

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014712.D
 Acq On : 20 Jul 2023 11:47
 Operator : SY/MD
 Sample : VY0720SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBL01

Quant Time: Jul 20 14:08:52 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)

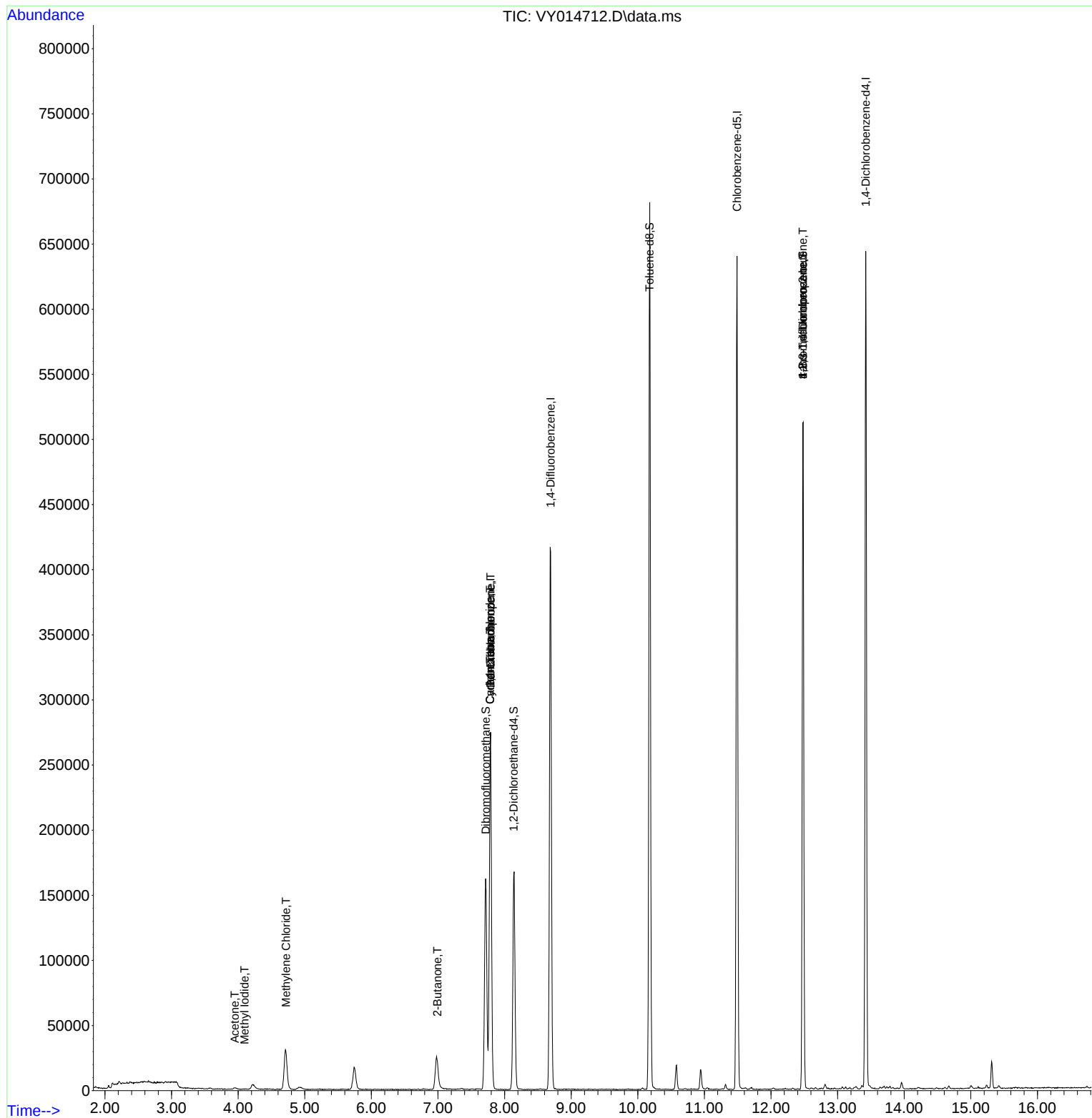
Internal Standards						
1) Pentafluorobenzene	7.789	168	210397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	370191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129391	53.968	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.940%			
35) Dibromofluoromethane	7.716	113	115954	49.205	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.420%			
50) Toluene-d8	10.179	98	433778	49.928	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.860%			
62) 4-Bromofluorobenzene	12.477	95	161907	48.601	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.200%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	317	2.498	ug/l #	78
11) Tert butyl alcohol	4.930	59	1224	Below Cal	#	96
16) Acetone	3.948	43	2474	3.256	ug/l #	82
20) Methylene Chloride	4.716	84	23344	5.718	ug/l	84
25) 2-Butanone	6.990	43	2344	2.109	ug/l #	77
31) Cyclohexane	7.783	56	4443	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16200	4.597	ug/l #	49
38) Carbon Tetrachloride	7.783	117	20847	5.596	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	84909	40.810	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	84909	79.016	ug/l #	10

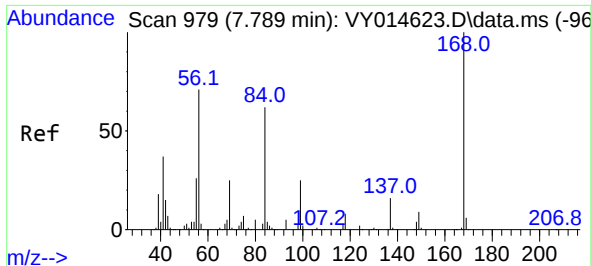
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
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ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

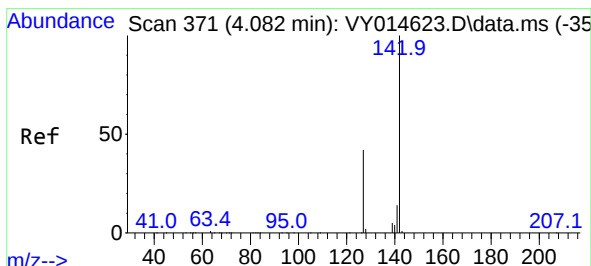
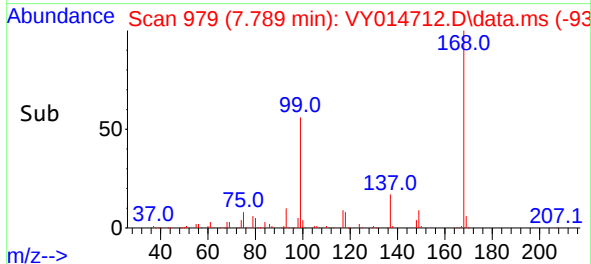
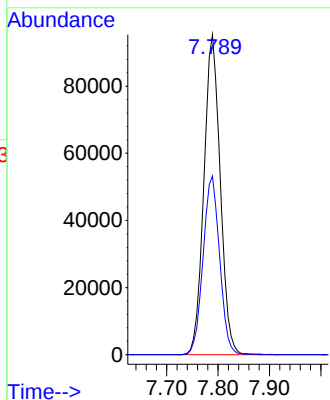
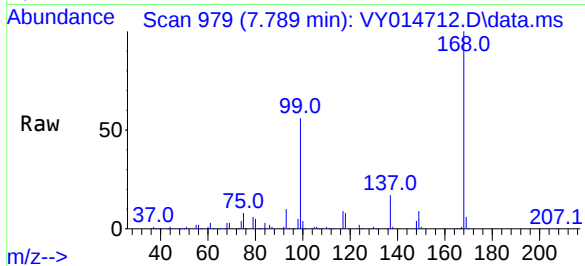




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

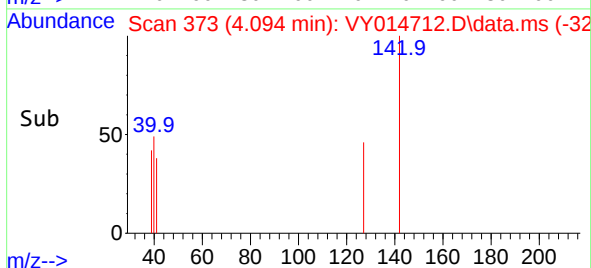
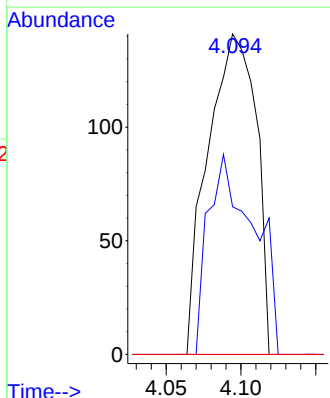
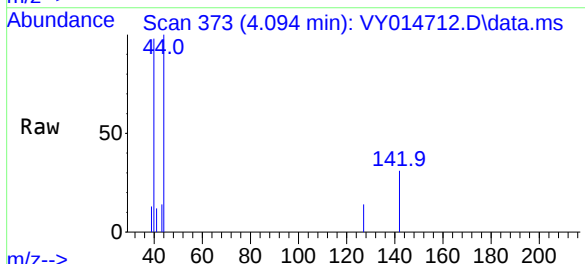
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

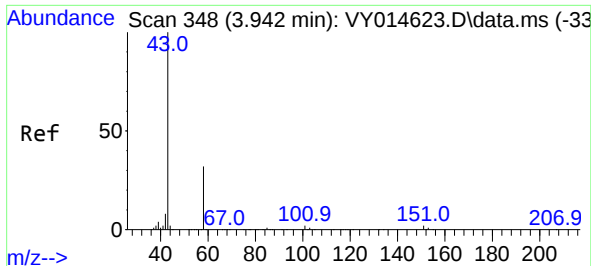
Tgt Ion:168 Resp: 210397
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.498 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Tgt Ion:142 Resp: 317
Ion Ratio Lower Upper
142 100
127 59.0 37.6 56.4#
141 0.0 11.8 17.8#

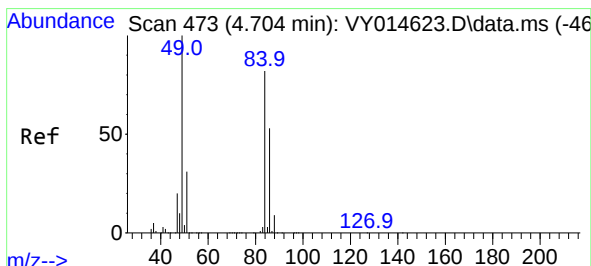
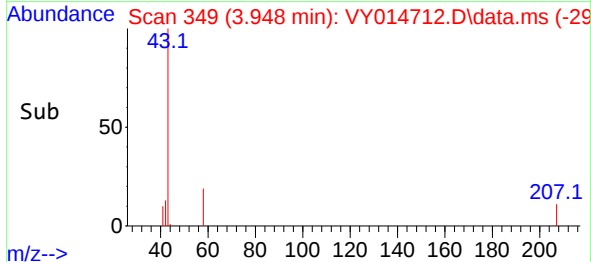
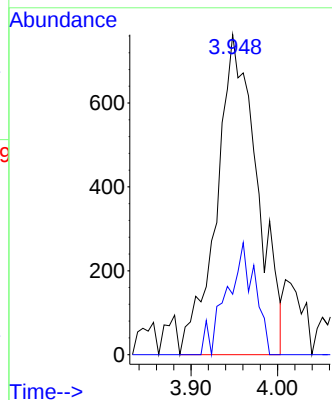
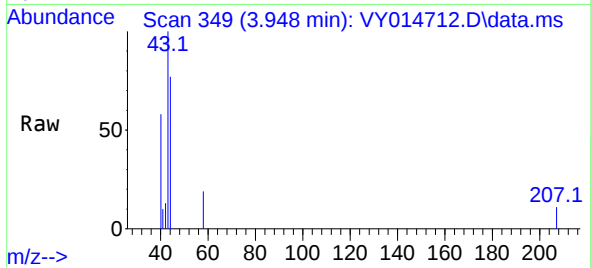




#16
Acetone
Concen: 3.256 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

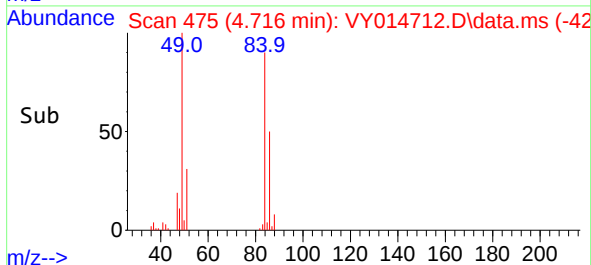
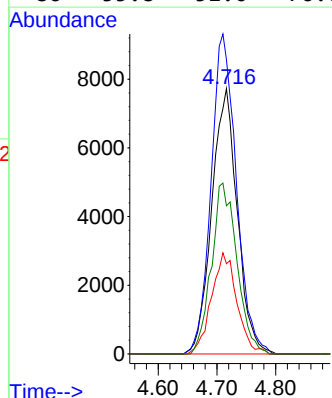
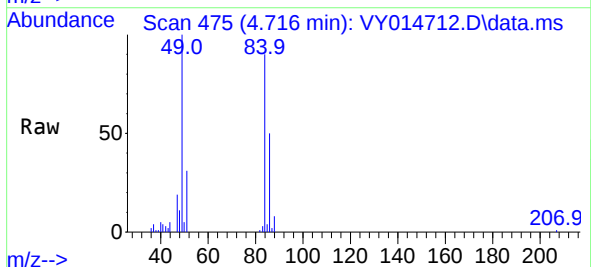
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

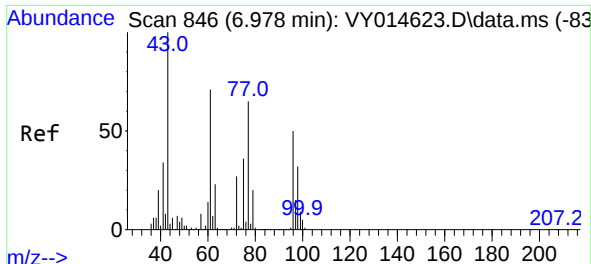
Tgt Ion: 43 Resp: 2474
Ion Ratio Lower Upper
43 100
58 18.9 22.7 34.1#



#20
Methylene Chloride
Concen: 5.718 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Tgt Ion: 84 Resp: 23344
Ion Ratio Lower Upper
84 100
49 110.9 106.9 160.3
51 34.0 33.2 49.8
86 55.8 51.0 76.6

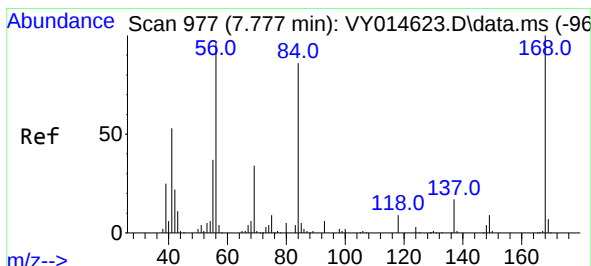
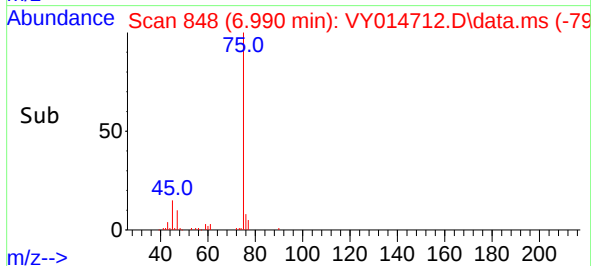
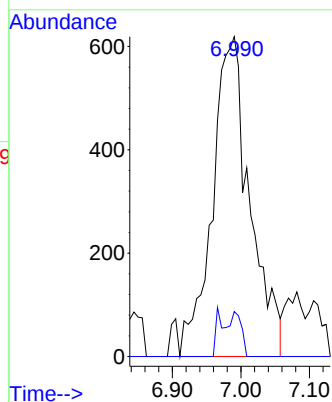
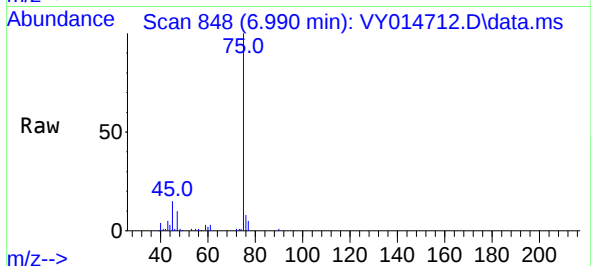




#25
2-Butanone
Concen: 2.109 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

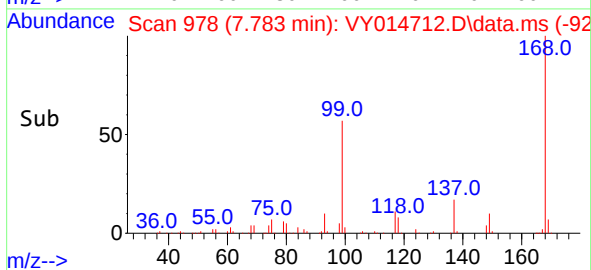
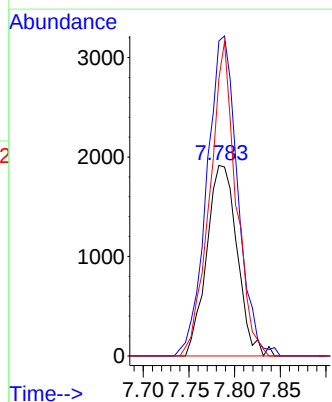
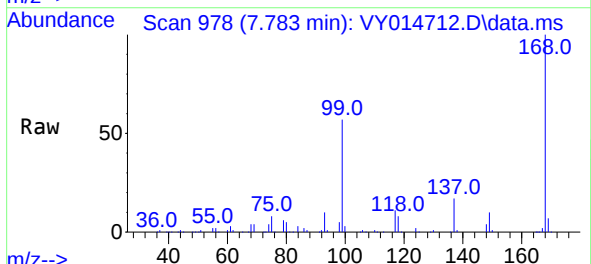
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

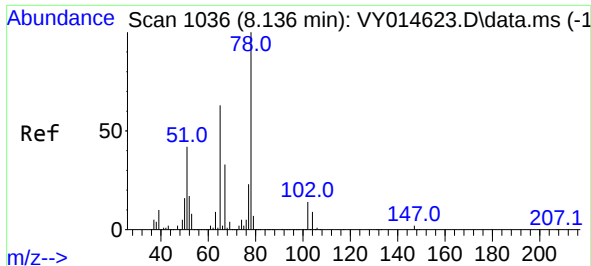
Tgt Ion: 43 Resp: 2344
Ion Ratio Lower Upper
43 100
72 14.1 20.5 30.7#



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Tgt Ion: 56 Resp: 4443
Ion Ratio Lower Upper
56 100
69 165.3 27.8 41.6#
84 145.7 66.4 99.6#

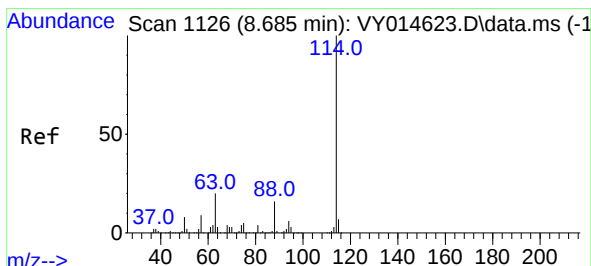
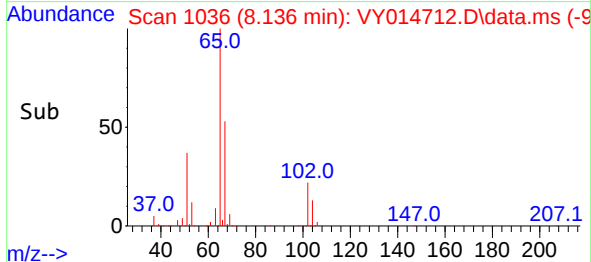
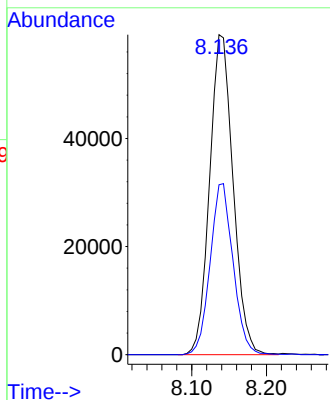
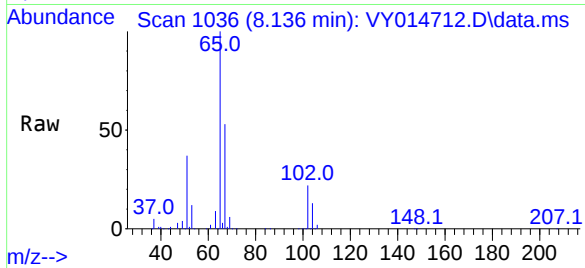




#33
1,2-Dichloroethane-d4
Concen: 53.968 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

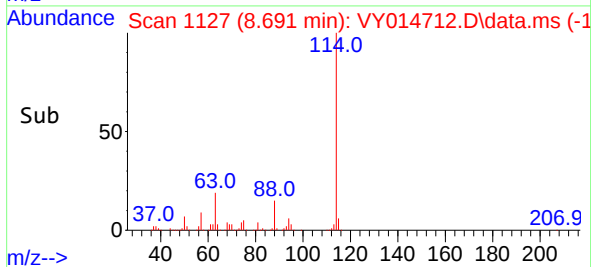
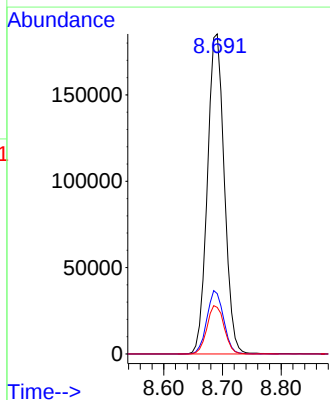
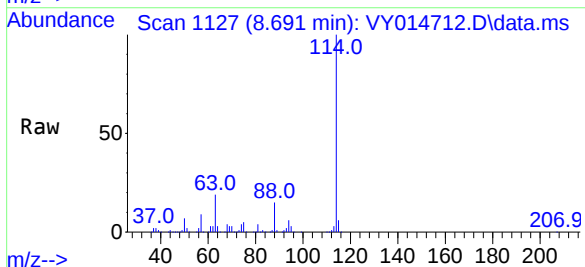
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

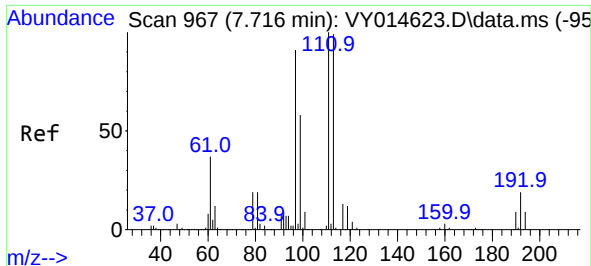
Tgt Ion: 65 Resp: 129391
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Tgt Ion:114 Resp: 370191
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 14.6 0.0 30.6

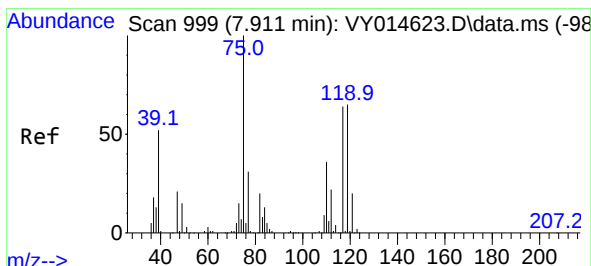
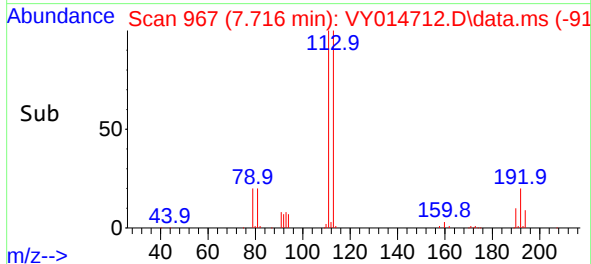
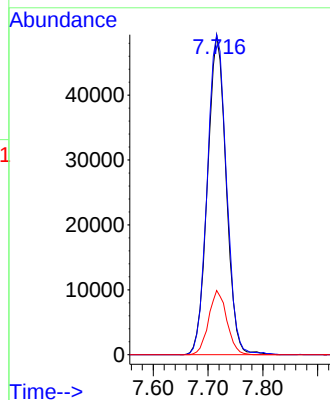
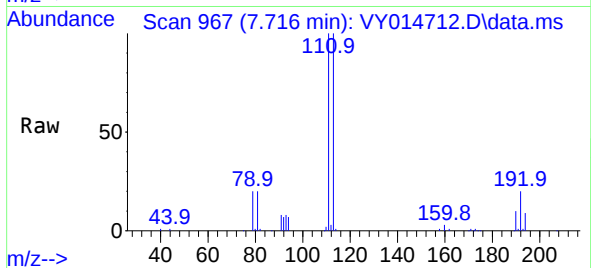




#35
Dibromofluoromethane
Concen: 49.205 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

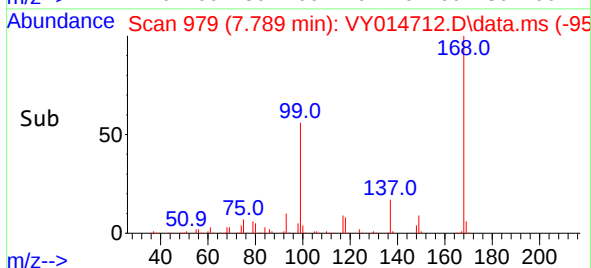
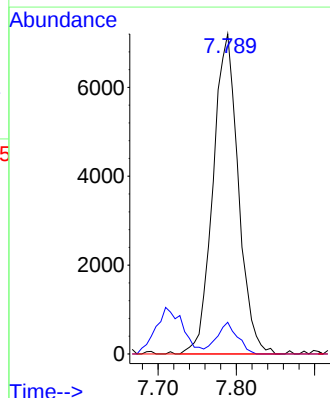
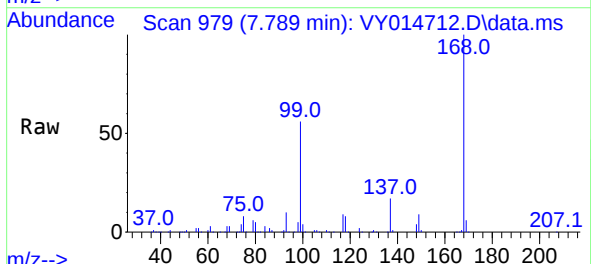
Instrument :
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ClientSampleId :
VY0720SBL01

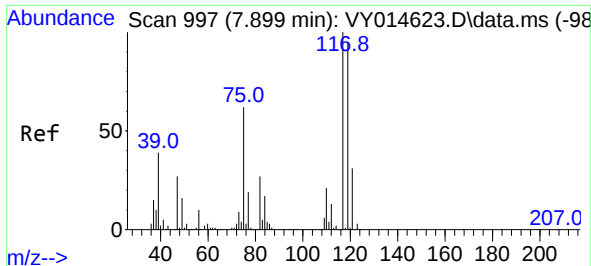
Tgt Ion:113 Resp: 115954
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Tgt Ion: 75 Resp: 16200
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.5#
77 0.0 24.4 36.6#

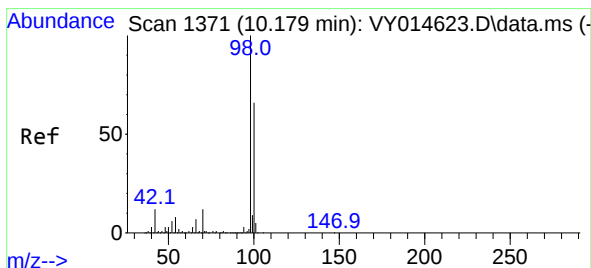
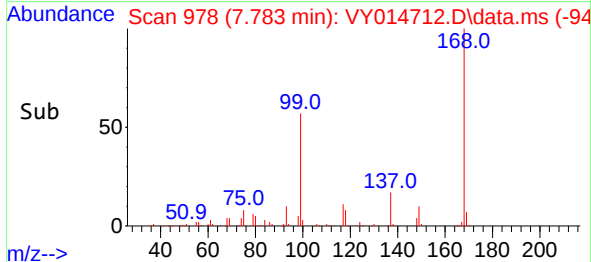
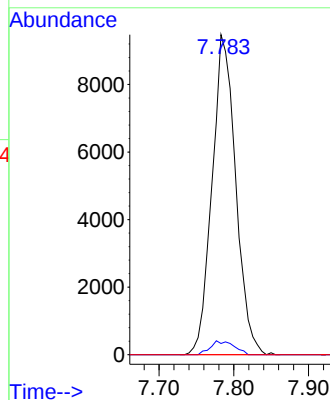
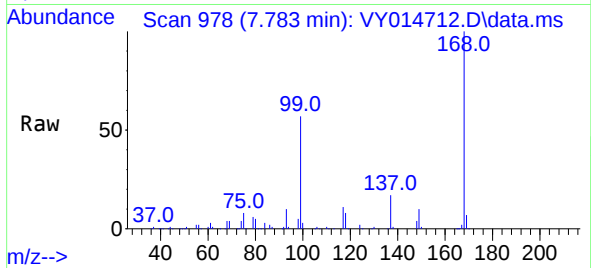




#38
Carbon Tetrachloride
Concen: 5.596 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

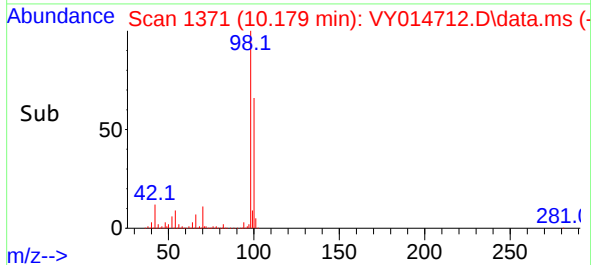
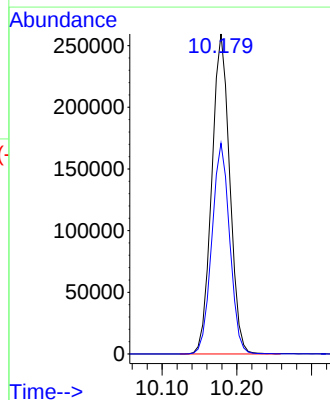
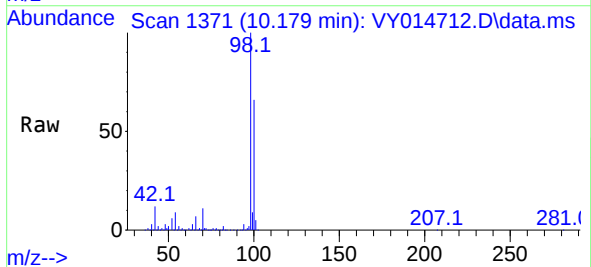
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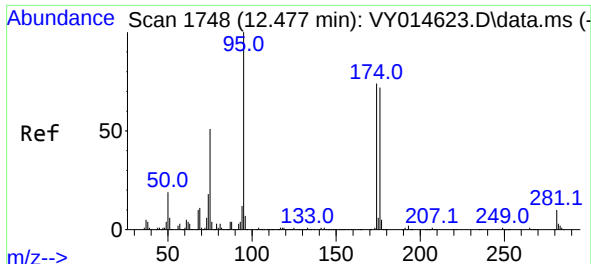
Tgt Ion:117 Resp: 20847
Ion Ratio Lower Upper
117 100
119 3.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.928 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Tgt Ion: 98 Resp: 433778
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

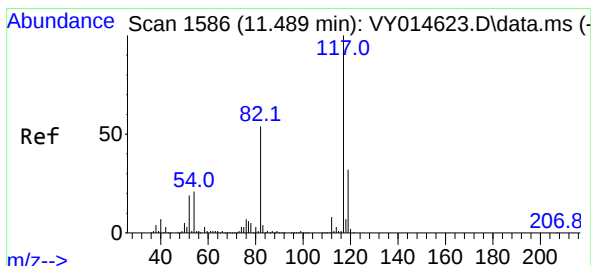
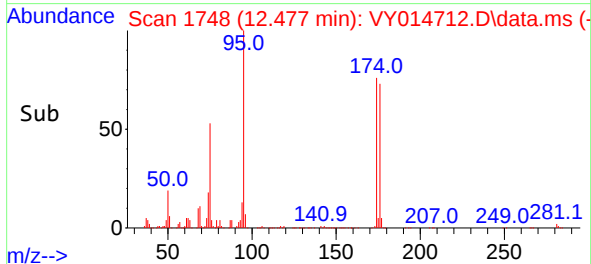
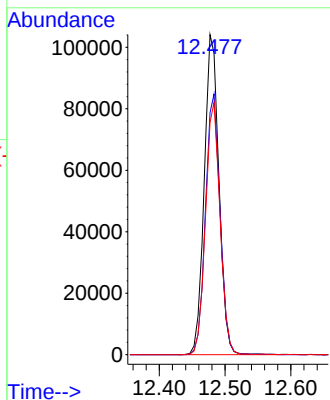
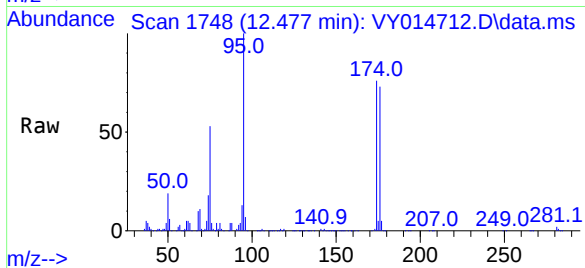




#62
4-Bromofluorobenzene
Concen: 48.601 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

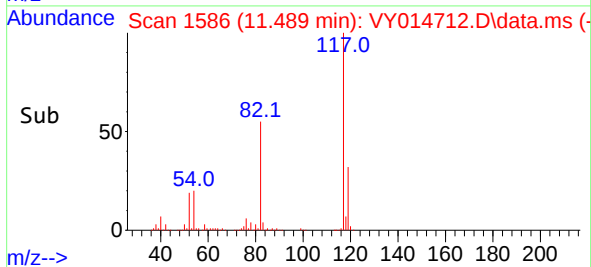
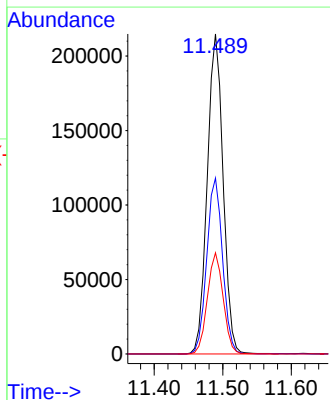
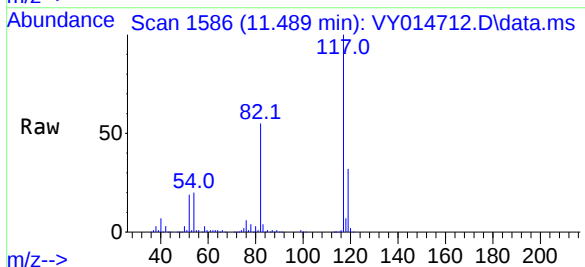
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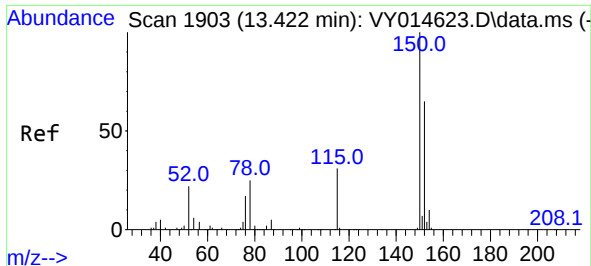
Tgt Ion: 95 Resp: 161907
Ion Ratio Lower Upper
95 100
174 80.8 0.0 178.2
176 78.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

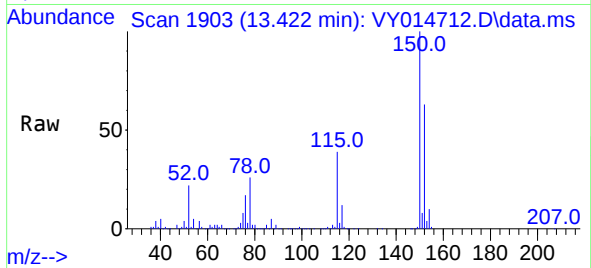
Tgt Ion: 117 Resp: 346346
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 31.6 26.3 39.5



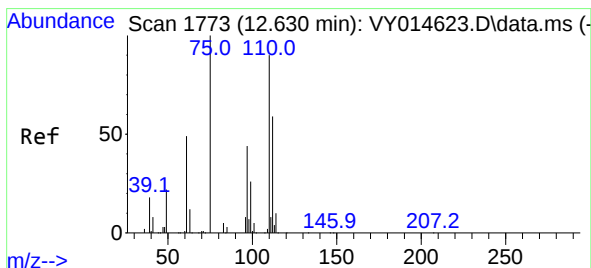
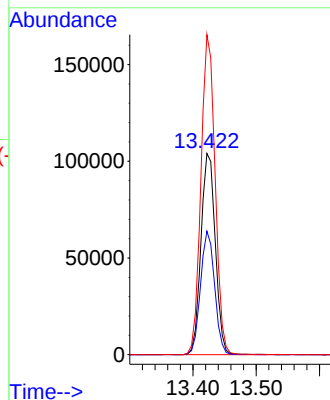
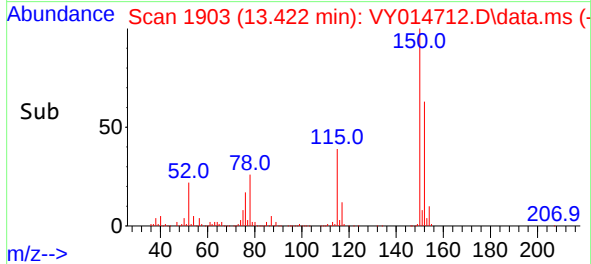


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

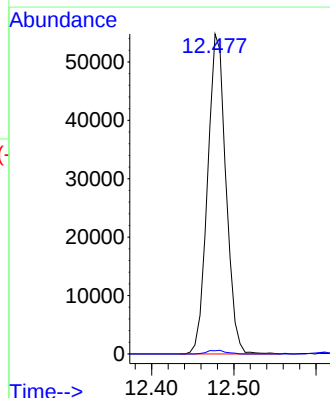
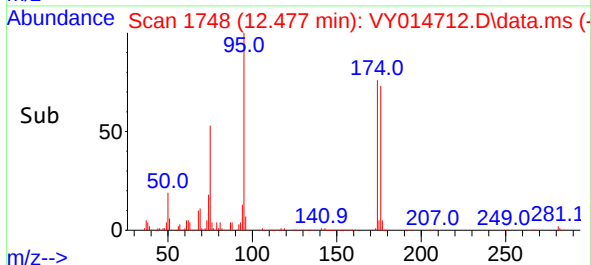
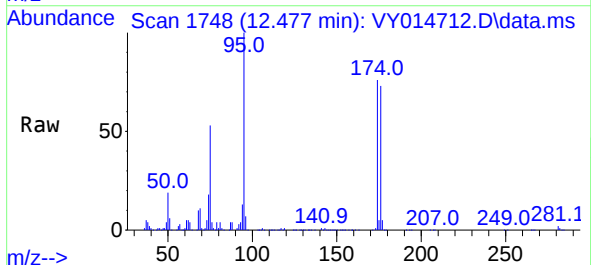


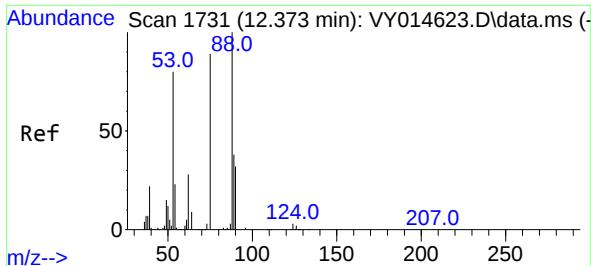
Tgt Ion:152 Resp: 164736
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.5
150 156.8 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.810 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

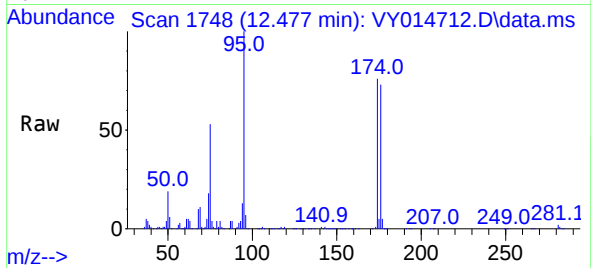
Tgt Ion: 75 Resp: 84909
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.016 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01



Tgt Ion: 75 Resp: 84909
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

