

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008954.D
 Acq On : 21 May 2022 17:00
 Operator : KP/MD
 Sample : N2919-19
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-1218-01

Quant Time: May 21 21:31:04 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)

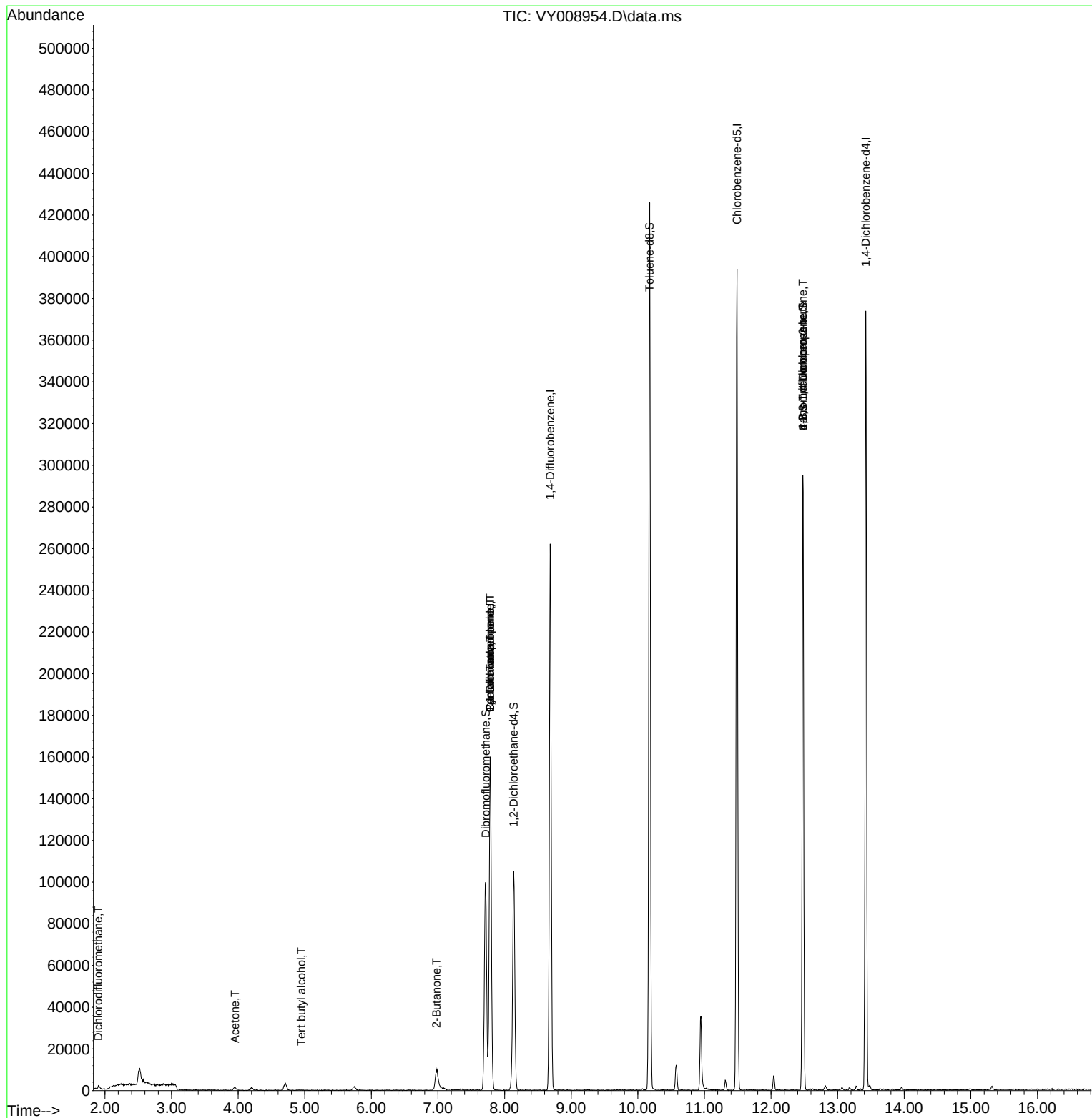
Internal Standards						
1) Pentafluorobenzene	7.783	168	119767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76760	62.274	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 124.540%		
35) Dibromofluoromethane	7.716	113	69243	51.687	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.380%		
50) Toluene-d8	10.179	98	270216	54.675	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 109.360%		
62) 4-Bromofluorobenzene	12.477	95	78405	39.328	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 78.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	1227	1.120	ug/l	97
11) Tert butyl alcohol	4.948	59	191	1.528	ug/l #	77
16) Acetone	3.954	43	2540	9.899	ug/l #	86
20) Methylene Chloride	4.710	84	2243	Below Cal	#	78
25) 2-Butanone	6.978	43	508	1.108	ug/l #	54
31) Cyclohexane	7.783	56	3108	1.289	ug/l #	36
36) 1,1-Dichloropropene	7.783	75	10370	4.549	ug/l #	51
38) Carbon Tetrachloride	7.783	117	12459	5.224	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	45280	46.794	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45280	96.044	ug/l #	7

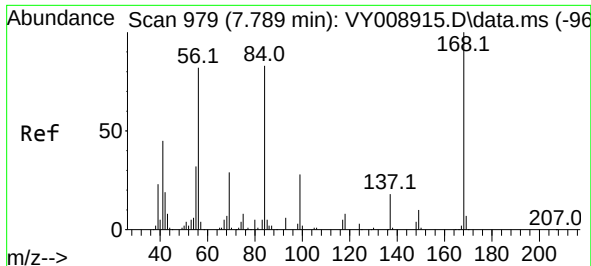
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
Data File : VY008954.D
Acq On : 21 May 2022 17:00
Operator : KP/MD
Sample : N2919-19
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

Quant Time: May 21 21:31:04 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

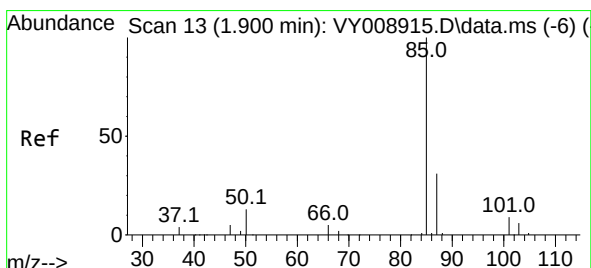
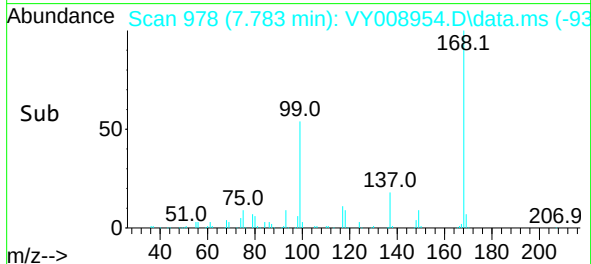
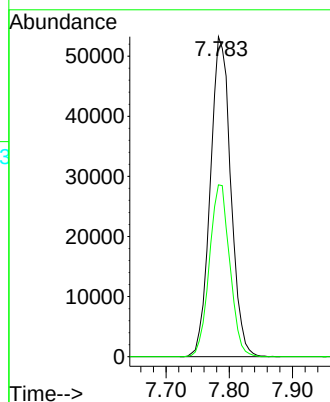
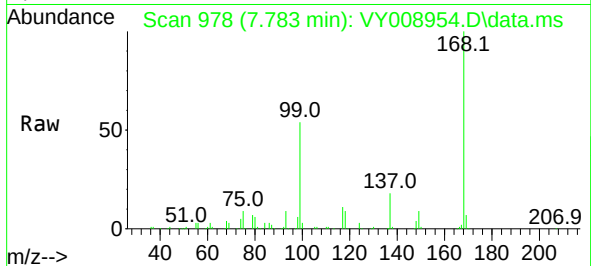




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

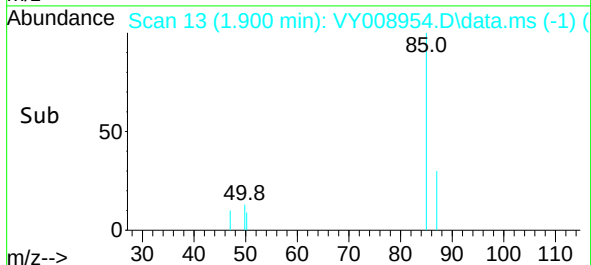
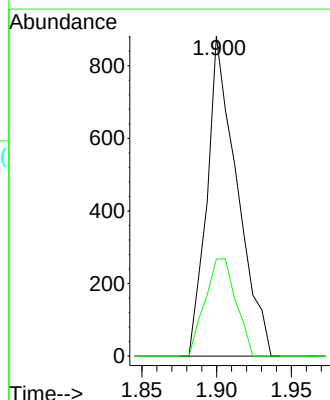
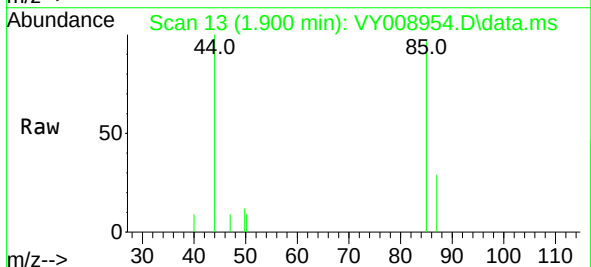
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

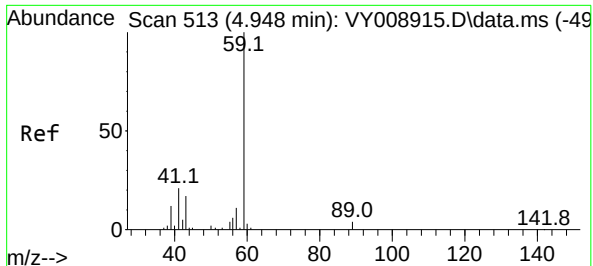
Tgt Ion:168 Resp: 119767
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.120 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Tgt Ion: 85 Resp: 1227
Ion Ratio Lower Upper
85 100
87 30.3 16.1 48.2





#11

Tert butyl alcohol

Concen: 1.528 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY008954.D

Acq: 21 May 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

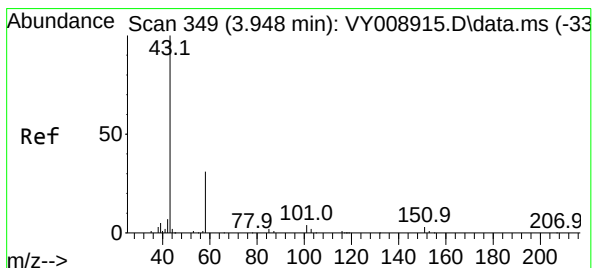
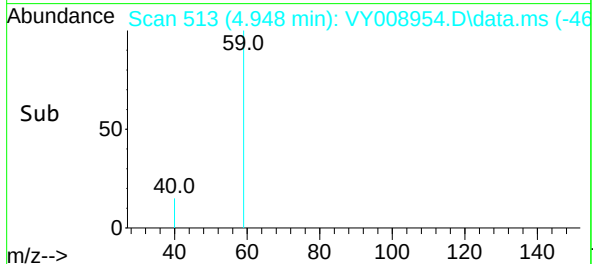
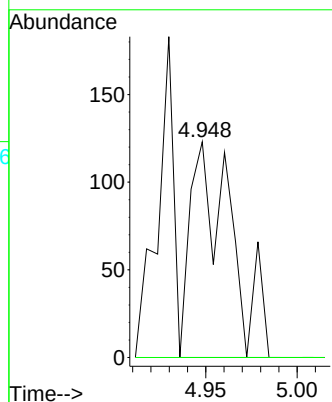
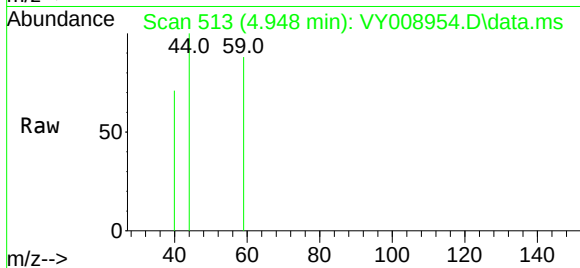
P015-SS002-1218-01

Tgt Ion: 59 Resp: 191

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 9.899 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY008954.D

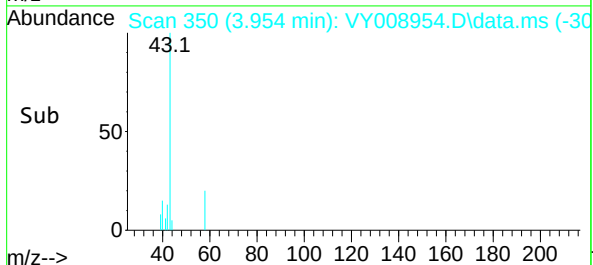
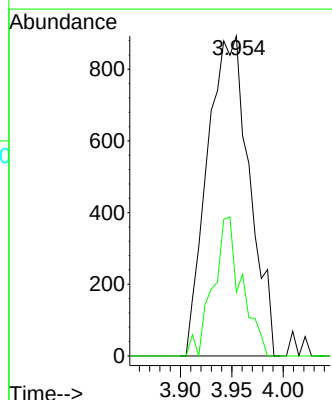
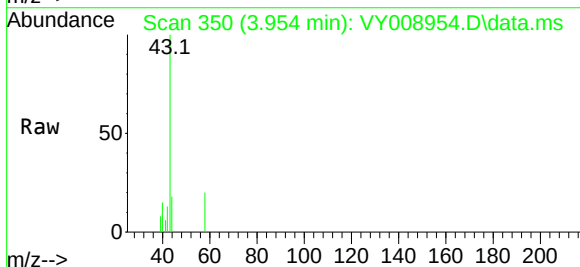
Acq: 21 May 2022 17:00

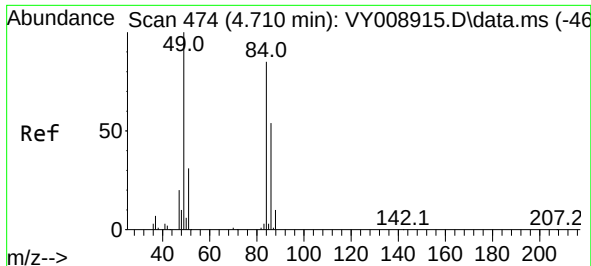
Tgt Ion: 43 Resp: 2540

Ion Ratio Lower Upper

43 100

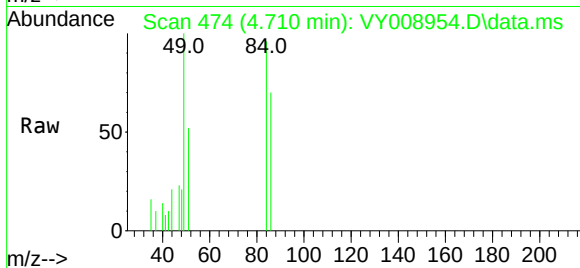
58 19.9 22.0 33.0#



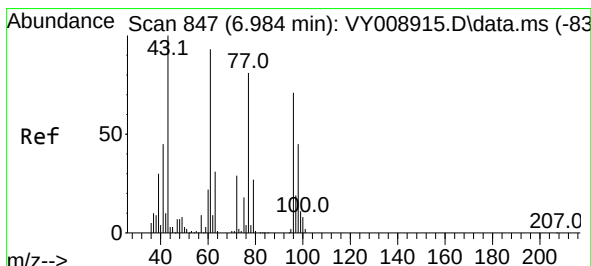
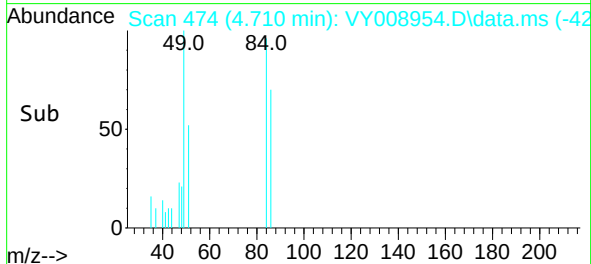
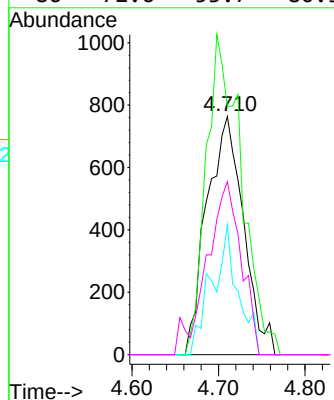


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

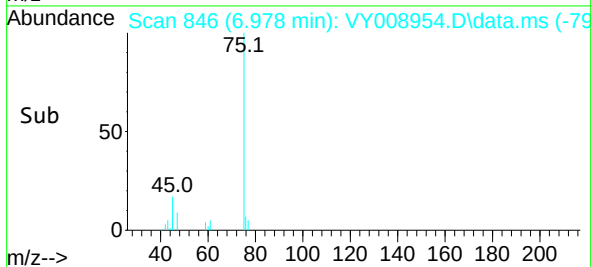
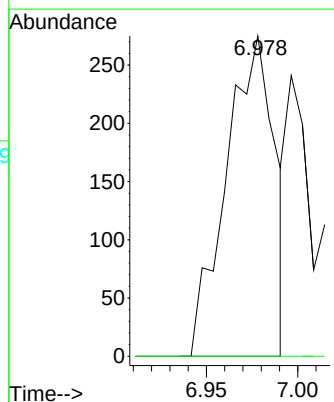
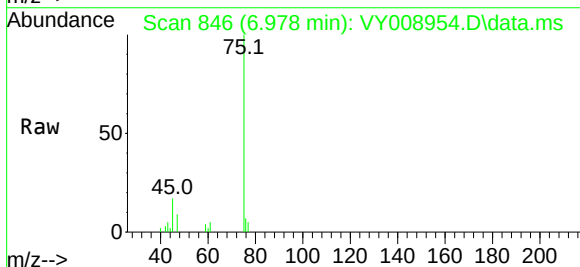


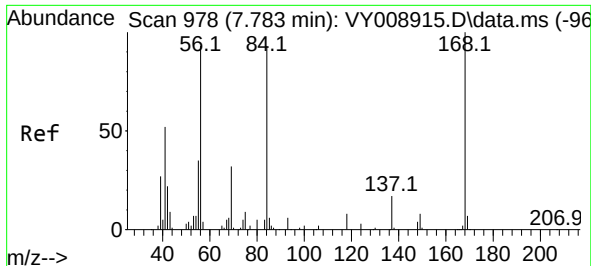
Tgt Ion: 84 Resp: 2243
Ion Ratio Lower Upper
84 100
49 103.9 114.4 171.6#
51 54.5 35.3 52.9#
86 72.6 53.7 80.5



#25
2-Butanone
Concen: 1.108 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

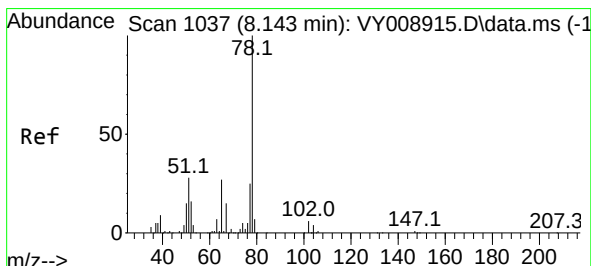
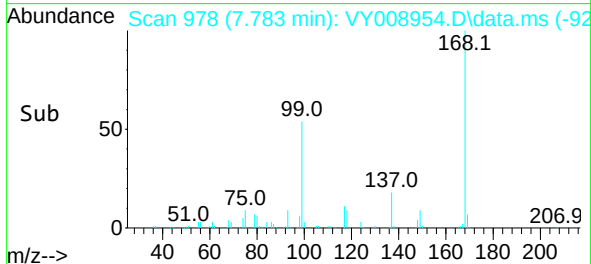
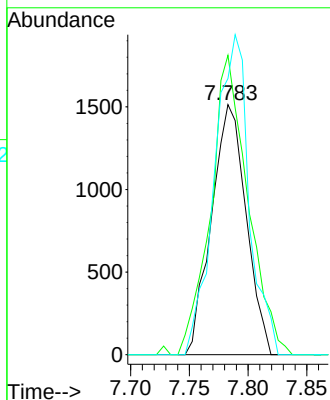
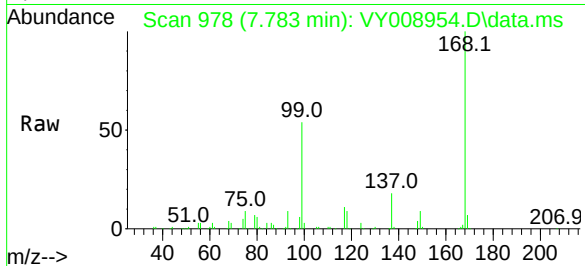




#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

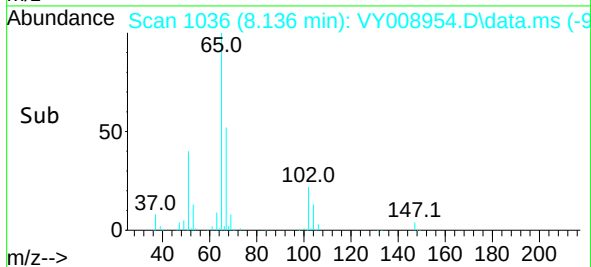
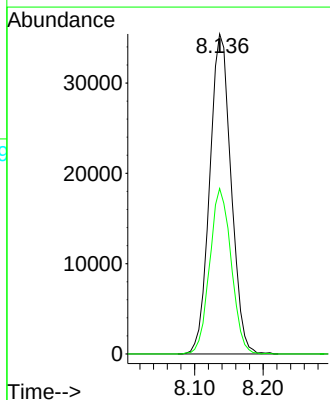
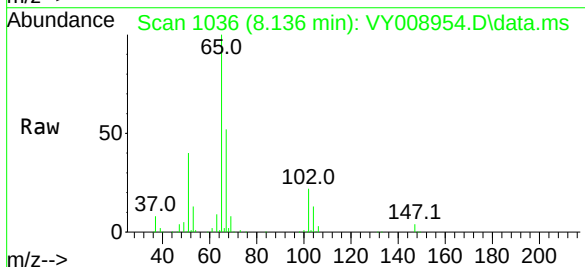
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

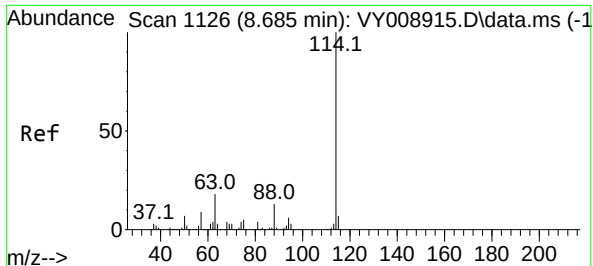
Tgt Ion: 56 Resp: 3108
Ion Ratio Lower Upper
56 100
69 119.7 26.7 40.1#
84 110.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.274 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Tgt Ion: 65 Resp: 76760
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008954.D

Acq: 21 May 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-1218-01

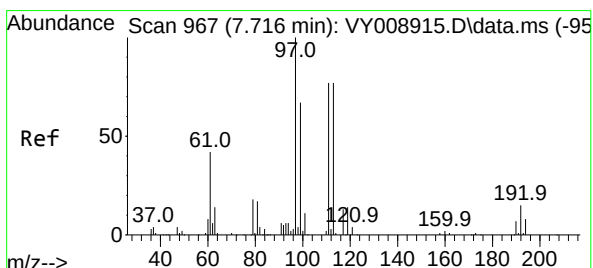
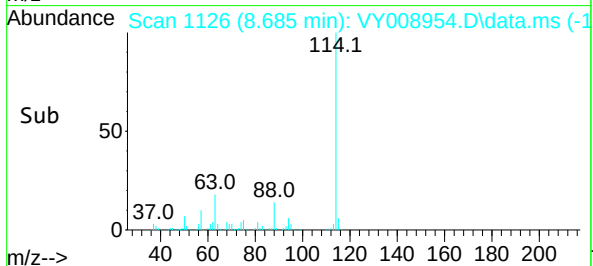
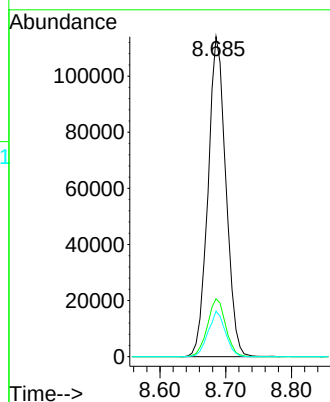
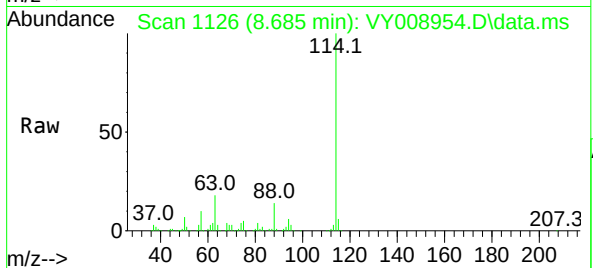
Tgt Ion:114 Resp: 215434

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.687 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008954.D

Acq: 21 May 2022 17:00

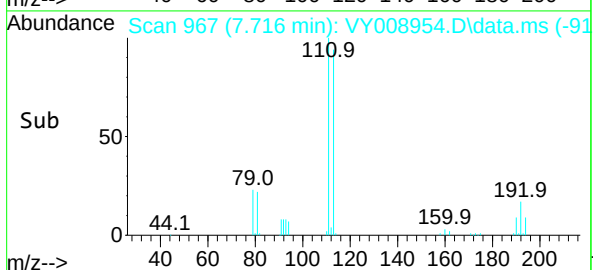
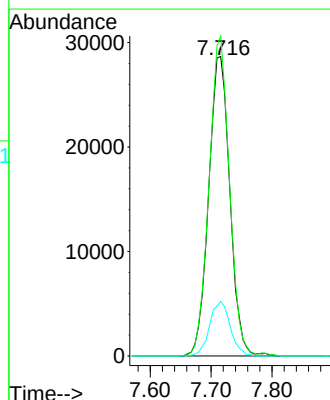
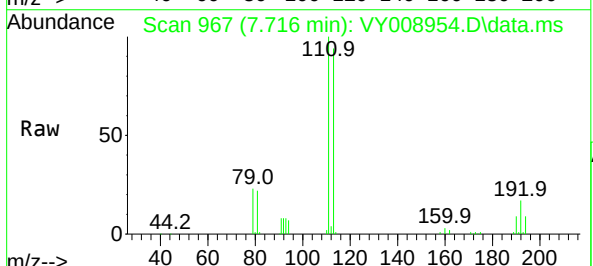
Tgt Ion:113 Resp: 69243

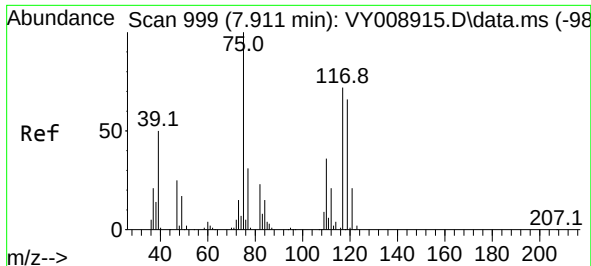
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 17.7 17.6 26.4

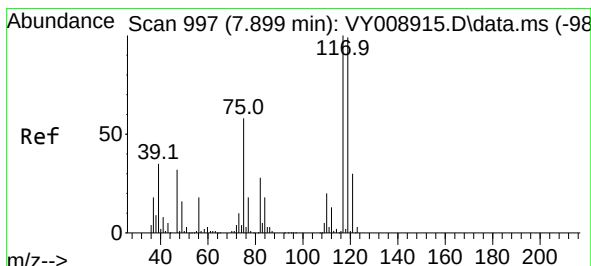
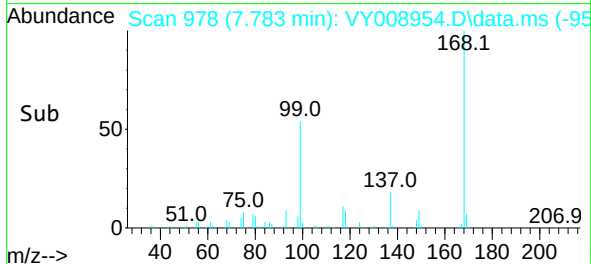
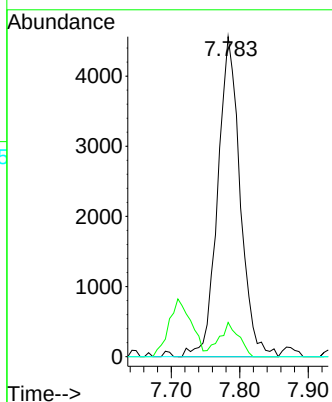
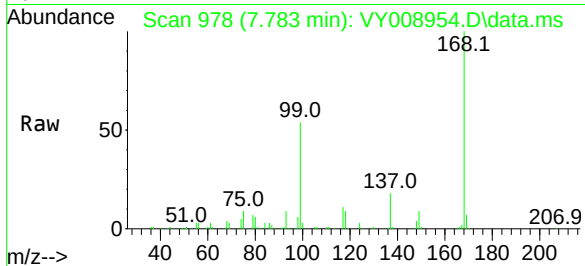




#36
1,1-Dichloropropene
Concen: 4.549 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

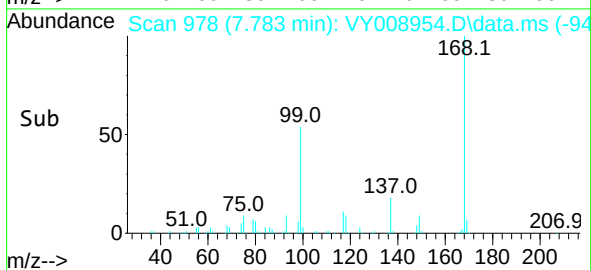
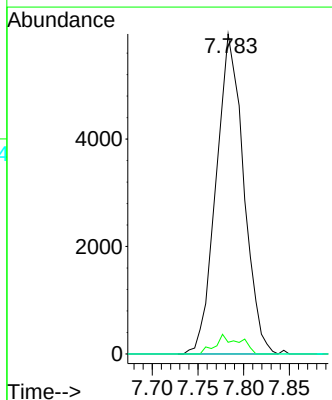
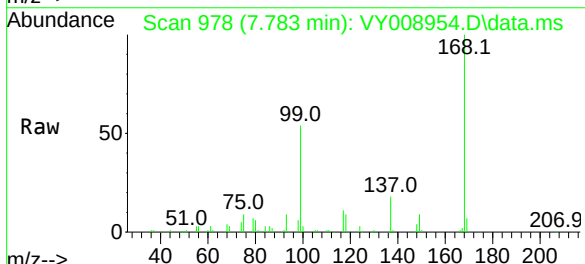
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

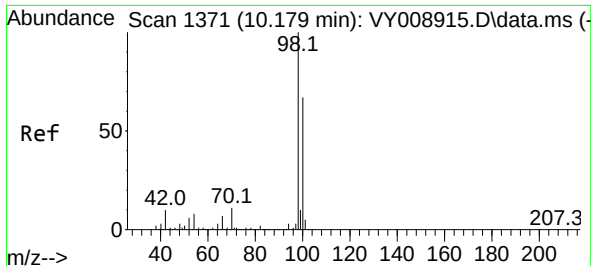
Tgt Ion: 75 Resp: 10370
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.224 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Tgt Ion: 117 Resp: 12459
Ion Ratio Lower Upper
117 100
119 3.6 77.9 116.9#
121 0.0 24.8 37.2#

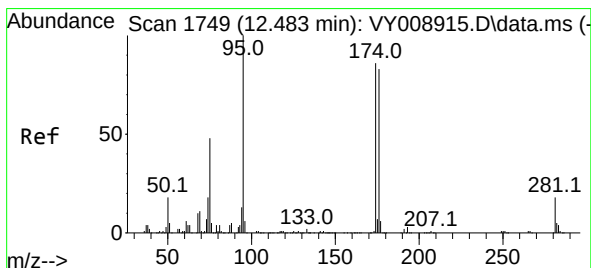
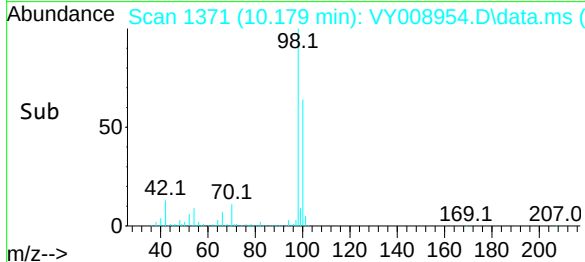
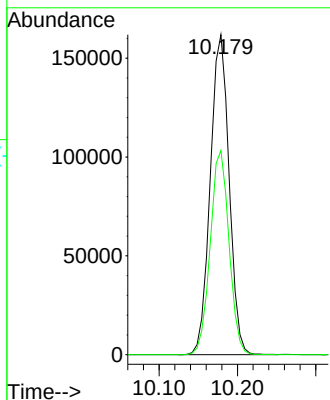
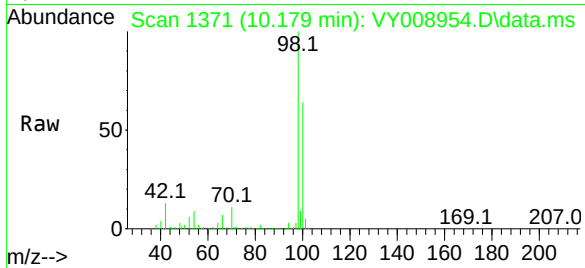




#50
Toluene-d8
Concen: 54.675 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

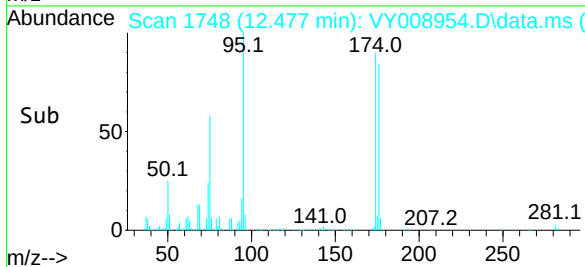
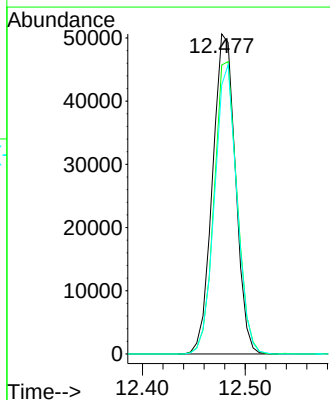
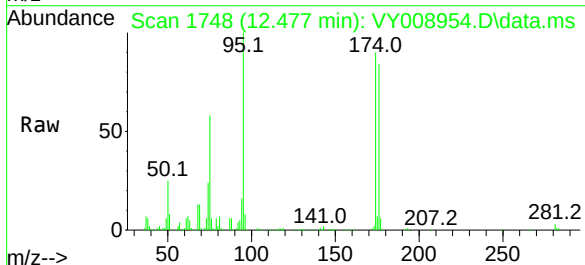
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

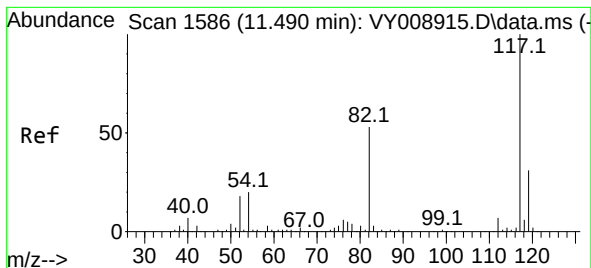
Tgt Ion: 98 Resp: 270216
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.328 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Tgt Ion: 95 Resp: 78405
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 87.9 0.0 175.8

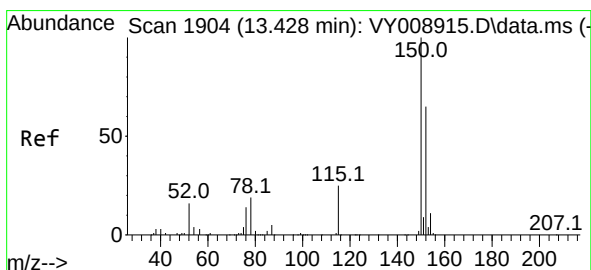
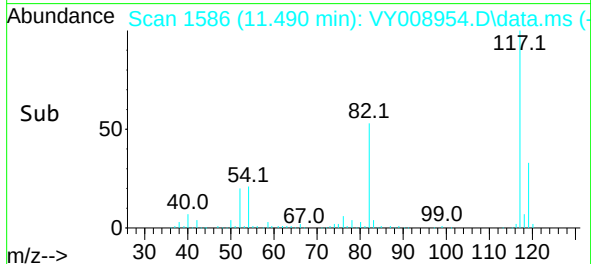
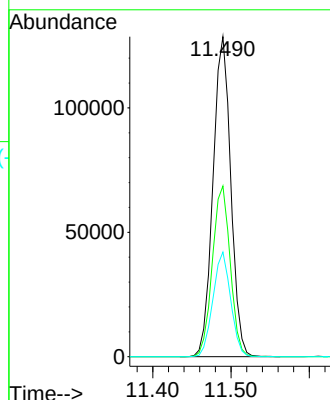
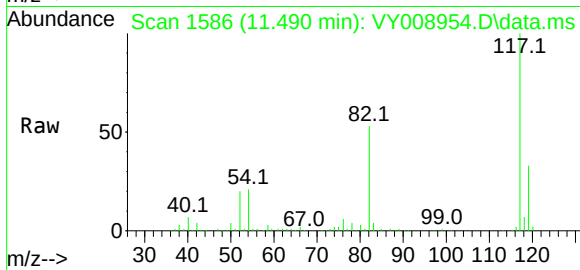




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

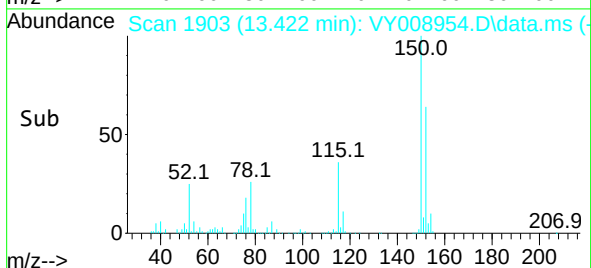
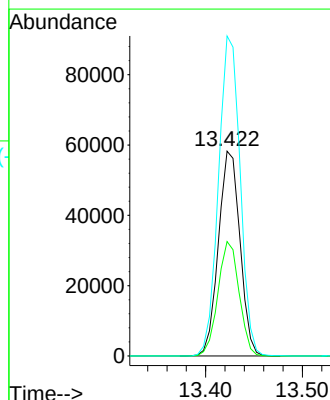
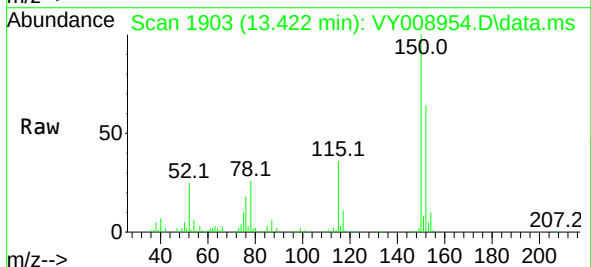
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

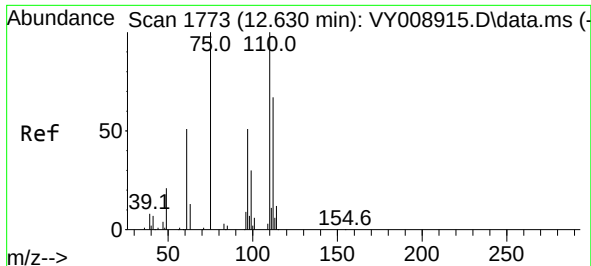
Tgt Ion:117 Resp: 203061
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Tgt Ion:152 Resp: 90108
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.9 0.0 347.6

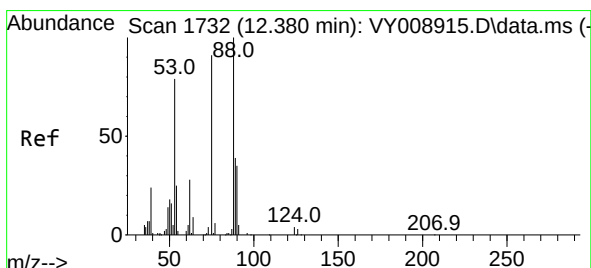
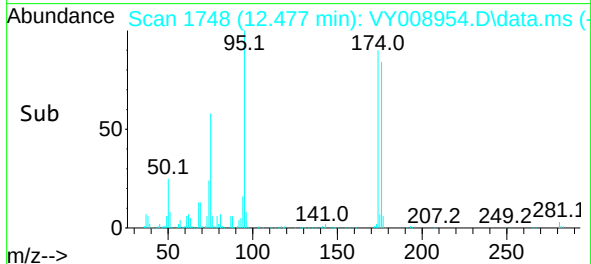
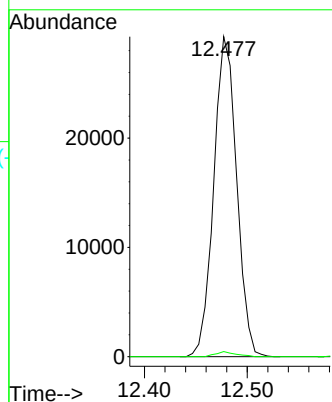
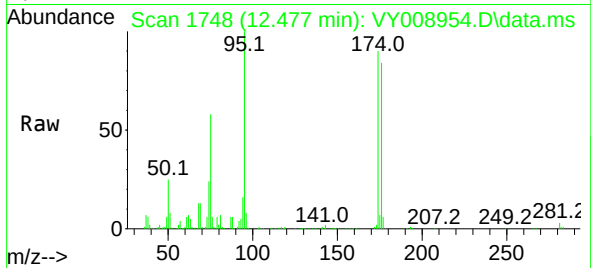




#76
1,2,3-Trichloropropane
Concen: 46.794 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

Tgt Ion: 75 Resp: 45280
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.044 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Tgt Ion: 75 Resp: 45280
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

