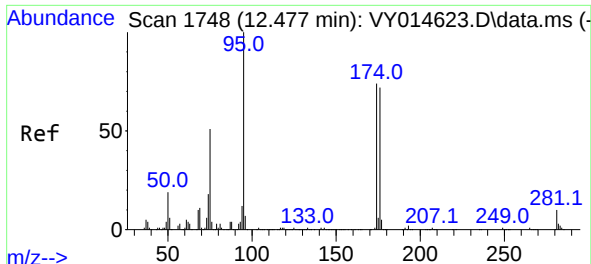
Tgt Ion:117 Resp: 7600
Ion Ratio Lower Upper
117 100
119 2.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.764 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

Tgt Ion: 98 Resp: 148713
Ion Ratio Lower Upper
98 100
100 66.6 50.1 75.1

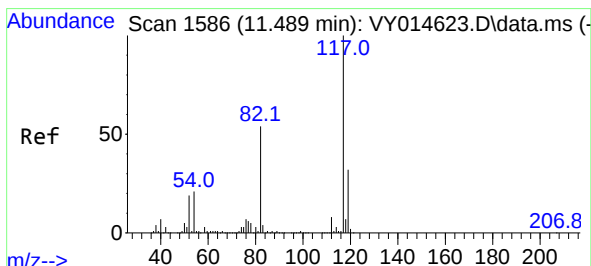
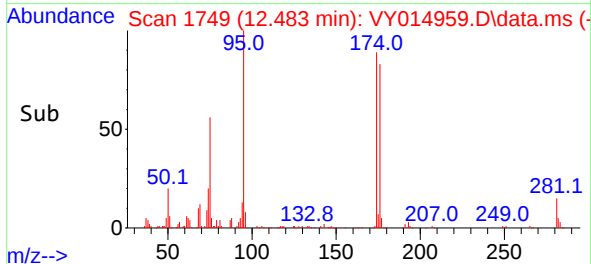
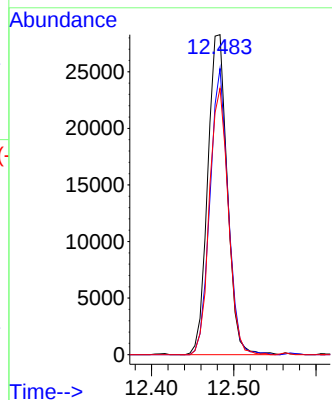
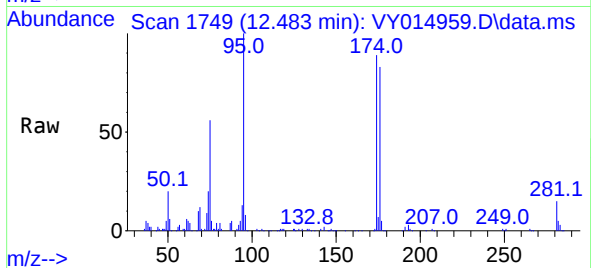




#62
4-Bromofluorobenzene
Concen: 39.915 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

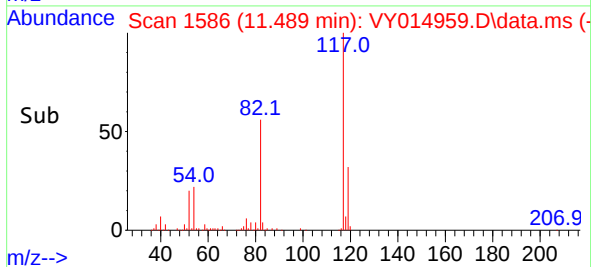
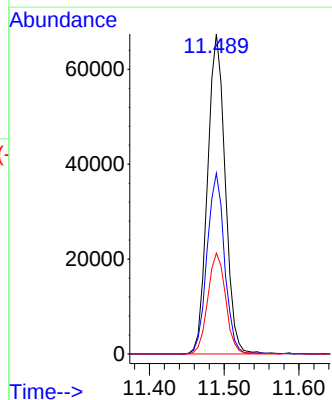
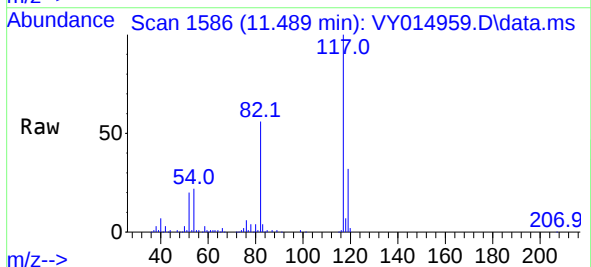
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

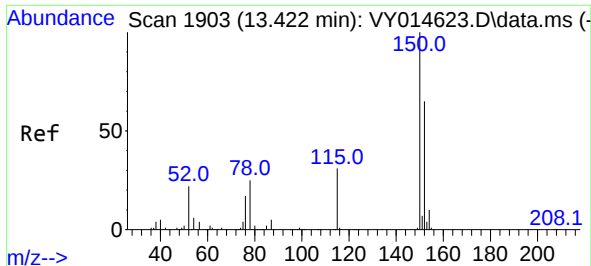
Tgt Ion: 95 Resp: 46675
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 80.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

Tgt Ion: 117 Resp: 110726
Ion Ratio Lower Upper
117 100
82 56.5 43.4 65.0
119 31.5 26.3 39.5

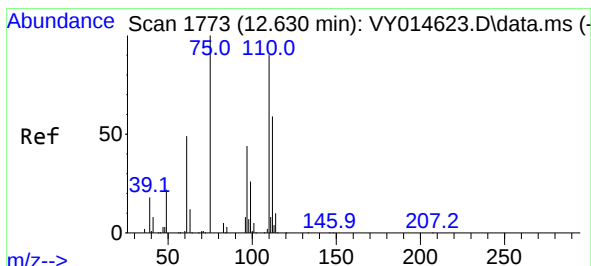
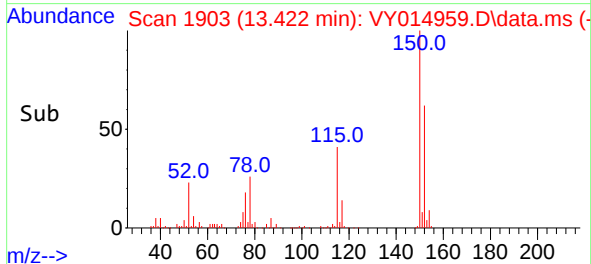
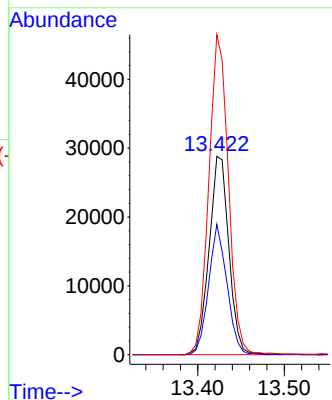
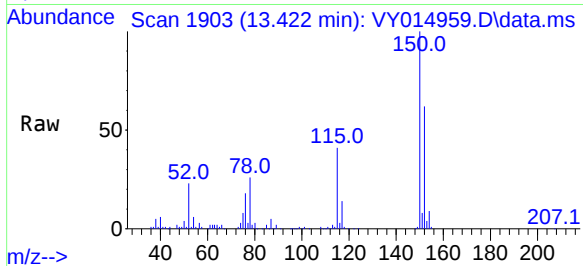




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014959.D
 Acq: 03 Aug 2023 19:23

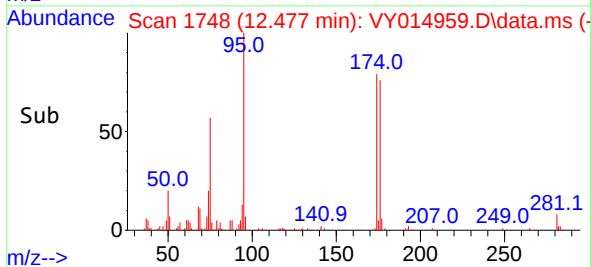
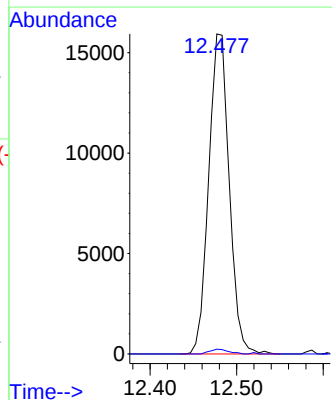
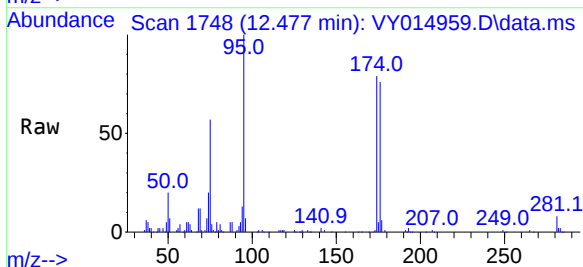
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

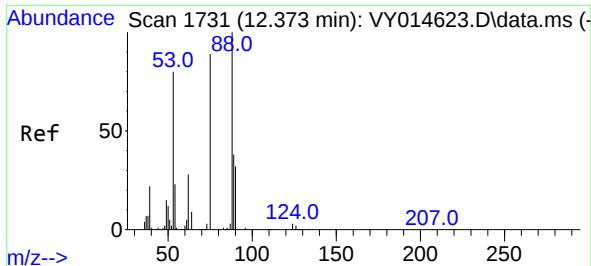
Tgt Ion:152 Resp: 45737
 Ion Ratio Lower Upper
 152 100
 115 60.8 28.8 86.5
 150 159.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 45.376 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014959.D
 Acq: 03 Aug 2023 19:23

Tgt Ion: 75 Resp: 26211
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.855 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014959.D
 Acq: 03 Aug 2023 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Tgt Ion: 75 Resp: 26211
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

