

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009054.D
 Acq On : 24 May 2022 12:13
 Operator : KP/MD
 Sample : N2948-24
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01

Quant Time: May 25 02:50:50 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)

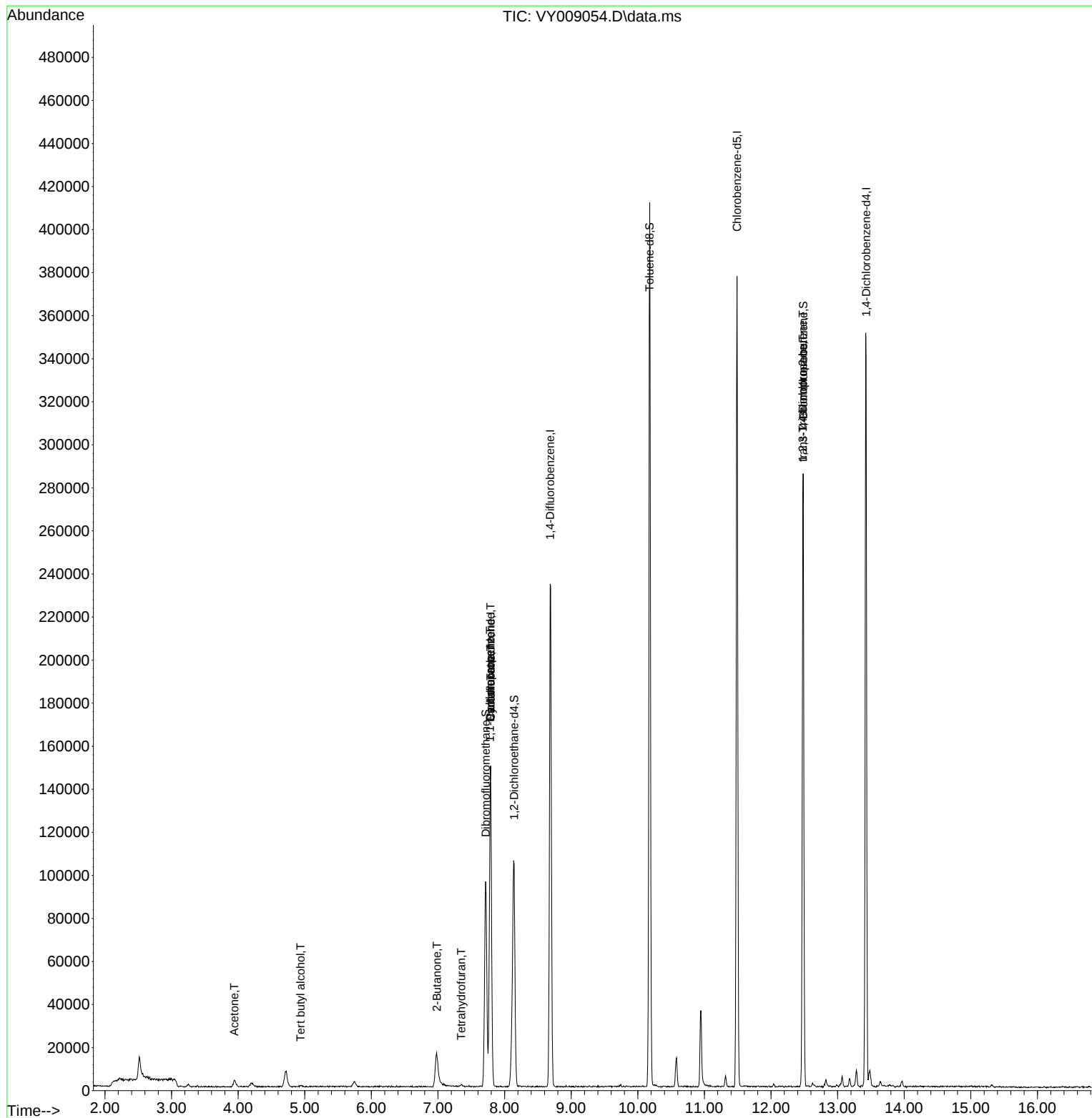
Internal Standards						
1) Pentafluorobenzene	7.789	168	111238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	198890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70145	61.270	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.540%	
35) Dibromofluoromethane	7.716	113	63960	51.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.420%	
50) Toluene-d8	10.179	98	248844	54.539	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.080%	
62) 4-Bromofluorobenzene	12.483	95	73981	40.195	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.400%	
Target Compounds						
11) Tert butyl alcohol	4.936	59	546	4.702	ug/l #	77
16) Acetone	3.942	43	5353	22.463	ug/l	96
20) Methylene Chloride	4.710	84	5389	Below Cal	#	88
25) 2-Butanone	6.984	43	1032	2.425	ug/l #	54
29) Tetrahydrofuran	7.350	42	477	1.650	ug/l #	63
31) Cyclohexane	7.789	56	2733	1.220	ug/l #	49
36) 1,1-Dichloropropene	7.783	75	9327	4.431	ug/l #	45
38) Carbon Tetrachloride	7.789	117	11171	5.074	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	42516	47.165	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42516	96.806	ug/l #	7

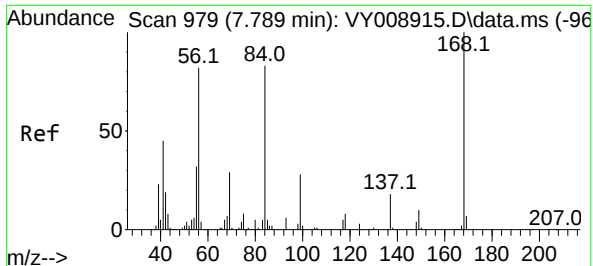
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
Data File : VY009054.D
Acq On : 24 May 2022 12:13
Operator : KP/MD
Sample : N2948-24
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

Quant Time: May 25 02:50:50 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

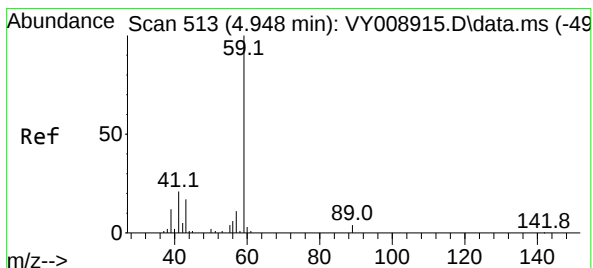
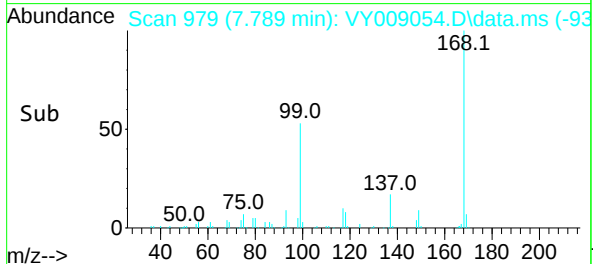
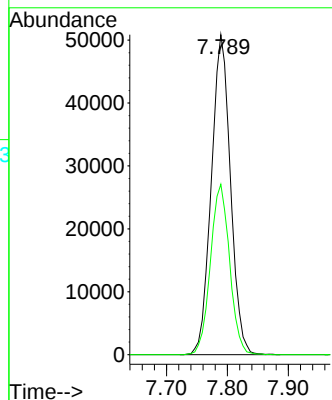
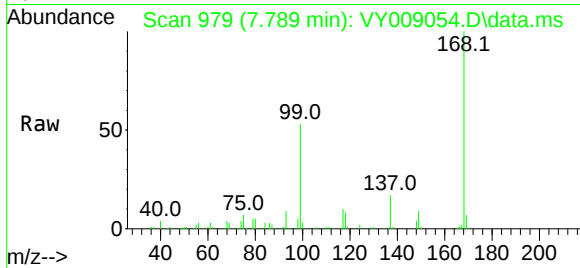




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

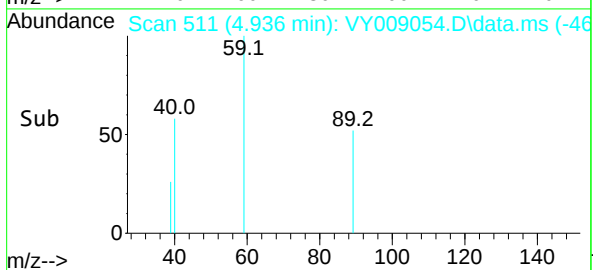
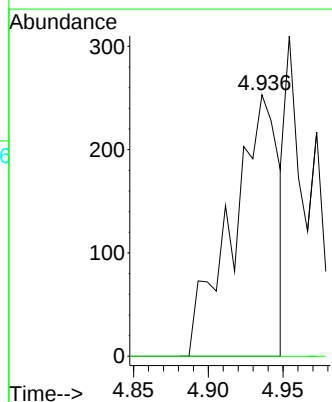
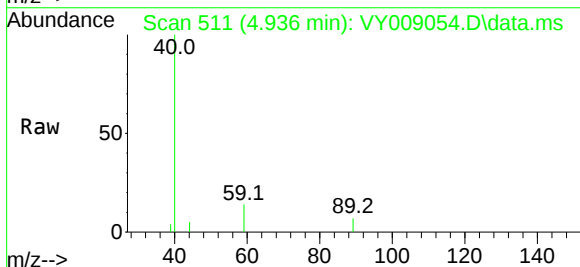
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

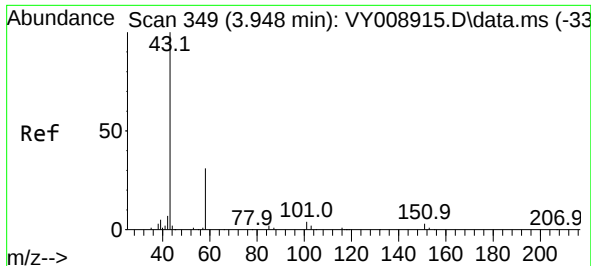
Tgt Ion:168 Resp: 111238
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.702 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Tgt Ion: 59 Resp: 546
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

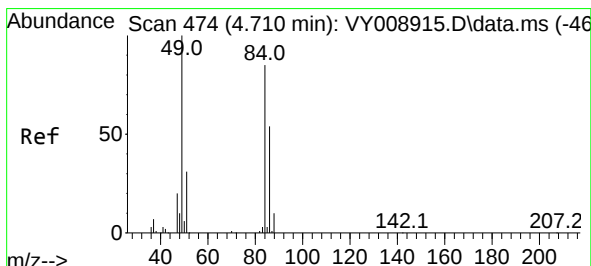
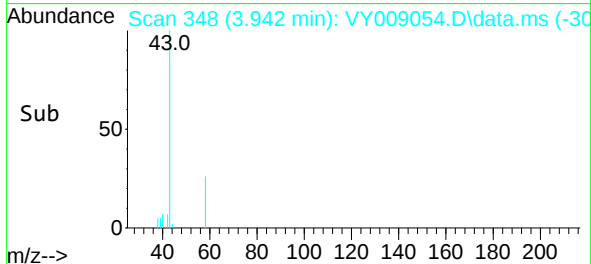
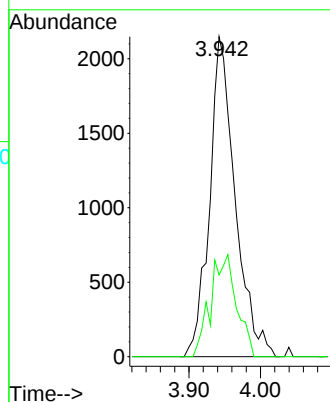
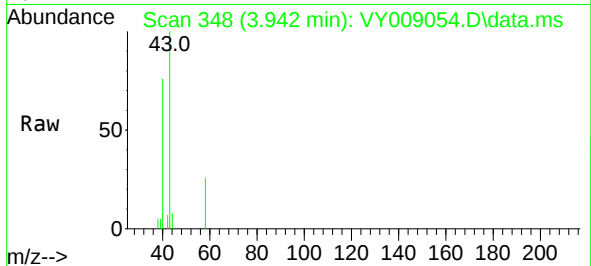




#16
Acetone
Concen: 22.463 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

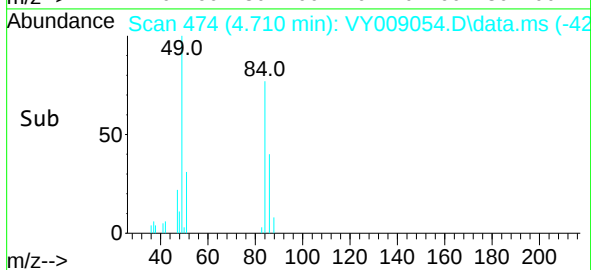
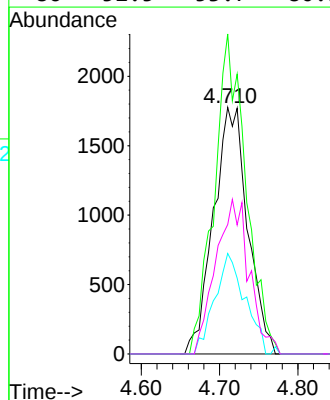
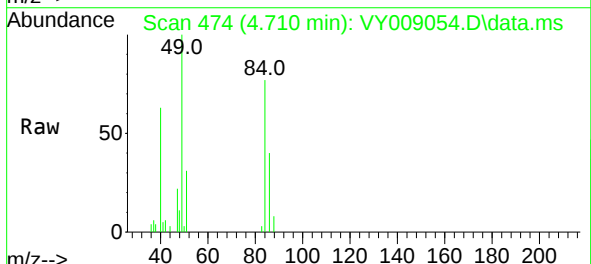
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

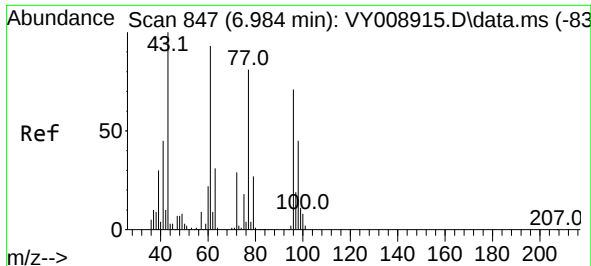
Tgt Ion: 43 Resp: 5353
Ion Ratio Lower Upper
43 100
58 25.6 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Tgt Ion: 84 Resp: 5389
Ion Ratio Lower Upper
84 100
49 129.8 114.4 171.6
51 40.8 35.3 52.9
86 52.5 53.7 80.5#

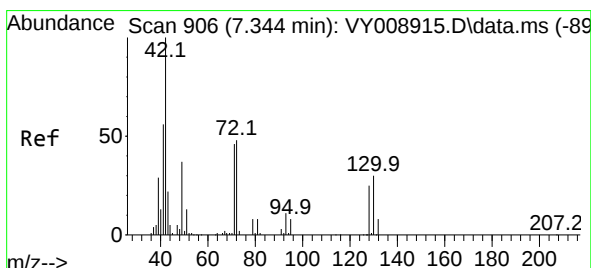
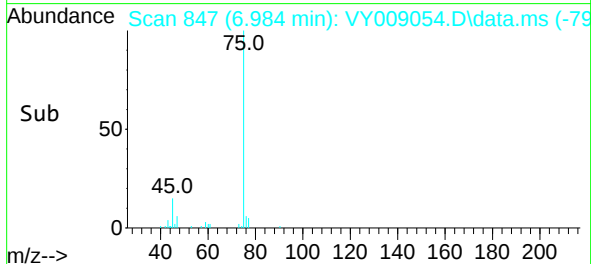
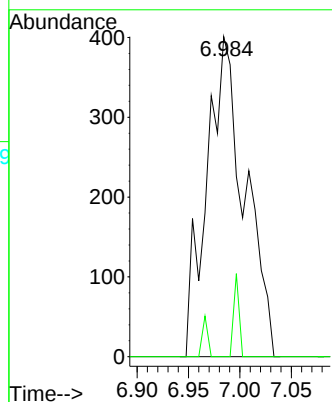
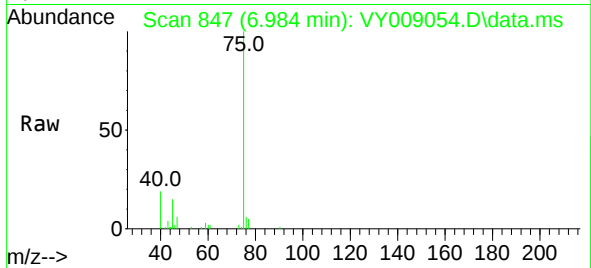




#25
2-Butanone
Concen: 2.425 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

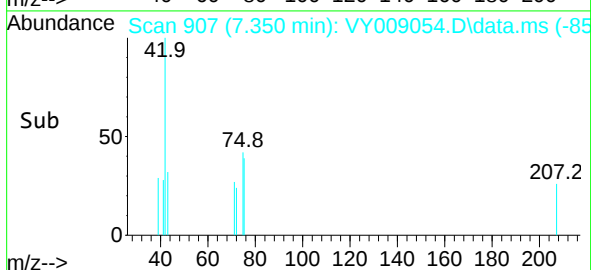
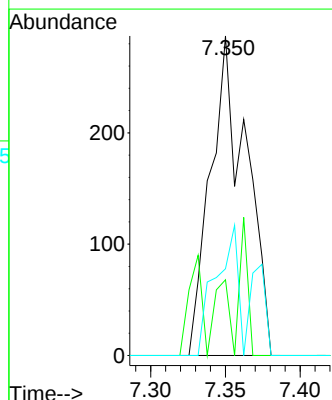
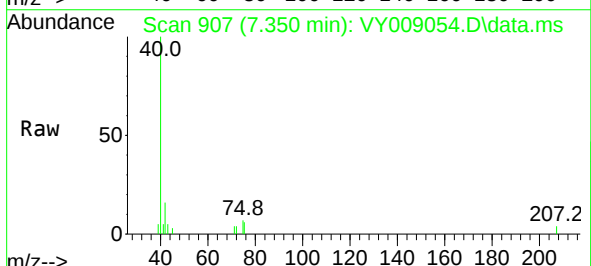
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

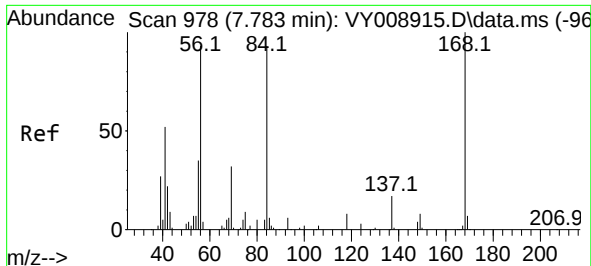
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.650 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Tgt Ion: 42 Resp: 477
Ion Ratio Lower Upper
42 100
72 5.2 30.3 45.5#
71 25.4 29.0 43.4#

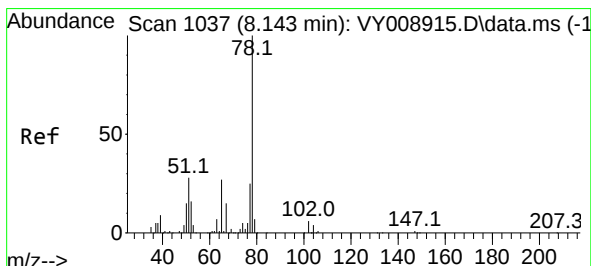
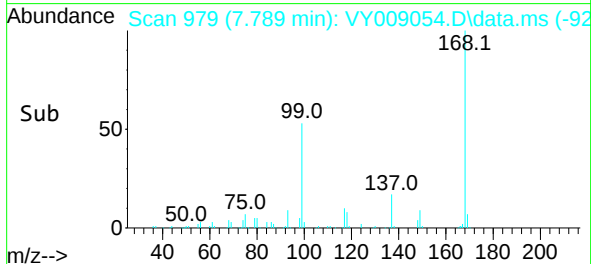
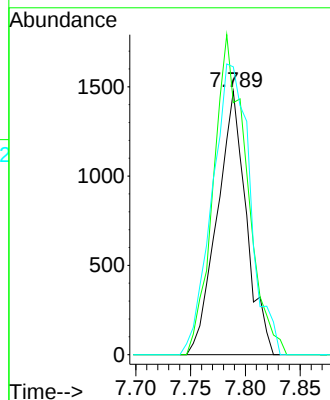
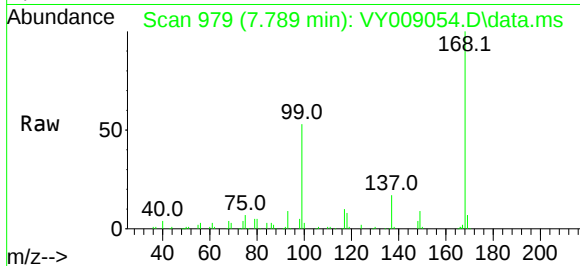




#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

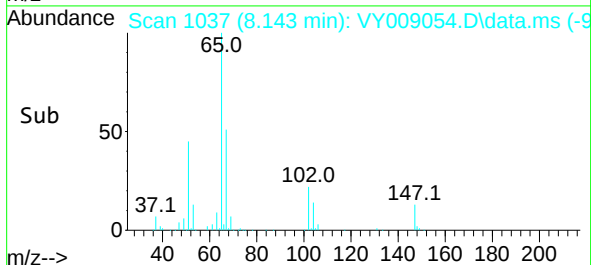
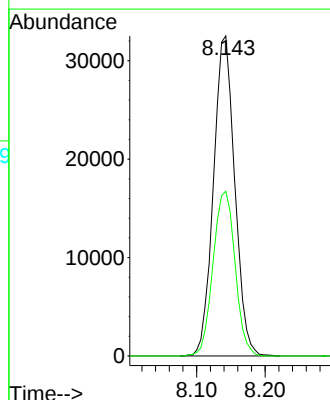
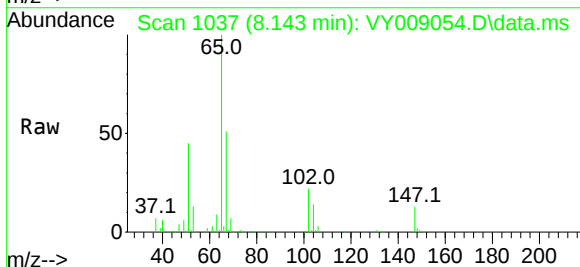
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

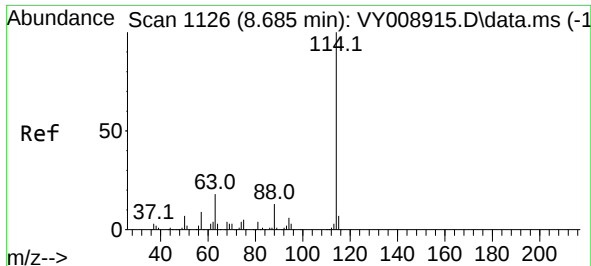
Tgt Ion: 56 Resp: 2733
Ion Ratio Lower Upper
56 100
69 95.7 26.7 40.1#
84 109.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.270 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Tgt Ion: 65 Resp: 70145
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009054.D

Acq: 24 May 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01

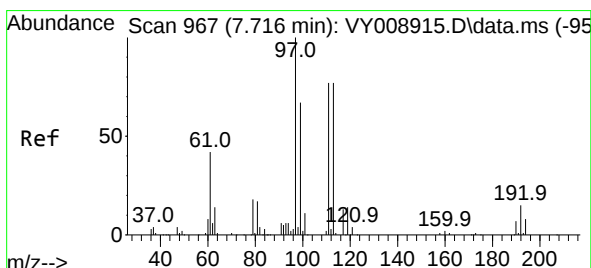
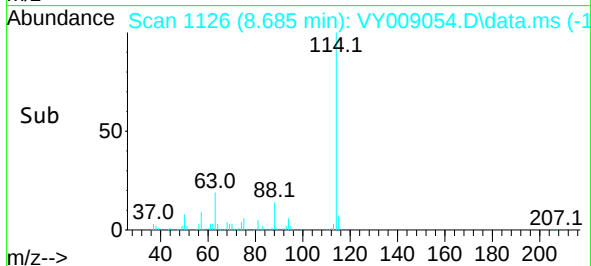
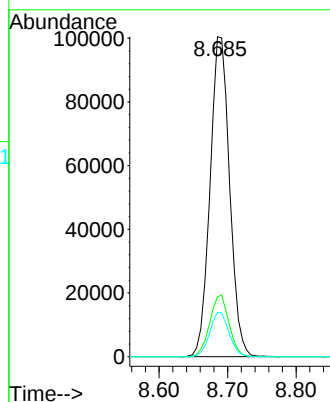
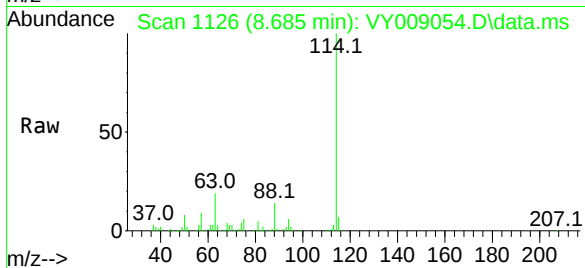
Tgt Ion:114 Resp: 198890

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.715 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009054.D

Acq: 24 May 2022 12:13

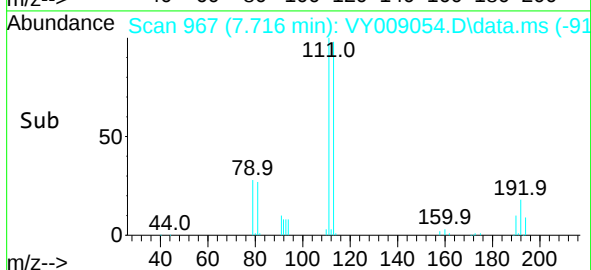
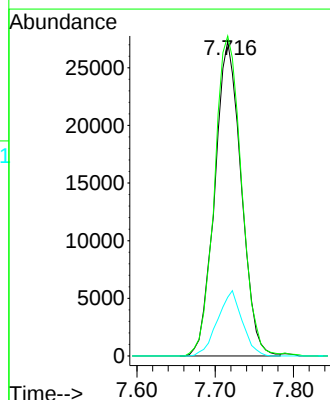
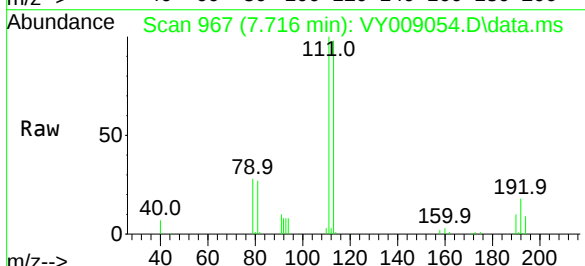
Tgt Ion:113 Resp: 63960

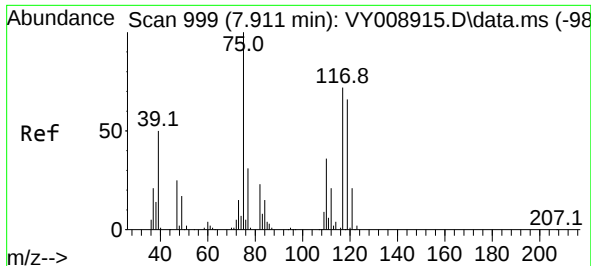
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 19.4 17.6 26.4

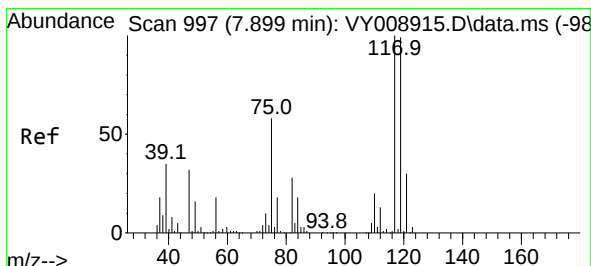
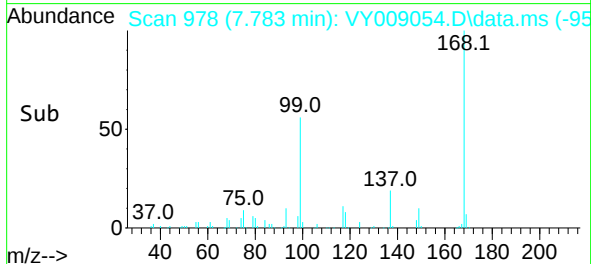
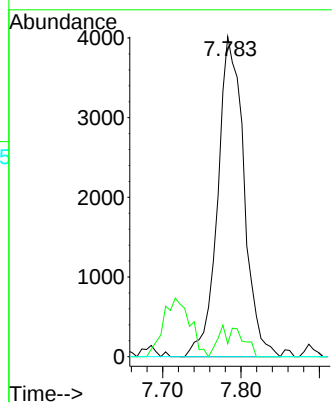
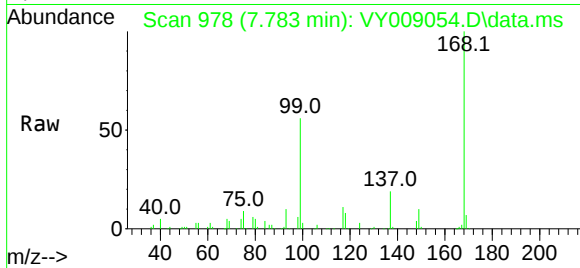




#36
1,1-Dichloropropene
Concen: 4.431 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

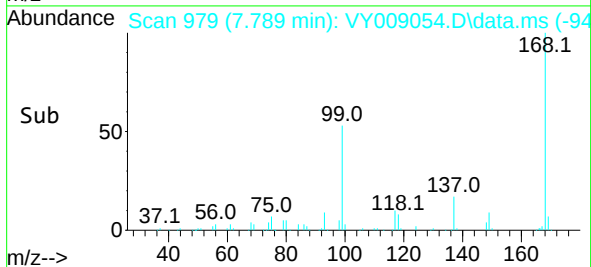
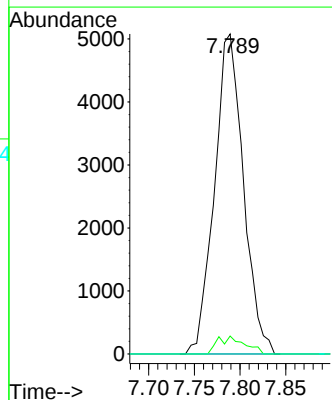
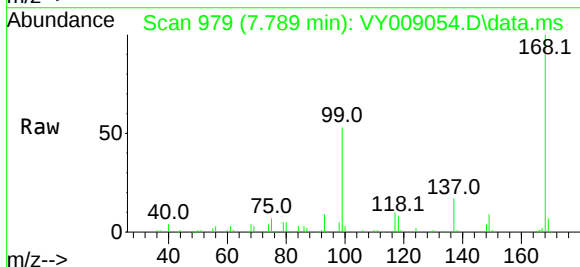
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

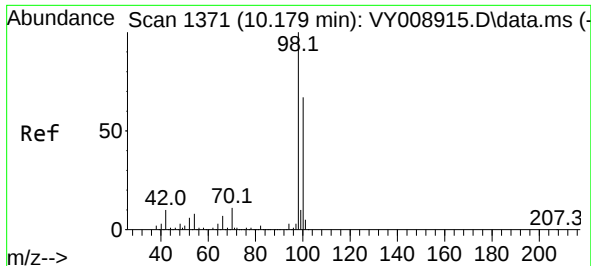
Tgt Ion: 75 Resp: 9327
Ion Ratio Lower Upper
75 100
110 3.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.074 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Tgt Ion: 117 Resp: 11171
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#

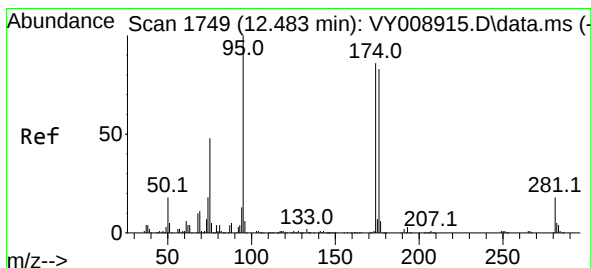
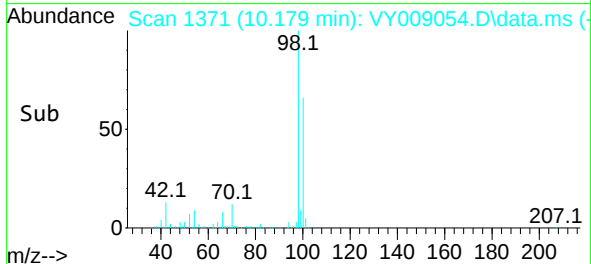
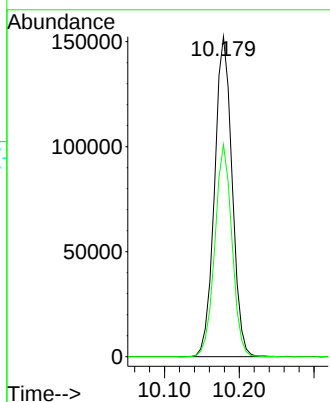
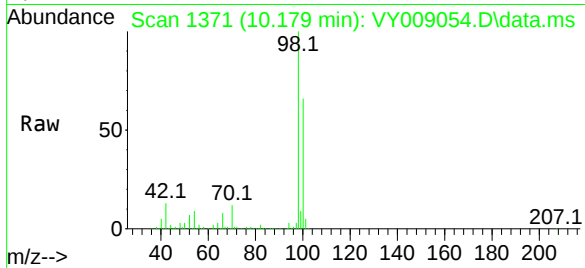




#50
Toluene-d8
Concen: 54.539 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

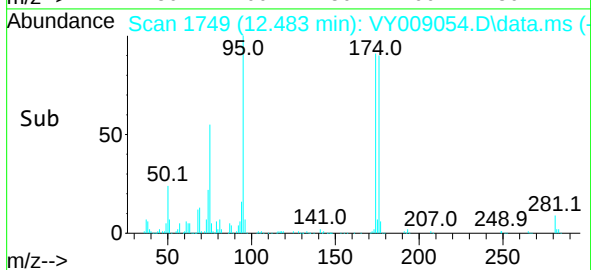
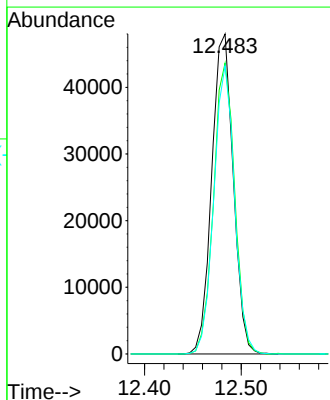
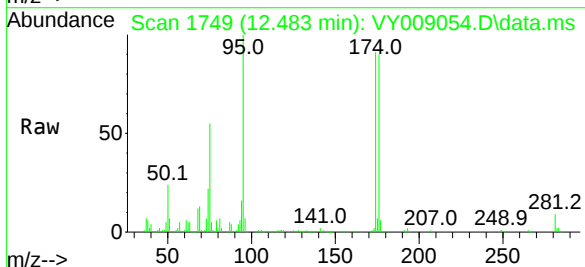
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

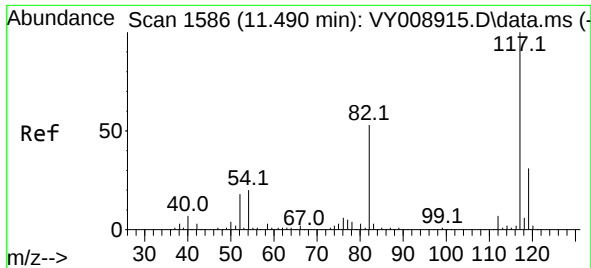
Tgt Ion: 98 Resp: 248844
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.195 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Tgt Ion: 95 Resp: 73981
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 86.8 0.0 175.8

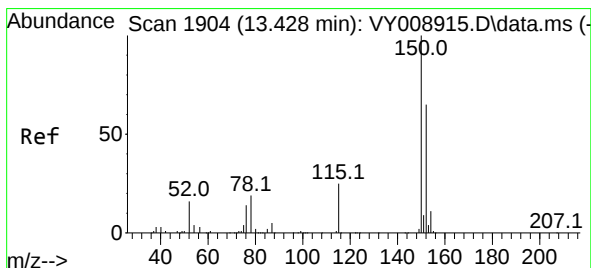
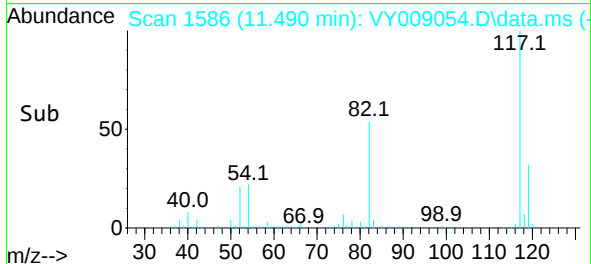
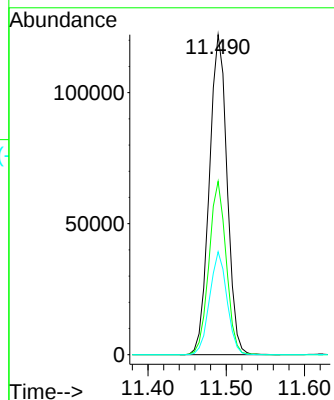
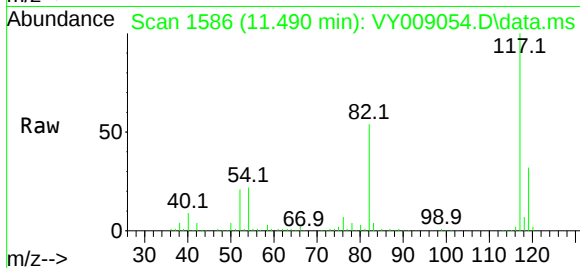




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

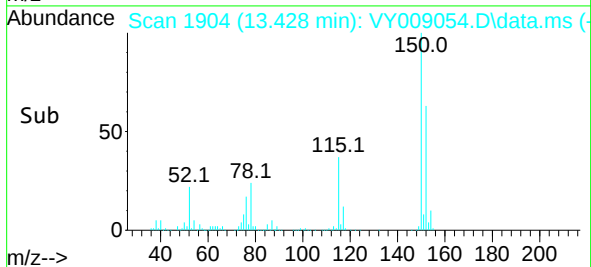
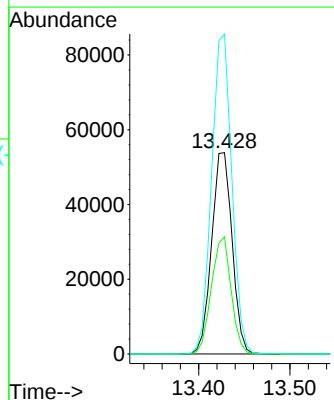
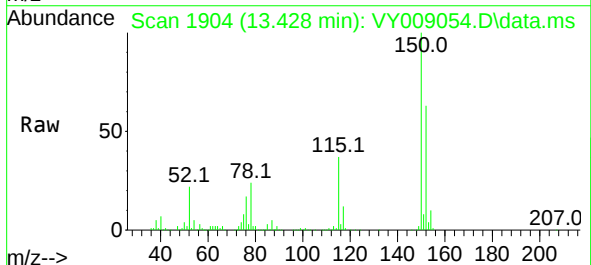
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

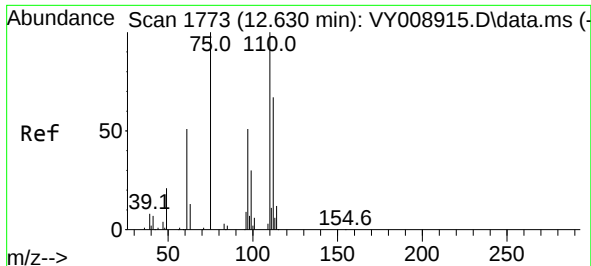
Tgt Ion:117 Resp: 192238
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Tgt Ion:152 Resp: 83942
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 156.7 0.0 347.6

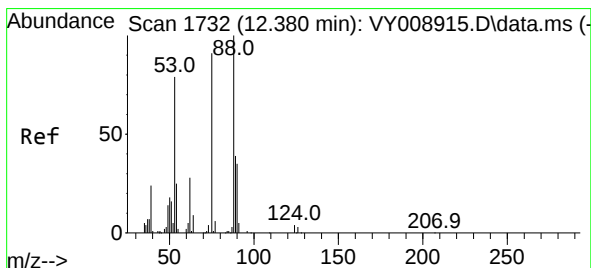
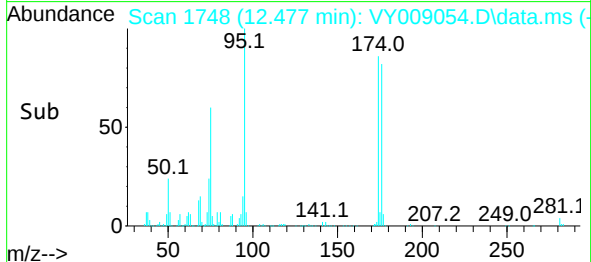
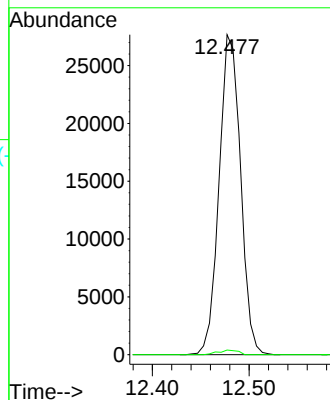
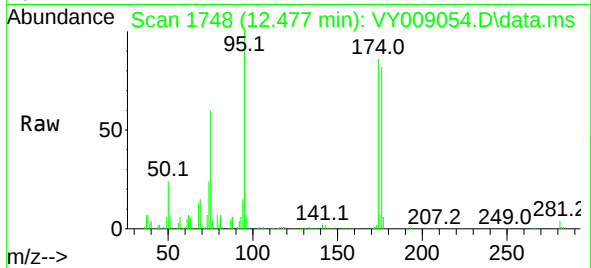




#76
1,2,3-Trichloropropane
Concen: 47.165 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

Tgt Ion: 75 Resp: 42516
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.806 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Tgt Ion: 75 Resp: 42516
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

