

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014763.D
 Acq On : 24 Jul 2023 11:35
 Operator : SY/MD
 Sample : VY0724SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBL01

Quant Time: Jul 24 13:00:35 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)

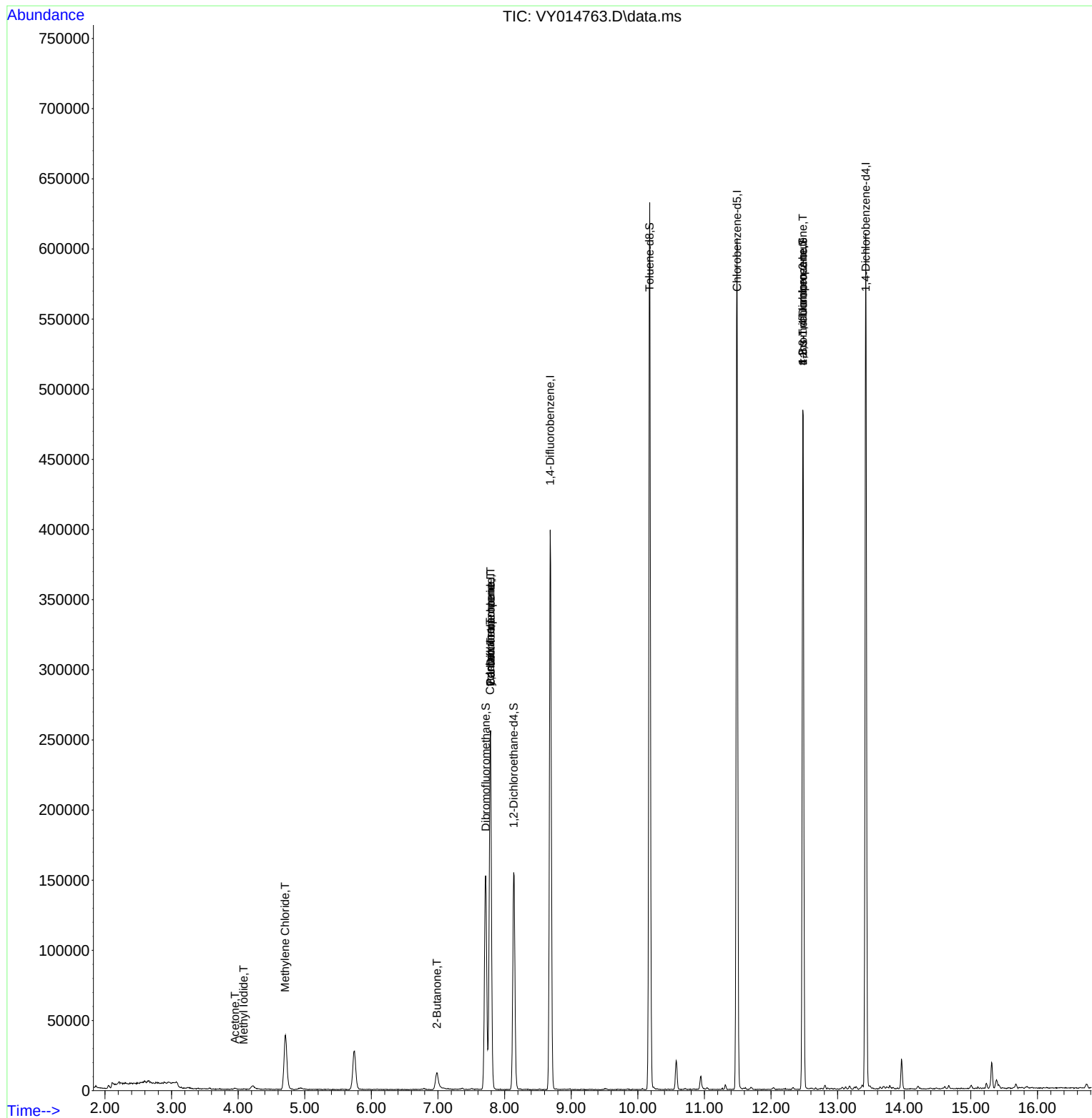
Internal Standards						
1) Pentafluorobenzene	7.789	168	203591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	346941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	323048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121772	52.488	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.980%			
35) Dibromofluoromethane	7.716	113	110175	49.886	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.780%			
50) Toluene-d8	10.179	98	408685	50.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.477	95	150668	48.258	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.520%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	506	2.581	ug/l #	67
11) Tert butyl alcohol	4.948	59	1658	Below Cal	#	93
16) Acetone	3.954	43	1630	2.217	ug/l	99
20) Methylene Chloride	4.704	84	29394	8.831	ug/l	90
25) 2-Butanone	6.984	43	1492	1.387	ug/l	90
31) Cyclohexane	7.783	56	4281	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15812	4.787	ug/l #	50
38) Carbon Tetrachloride	7.789	117	20027	5.736	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	78750	40.627	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	78750	78.662	ug/l #	11

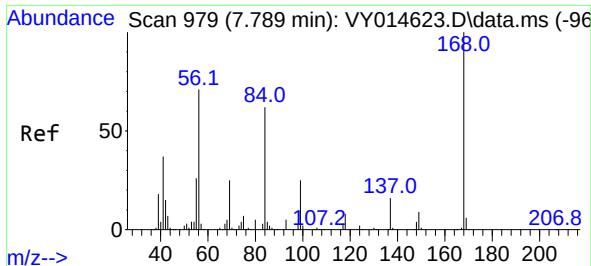
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

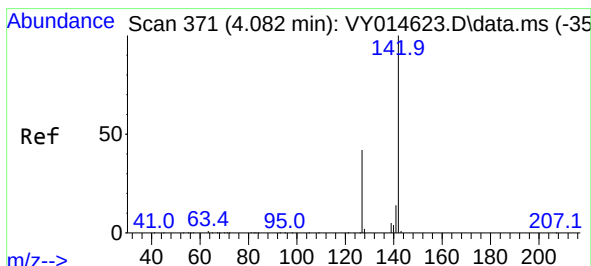
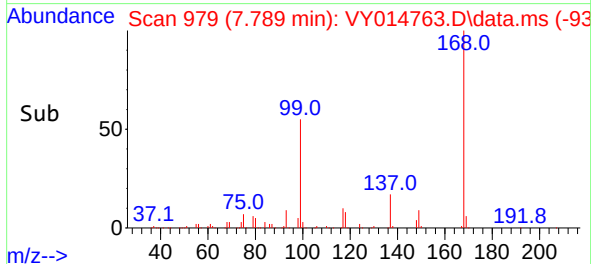
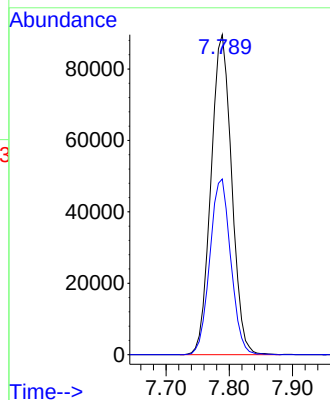
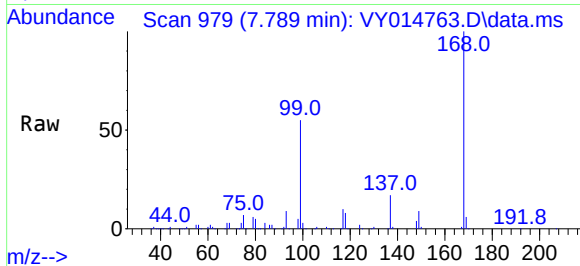




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

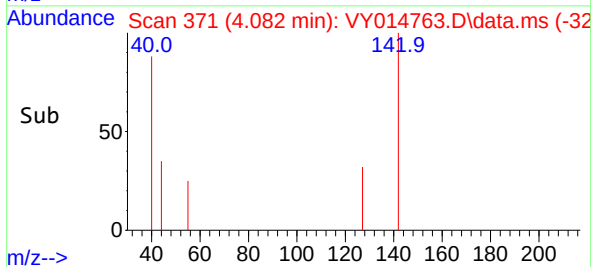
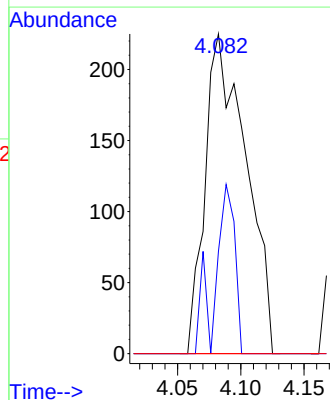
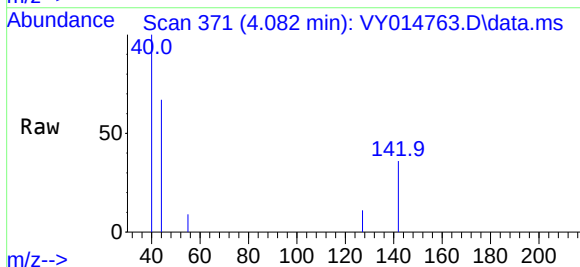
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBL01

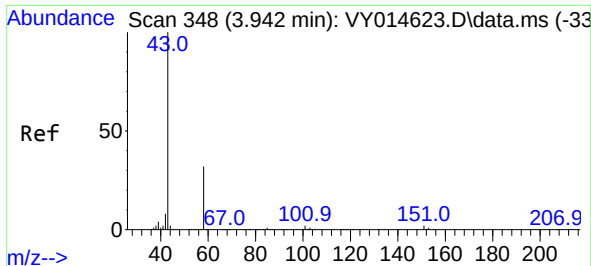
Tgt Ion:168 Resp: 203591
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.581 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

Tgt Ion:142 Resp: 506
Ion Ratio Lower Upper
142 100
127 25.7 37.6 56.4#
141 0.0 11.8 17.8#

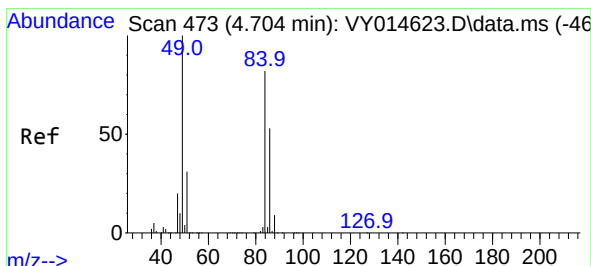
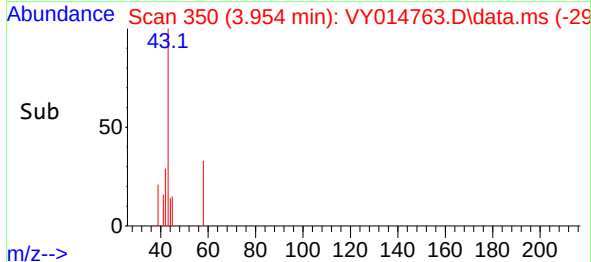
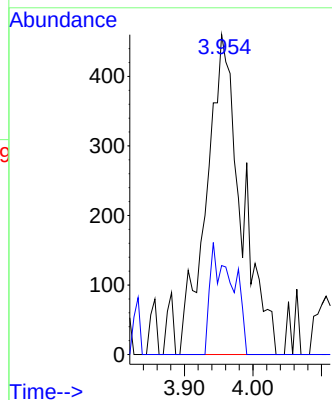
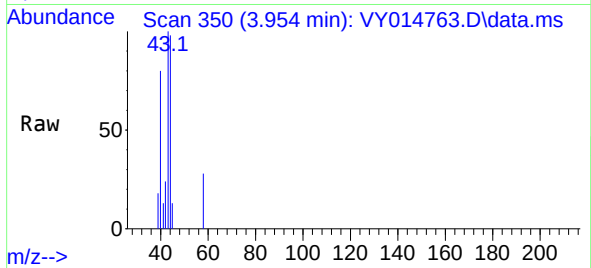




#16
Acetone
Concen: 2.217 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

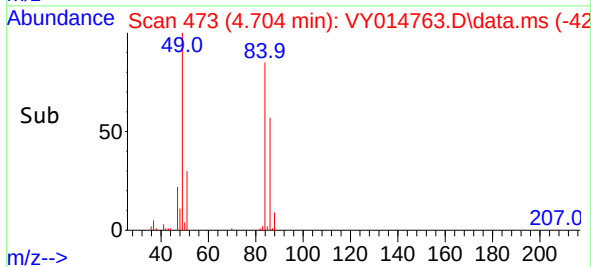
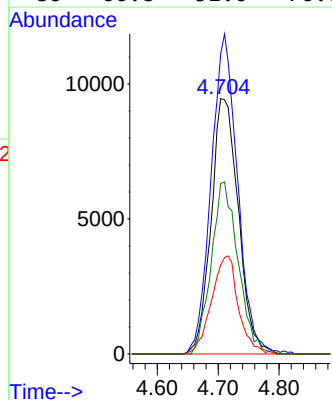
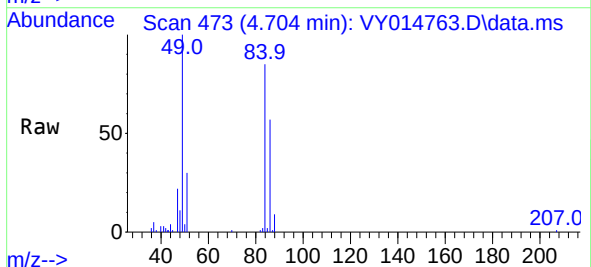
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBL01

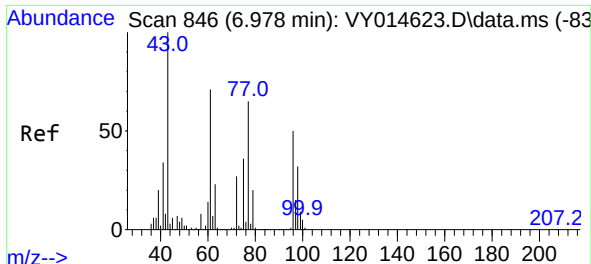
Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
58 27.8 22.7 34.1



#20
Methylene Chloride
Concen: 8.831 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

Tgt Ion: 84 Resp: 29394
Ion Ratio Lower Upper
84 100
49 117.5 106.9 160.3
51 34.8 33.2 49.8
86 66.8 51.0 76.6

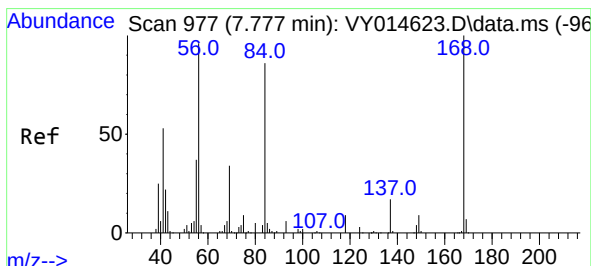
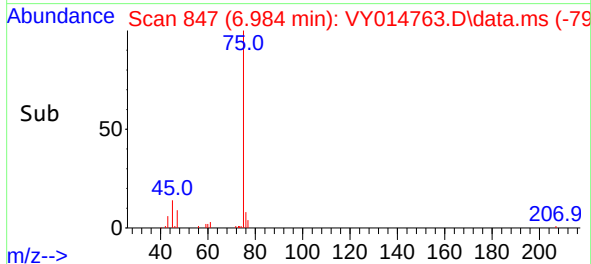
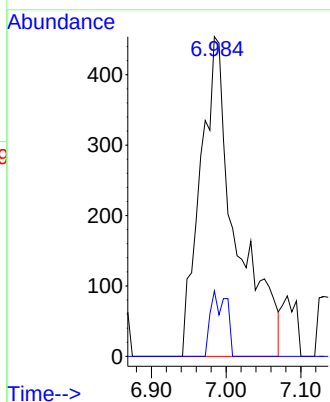
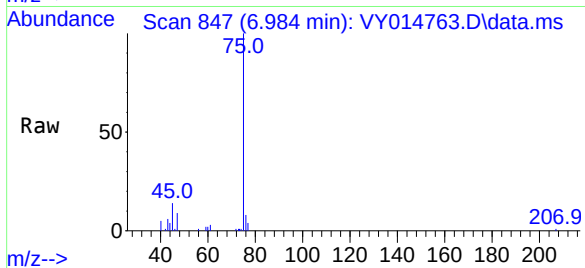




#25
2-Butanone
Concen: 1.387 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

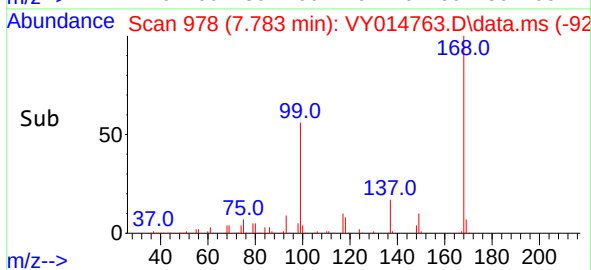
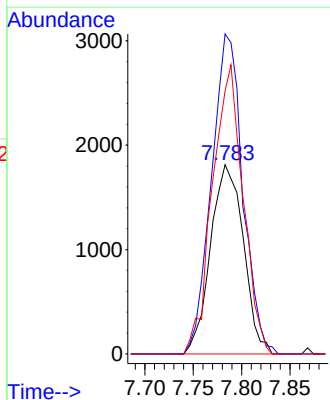
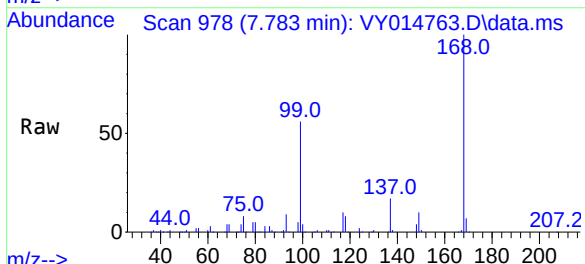
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBL01

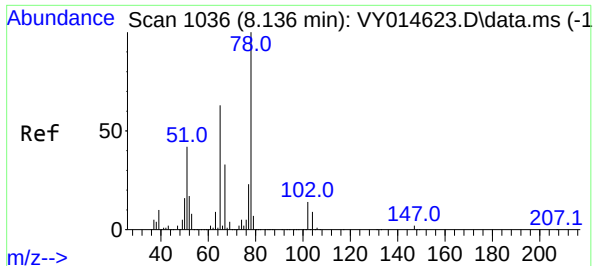
Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
72 20.5 20.5 30.7



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

Tgt Ion: 56 Resp: 4281
Ion Ratio Lower Upper
56 100
69 169.1 27.8 41.6#
84 139.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 52.488 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014763.D

Acq: 24 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

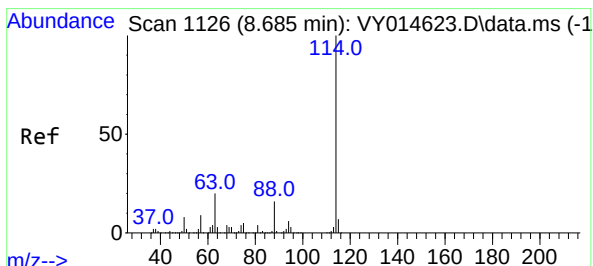
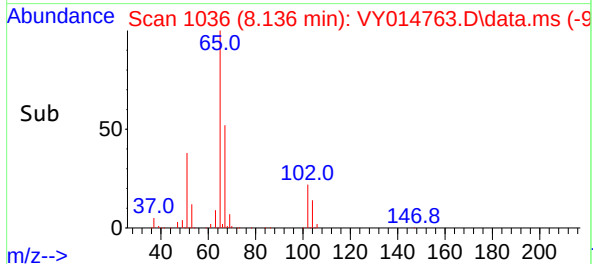
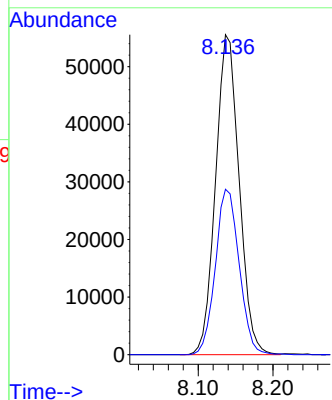
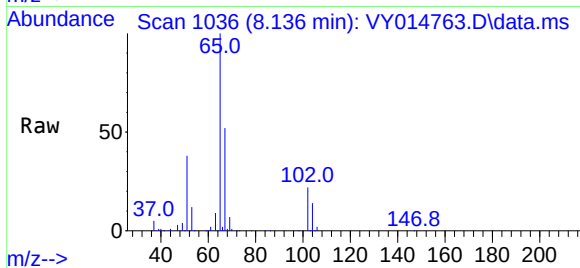
VY0724SBL01

Tgt Ion: 65 Resp: 121772

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014763.D

Acq: 24 Jul 2023 11:35

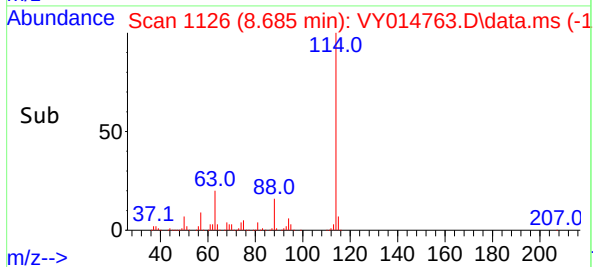
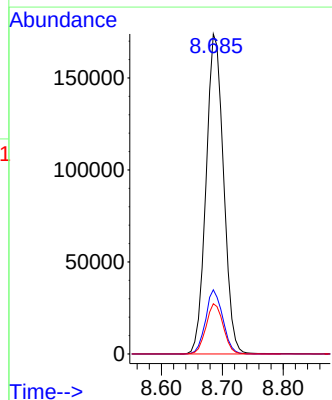
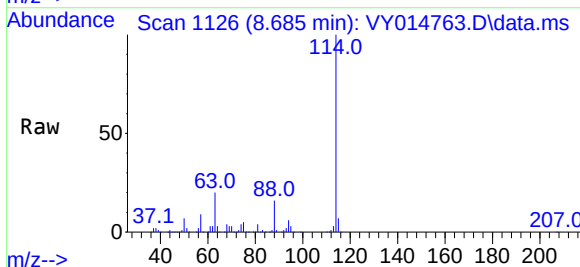
Tgt Ion:114 Resp: 346941

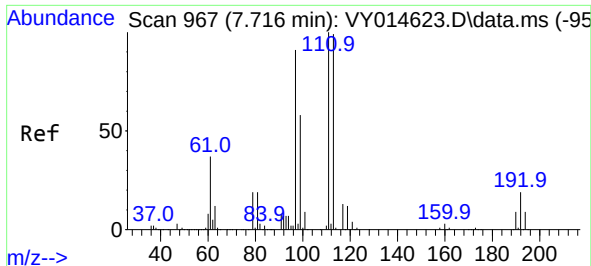
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.7 0.0 30.6

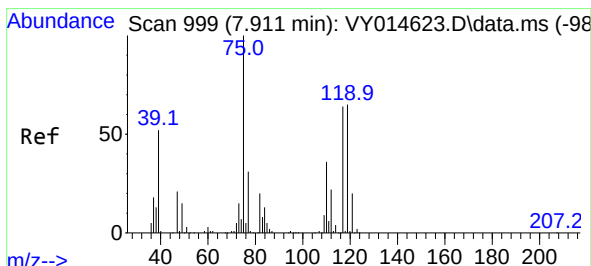
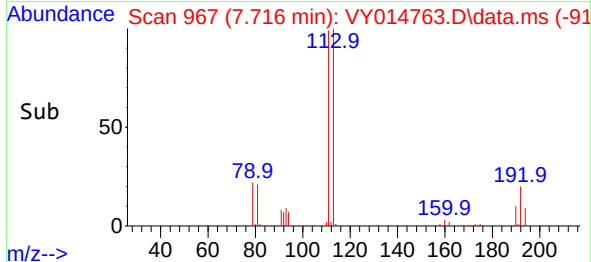
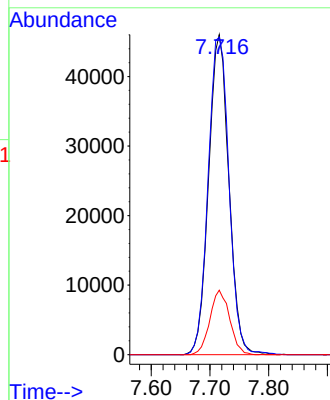
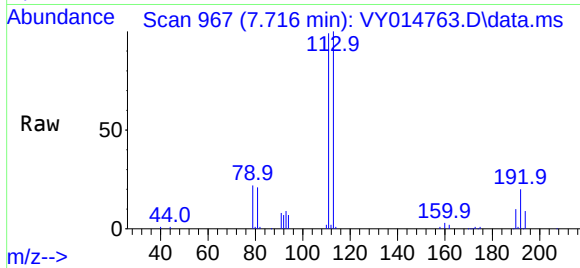




#35
Dibromofluoromethane
Concen: 49.886 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

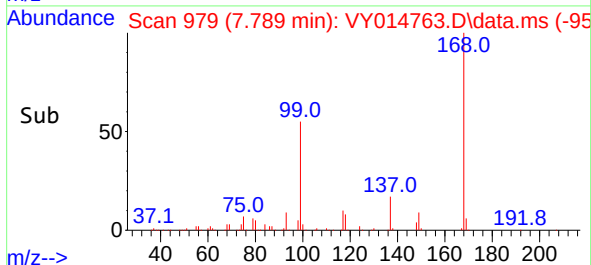
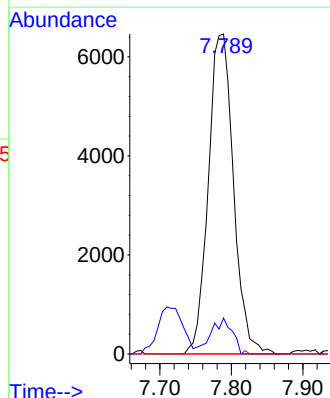
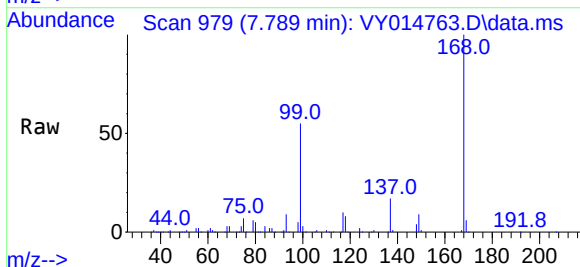
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBL01

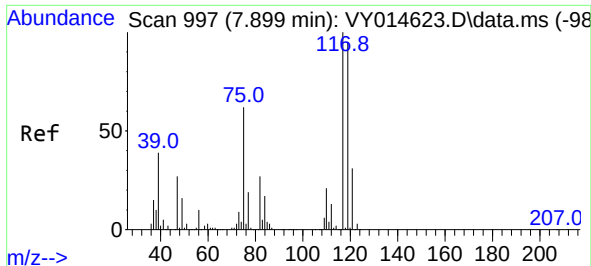
Tgt Ion:113 Resp: 110175
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.787 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

Tgt Ion: 75 Resp: 15812
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#

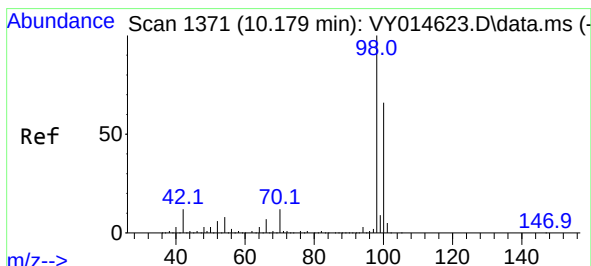
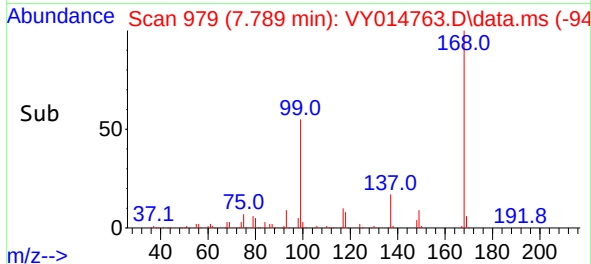
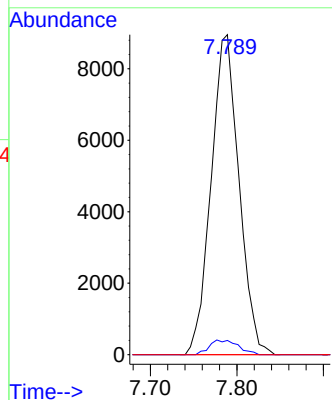
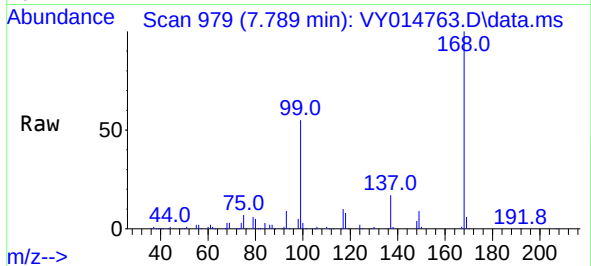




#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

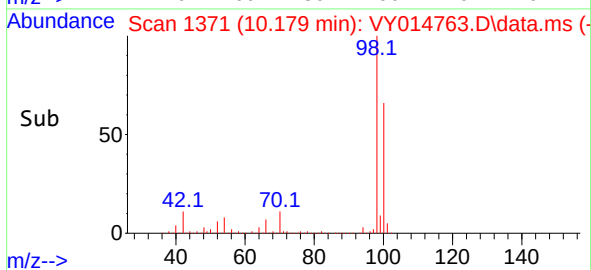
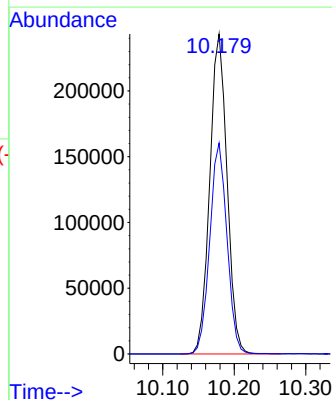
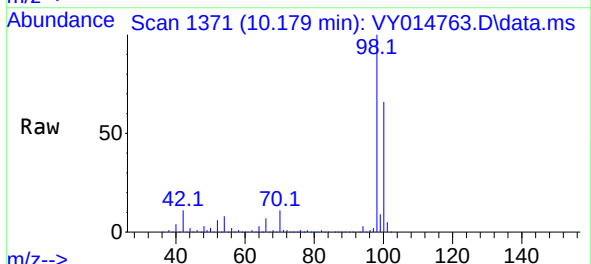
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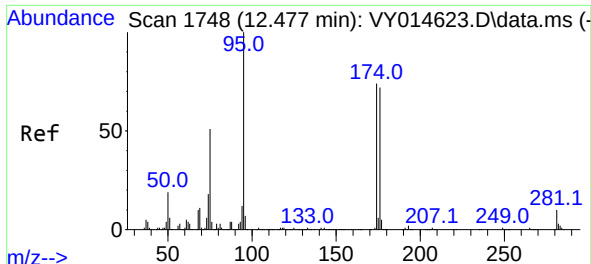
Tgt Ion:117 Resp: 20027
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.192 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

Tgt Ion: 98 Resp: 408685
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

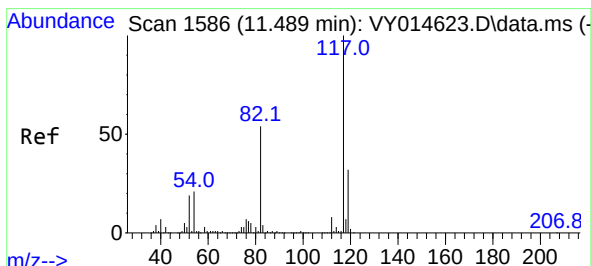
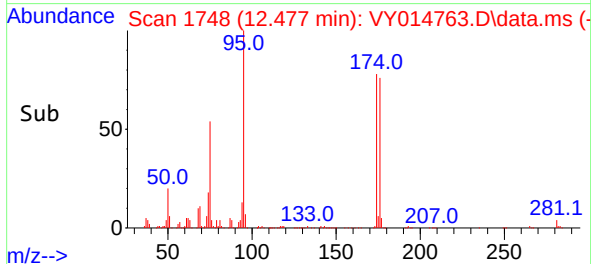
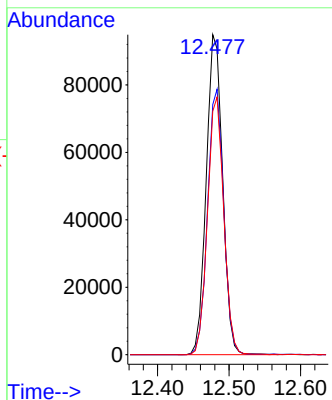
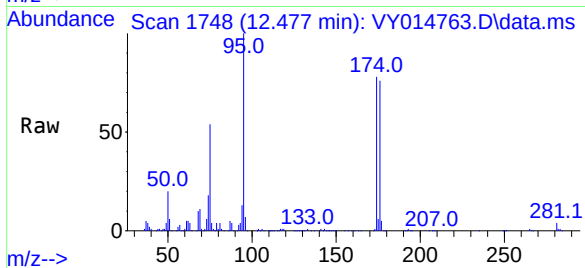




#62
4-Bromofluorobenzene
Concen: 48.258 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

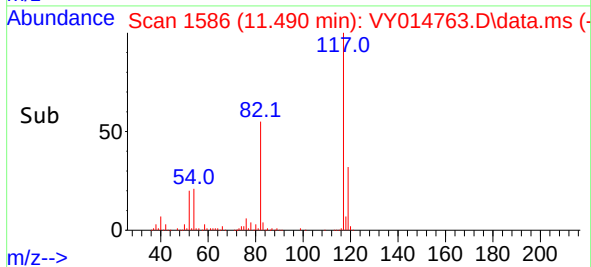
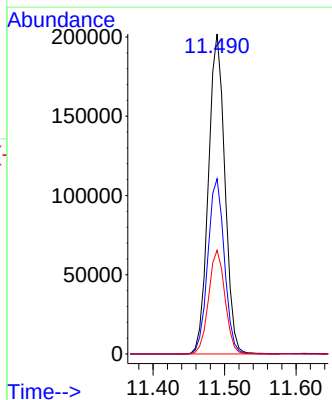
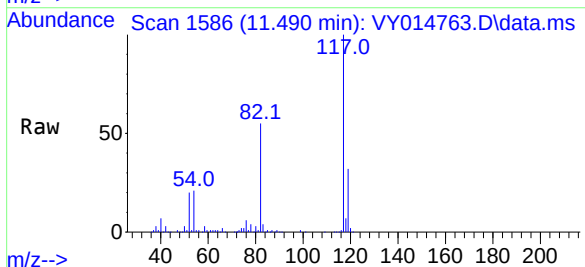
Instrument :
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VY0724SBL01

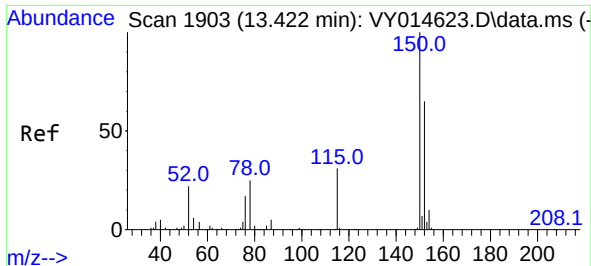
Tgt Ion: 95 Resp: 150668
Ion Ratio Lower Upper
95 100
174 81.8 0.0 178.2
176 79.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

Tgt Ion: 117 Resp: 323048
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.4 26.3 39.5

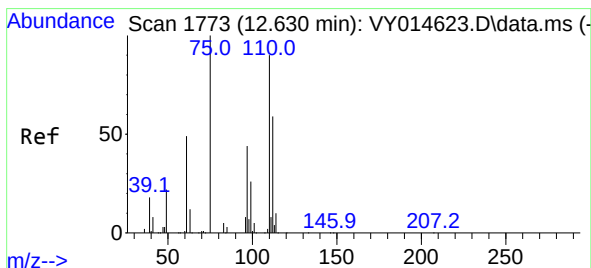
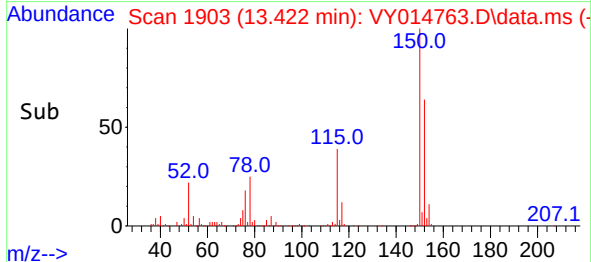
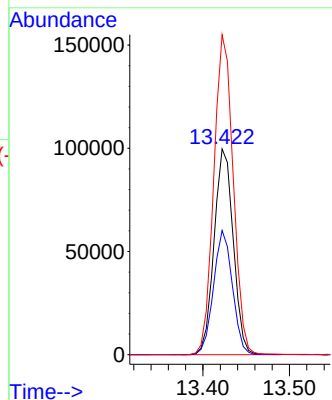
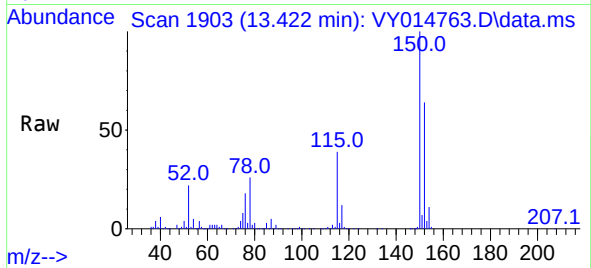




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014763.D
 Acq: 24 Jul 2023 11:35

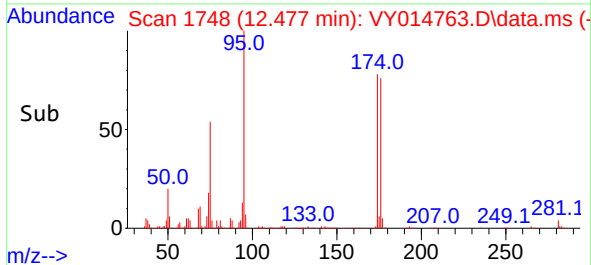
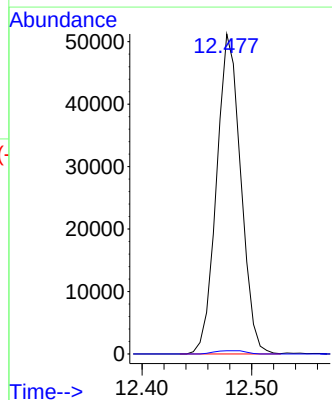
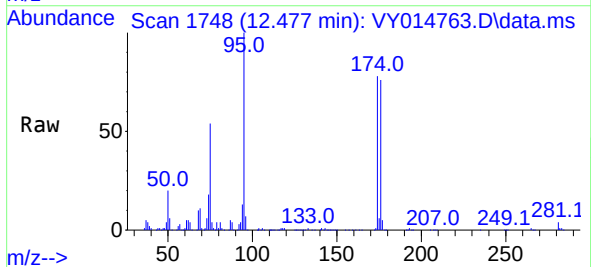
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBL01

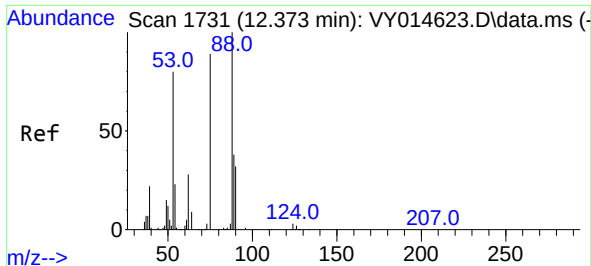
Tgt Ion:152 Resp: 153475
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.8 86.5
 150 157.5 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.627 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014763.D
 Acq: 24 Jul 2023 11:35

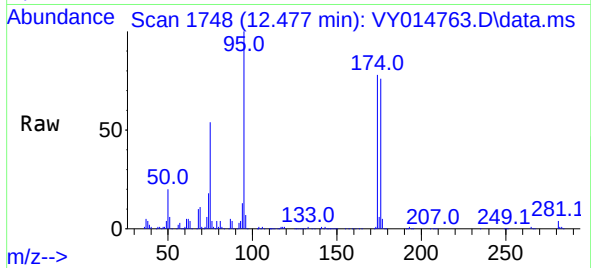
Tgt Ion: 75 Resp: 78750
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.662 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014763.D
Acq: 24 Jul 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBL01



Tgt Ion: 75 Resp: 78750
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

