

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009116.D
 Acq On : 26 May 2022 14:26
 Operator : KP/MD
 Sample : N2981-18
 Misc : 2.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(3.5-4)

Quant Time: May 27 03:24:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

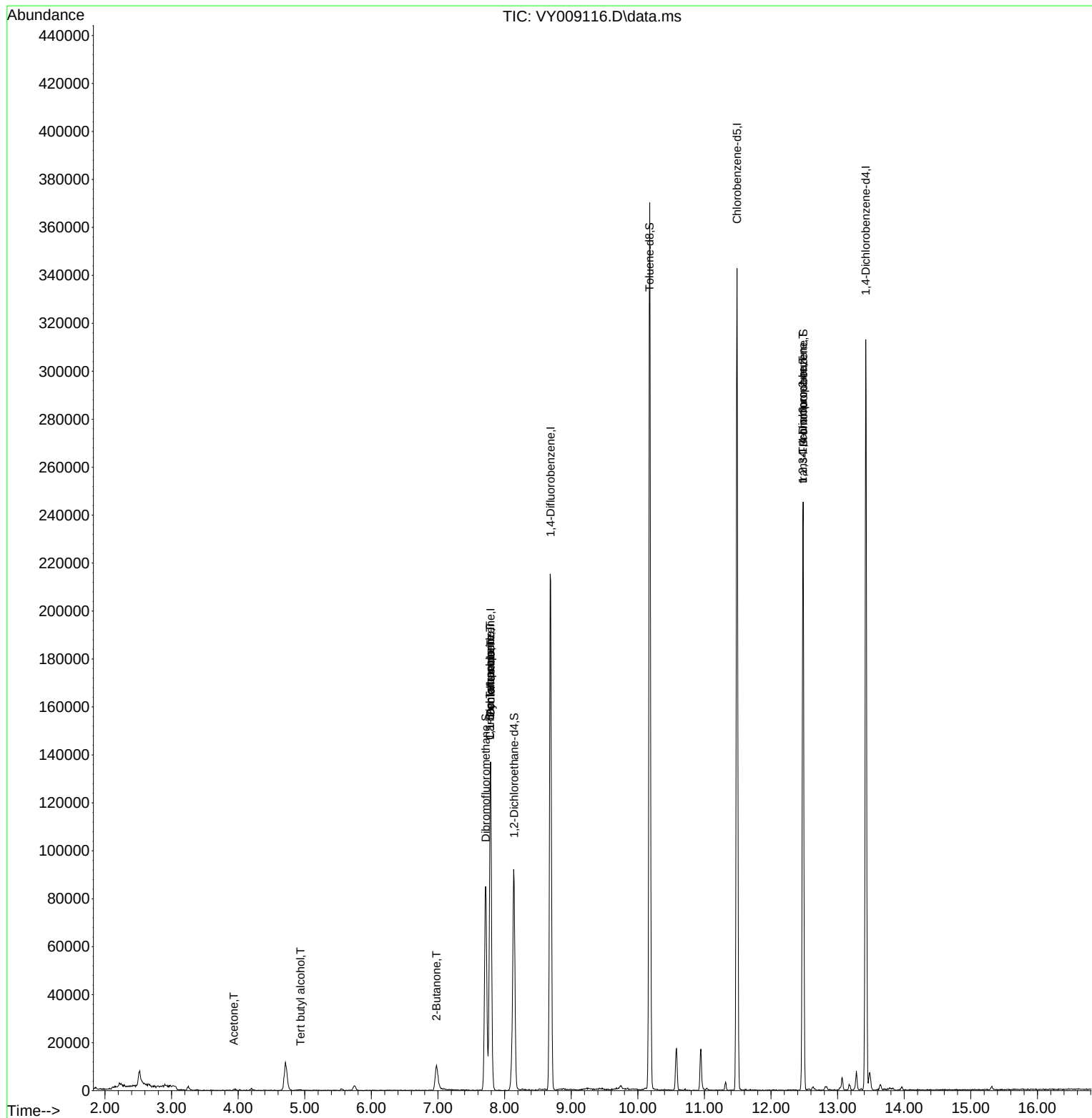
Internal Standards						
1) Pentafluorobenzene	7.789	168	102753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	173719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62600	59.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.400%
35) Dibromofluoromethane	7.716	113	58318	51.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.660%
50) Toluene-d8	10.179	98	228080	54.942	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.880%
62) 4-Bromofluorobenzene	12.483	95	65281	38.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	190	1.771	ug/l #	77
16) Acetone	3.936	43	936	4.252	ug/l #	83
20) Methylene Chloride	4.710	84	8346	Below Cal	#	91
25) 2-Butanone	6.978	43	574	1.460	ug/l #	54
31) Cyclohexane	7.789	56	2528	1.222	ug/l #	28
36) 1,1-Dichloropropene	7.783	75	8669	4.527	ug/l #	51
38) Carbon Tetrachloride	7.783	117	9919	4.951	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	37408	46.991	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37408	96.449	ug/l #	7

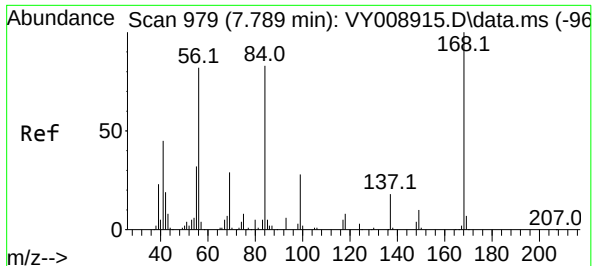
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
Data File : VY009116.D
Acq On : 26 May 2022 14:26
Operator : KP/MD
Sample : N2981-18
Misc : 2.57g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

Quant Time: May 27 03:24:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

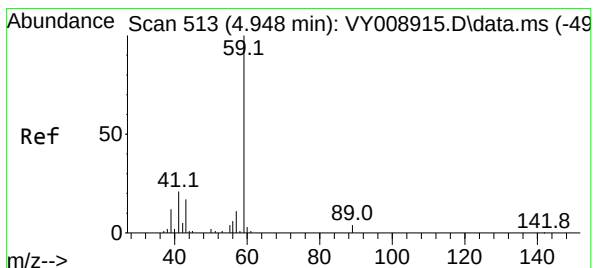
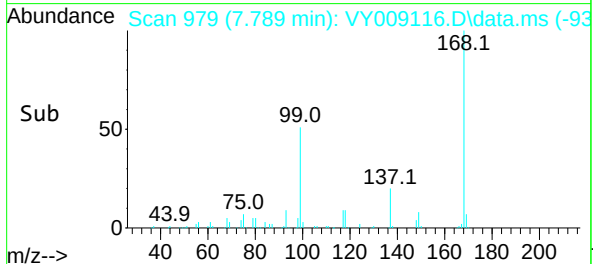
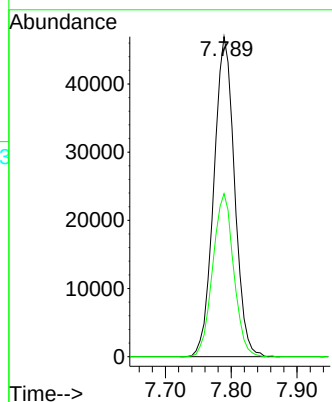
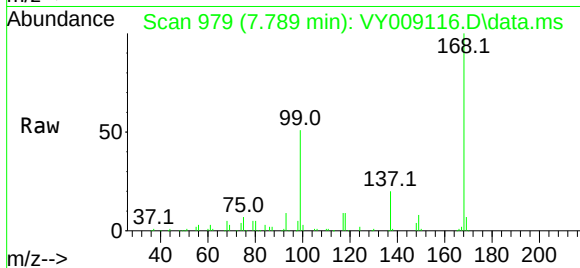




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

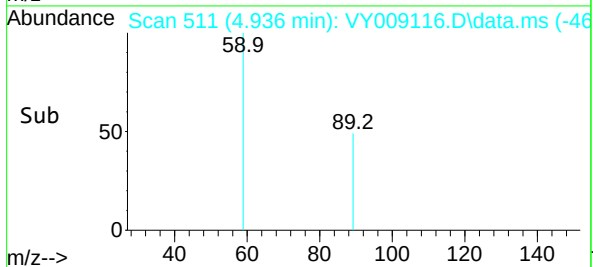
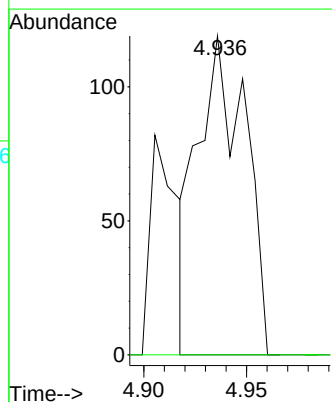
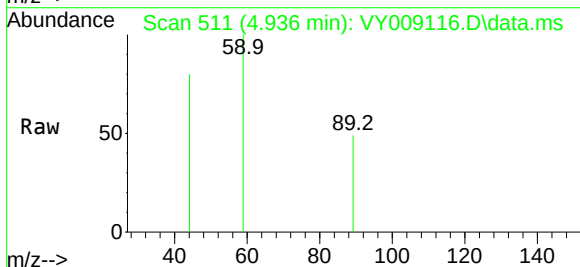
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

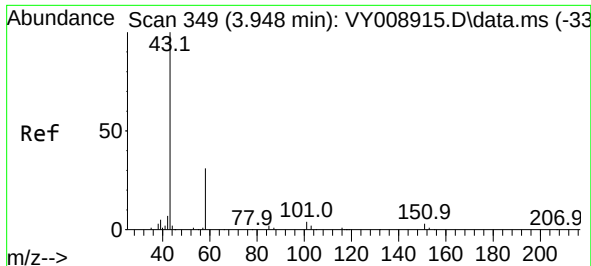
Tgt Ion:168 Resp: 102753
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.771 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

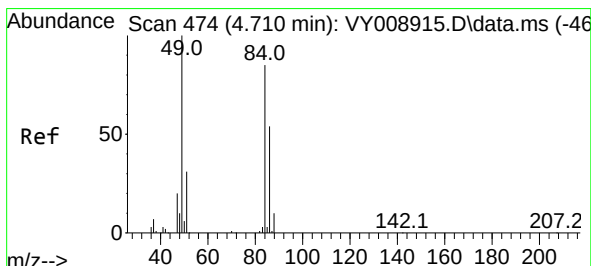
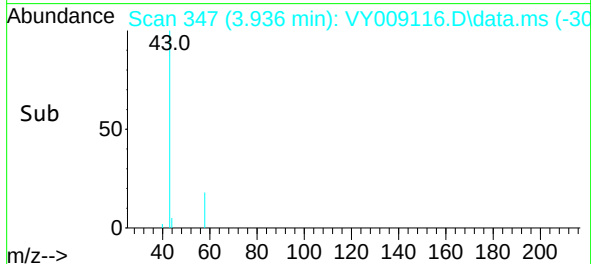
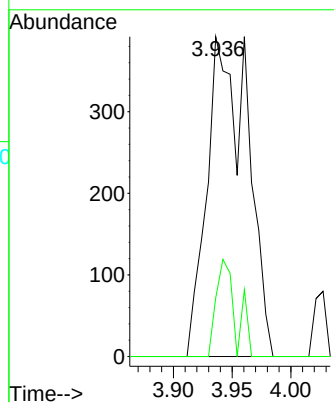
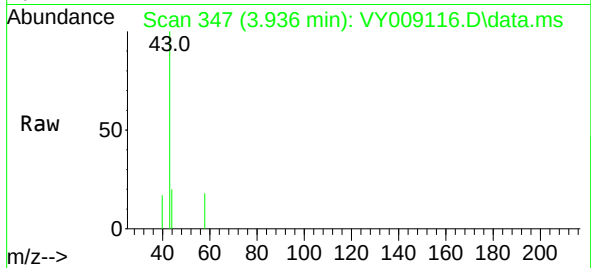




#16
Acetone
Concen: 4.252 ug/l
RT: 3.936 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

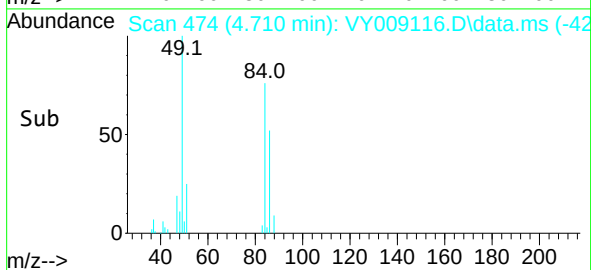
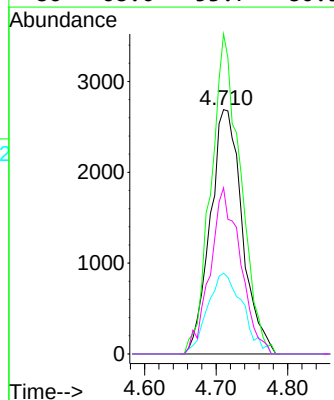
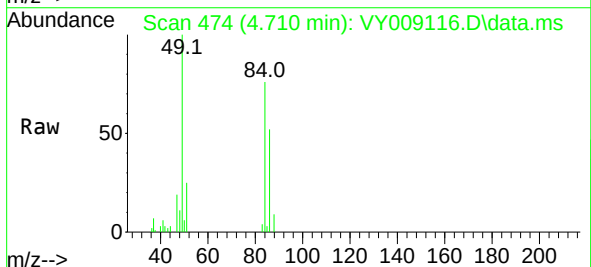
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

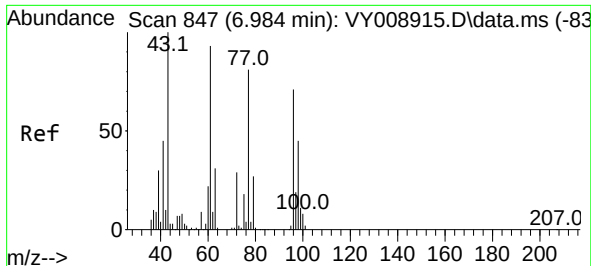
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 18.4 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

Tgt Ion: 84 Resp: 8346
Ion Ratio Lower Upper
84 100
49 131.0 114.4 171.6
51 33.0 35.3 52.9#
86 68.0 53.7 80.5

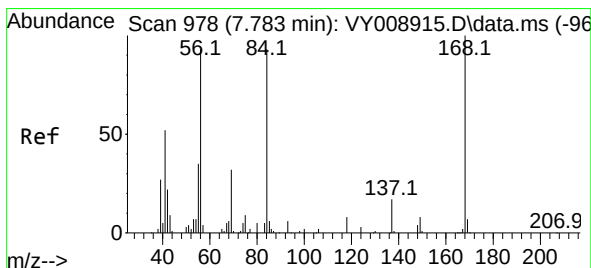
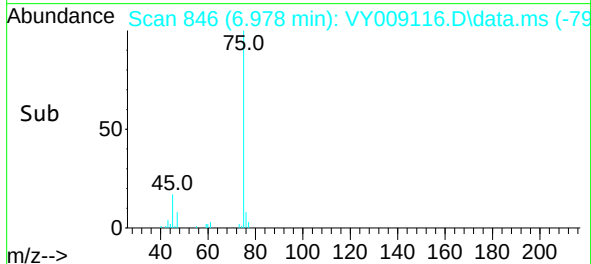
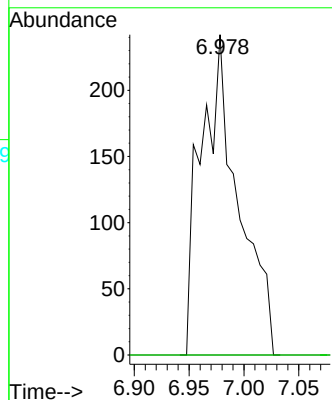
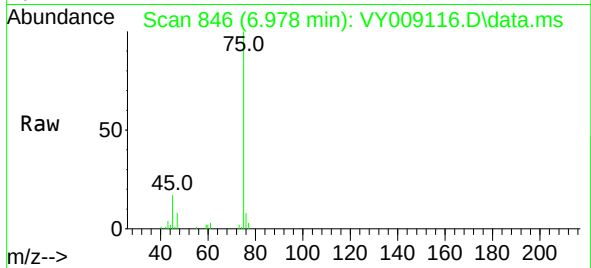




#25
2-Butanone
Concen: 1.460 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

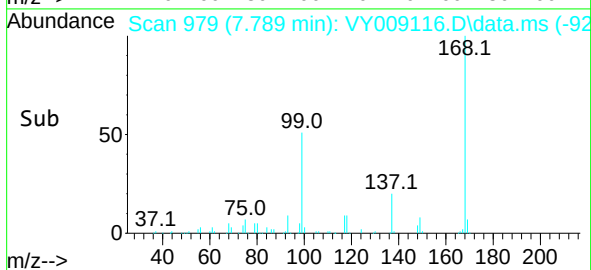
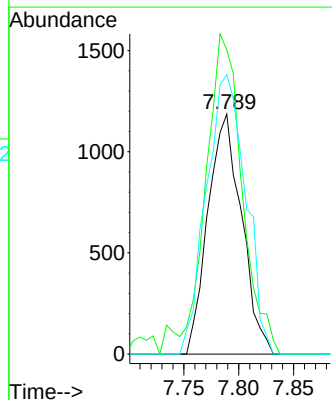
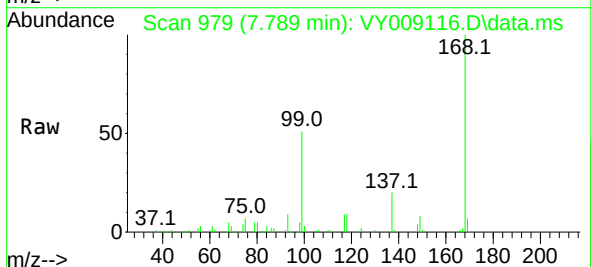
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

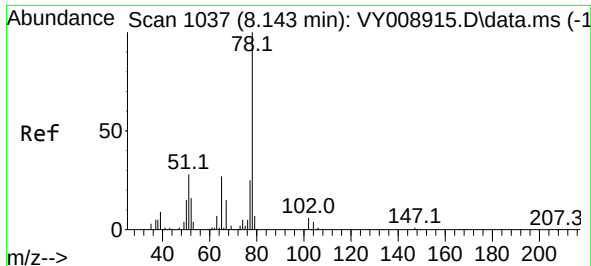
Tgt Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

Tgt Ion: 56 Resp: 2528
Ion Ratio Lower Upper
56 100
69 126.8 26.7 40.1#
84 116.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.195 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY009116.D

Acq: 26 May 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

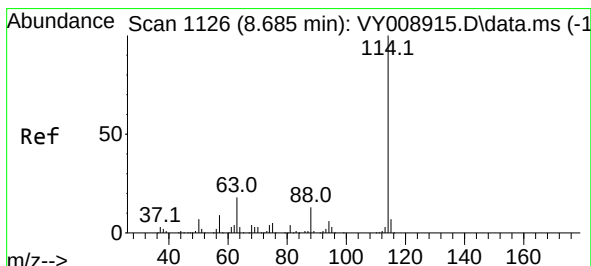
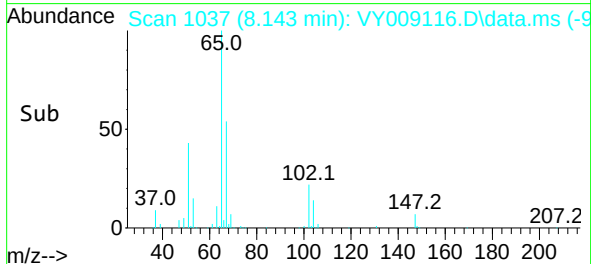
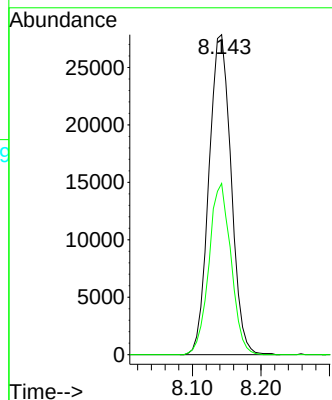
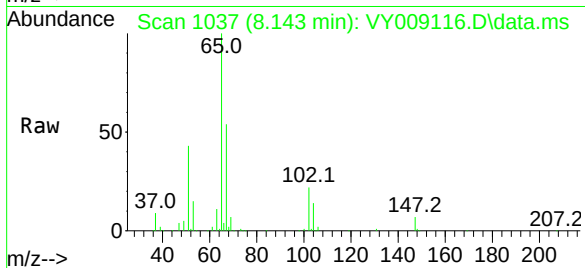
SB-7(3.5-4)

Tgt Ion: 65 Resp: 62600

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009116.D

Acq: 26 May 2022 14:26

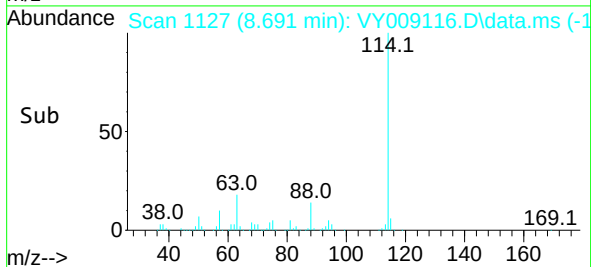
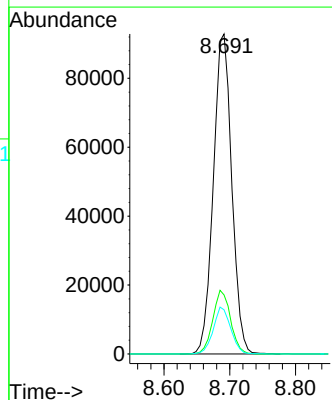
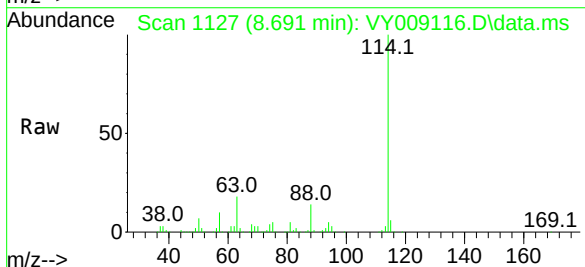
Tgt Ion: 114 Resp: 180958

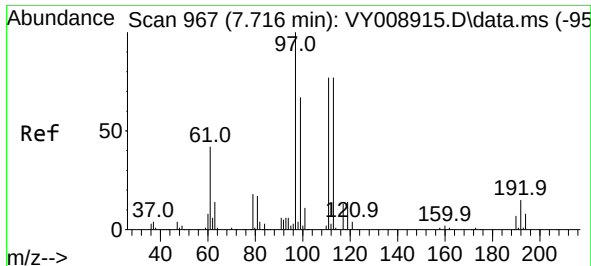
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.8 0.0 31.8

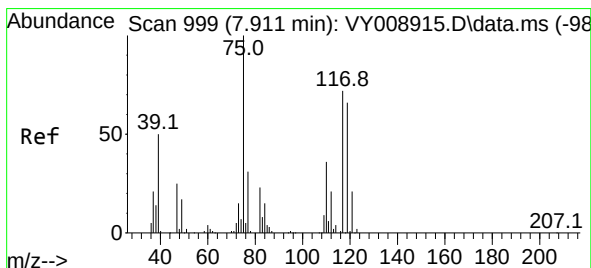
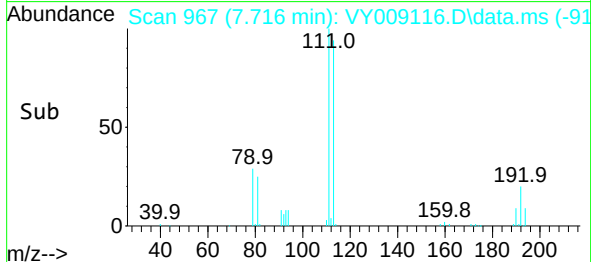
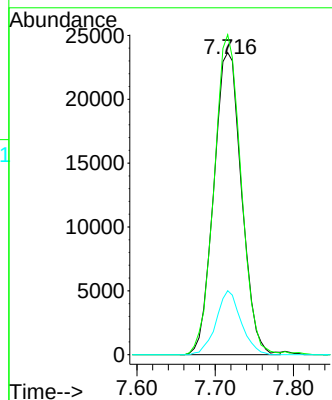
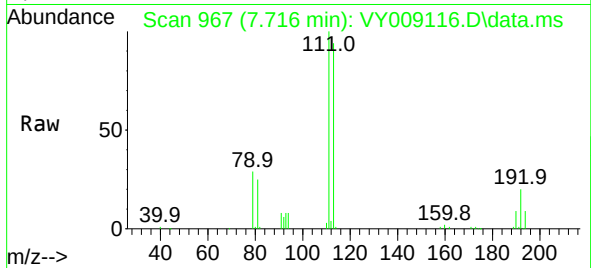




#35
Dibromofluoromethane
Concen: 51.826 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

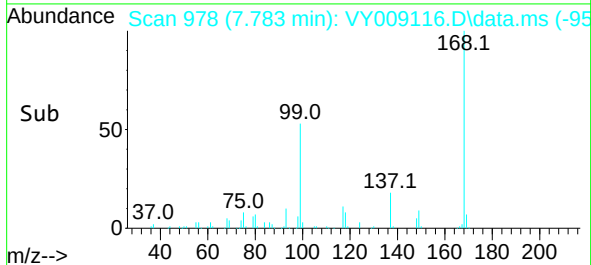
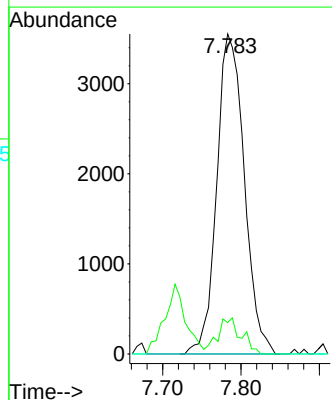
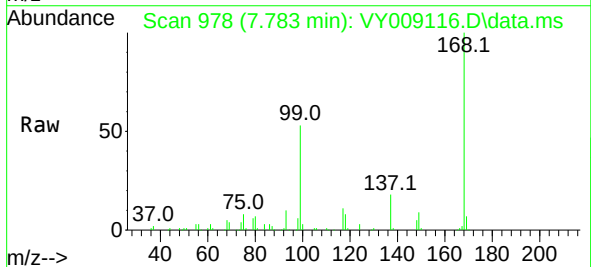
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

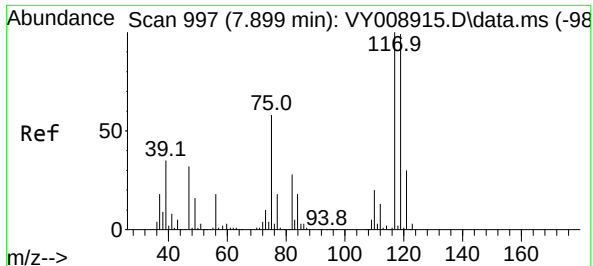
Tgt Ion:113 Resp: 58318
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.527 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

Tgt Ion: 75 Resp: 8669
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

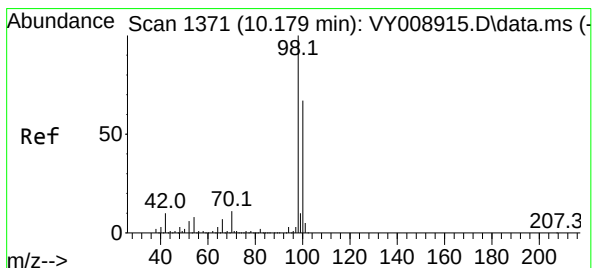
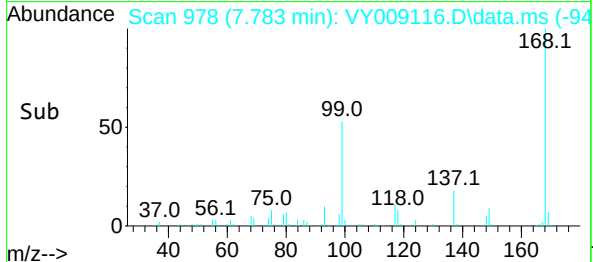
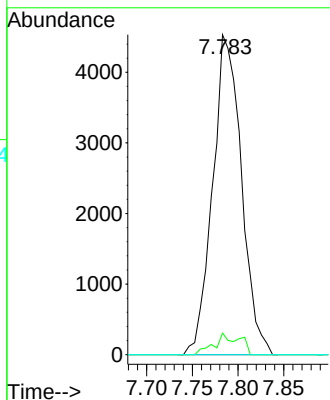
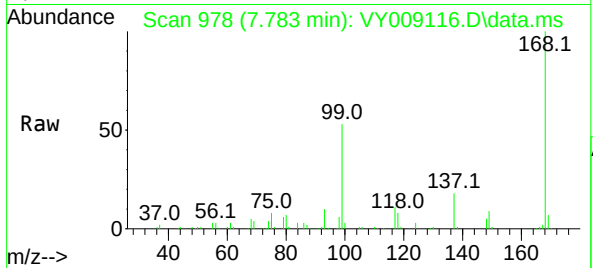




#38
Carbon Tetrachloride
Concen: 4.951 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

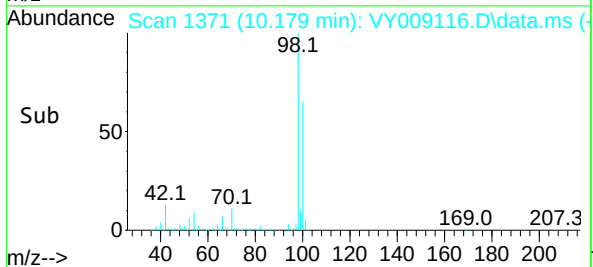
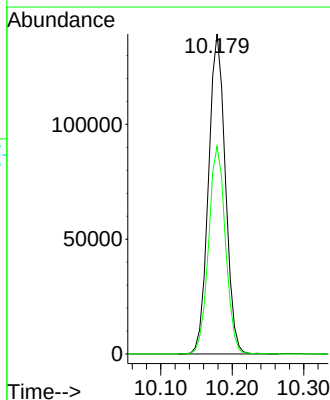
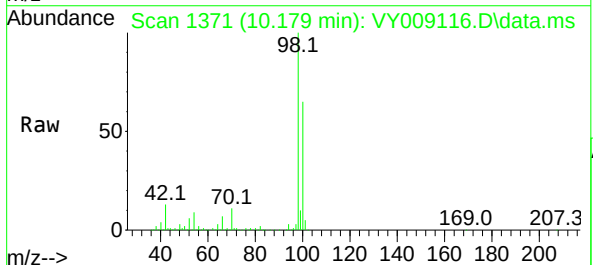
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

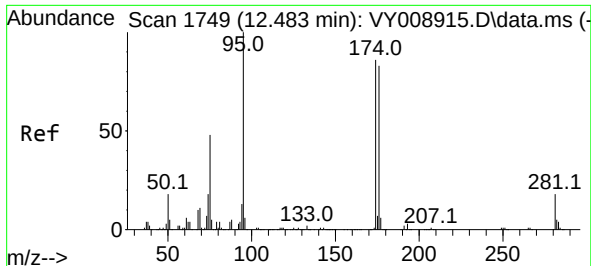
Tgt Ion:117 Resp: 9919
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.942 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

Tgt Ion: 98 Resp: 228080
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

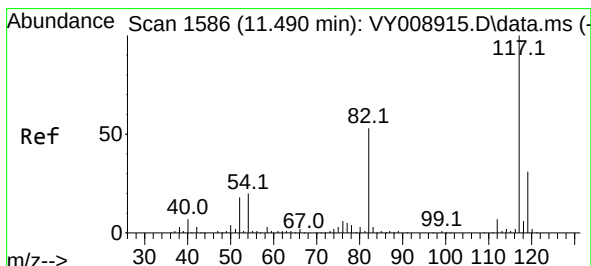
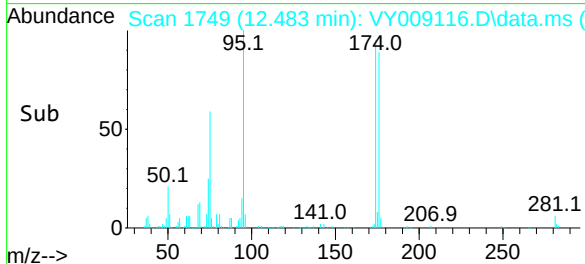
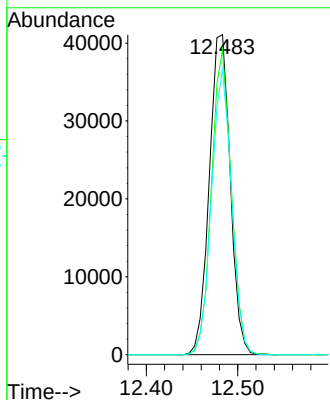
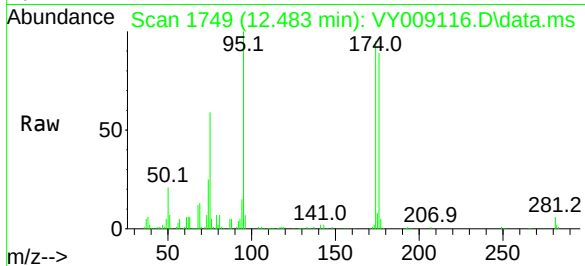




#62
4-Bromofluorobenzene
Concen: 38.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

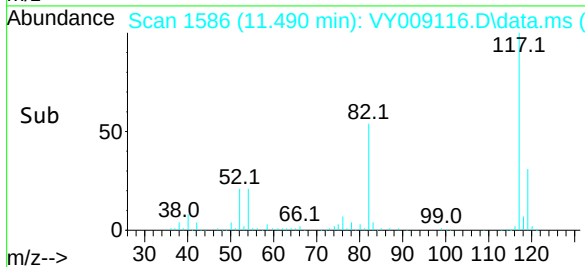
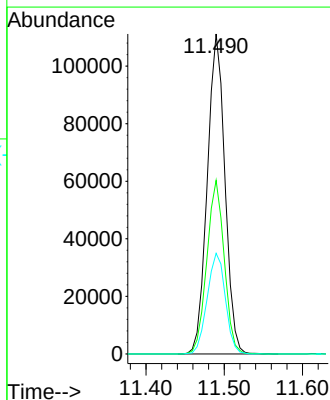
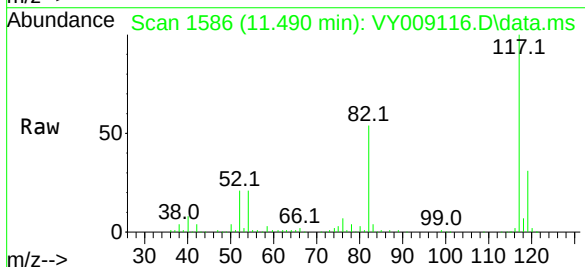
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

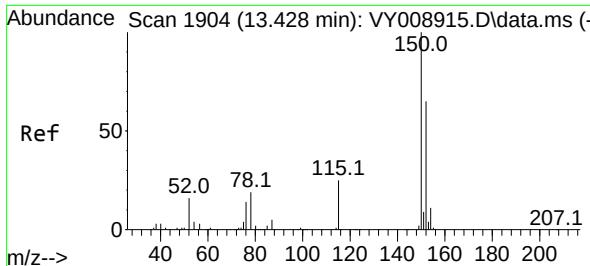
Tgt Ion: 95 Resp: 65281
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 85.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

Tgt Ion: 117 Resp: 173719
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.4 25.4 38.0

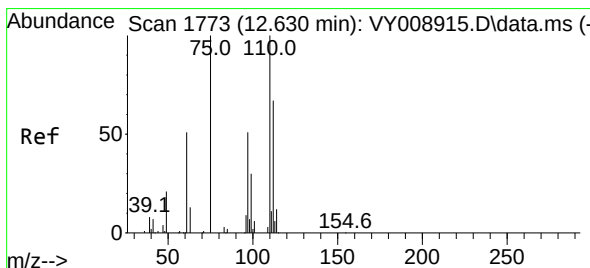
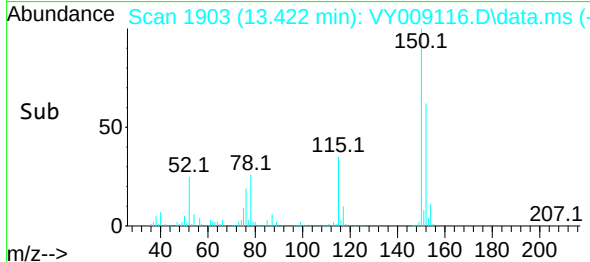
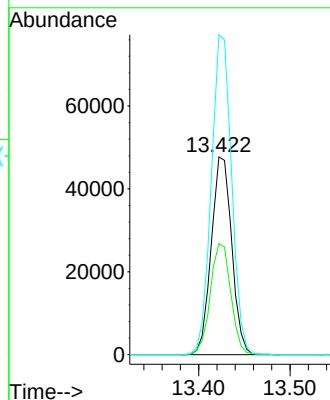
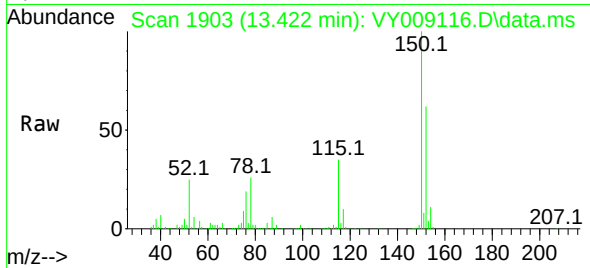




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

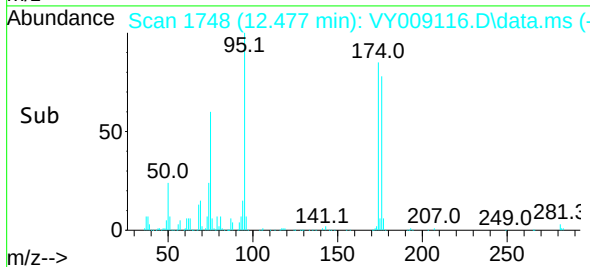
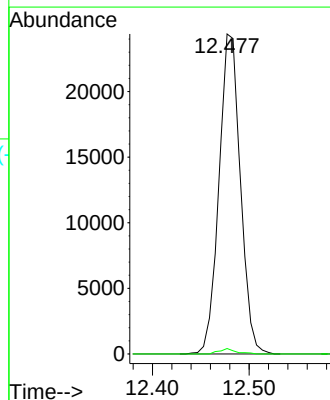
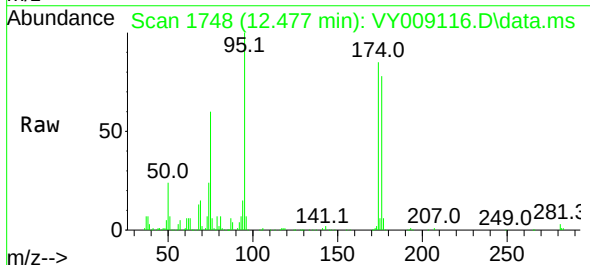
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

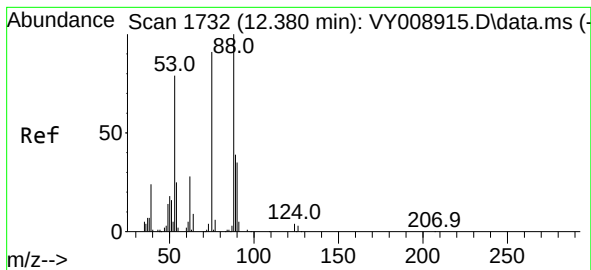
Tgt Ion:152 Resp: 74130
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 160.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.991 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

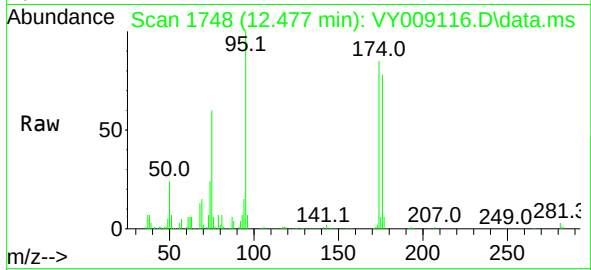
Tgt Ion: 75 Resp: 37408
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.449 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009116.D
 Acq: 26 May 2022 14:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(3.5-4)



Tgt Ion: 75 Resp: 37408
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

