

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009031.D
 Acq On : 24 May 2022 01:37
 Operator : KP/MD
 Sample : N2948-11
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-2430-01

Quant Time: May 24 03:18:23 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)

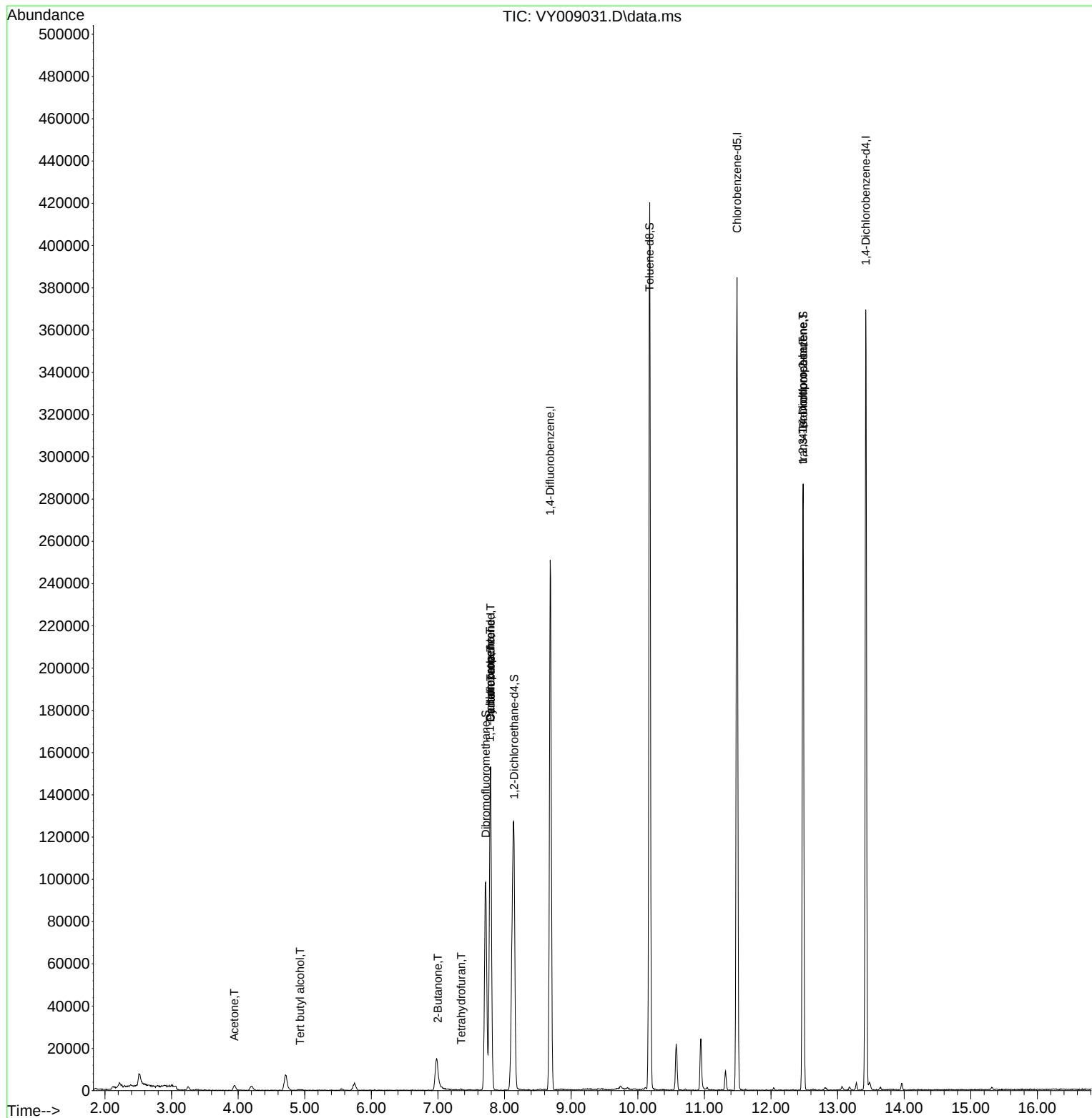
Internal Standards						
1) Pentafluorobenzene	7.789	168	115577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75108	63.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.280%	
35) Dibromofluoromethane	7.716	113	67061	50.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.179	98	263877	54.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.483	95	77755	39.594	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.180%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.930	59	372	3.083	ug/l #	77
16) Acetone	3.942	43	4192	16.930	ug/l #	80
20) Methylene Chloride	4.710	84	5409	Below Cal	#	79
25) 2-Butanone	6.996	43	1021	2.309	ug/l #	54
29) Tetrahydrofuran	7.350	42	361	1.202	ug/l #	44
31) Cyclohexane	7.789	56	2929	1.259	ug/l #	18
36) 1,1-Dichloropropene	7.783	75	9956	4.433	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11689	4.976	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	44234	47.334	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44234	97.153	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
Data File : VY009031.D
Acq On : 24 May 2022 01:37
Operator : KP/MD
Sample : N2948-11
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-2430-01

Quant Time: May 24 03:18:23 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

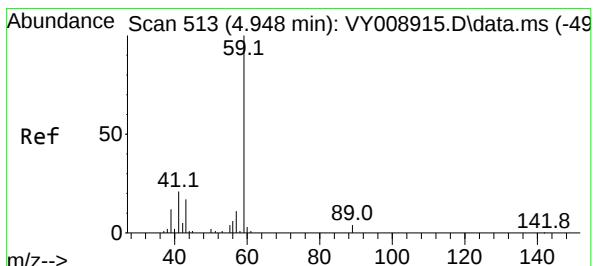
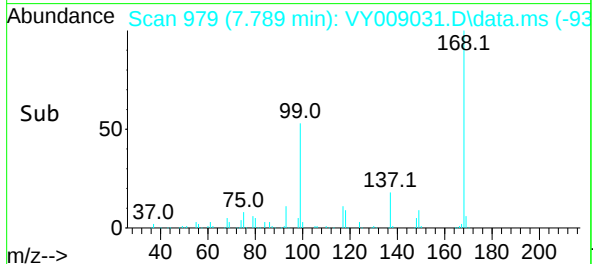
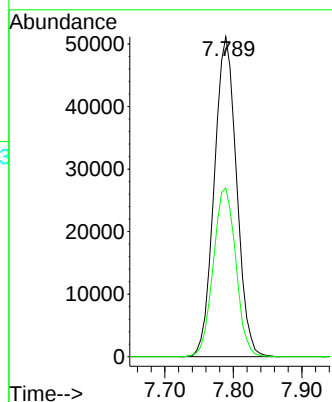
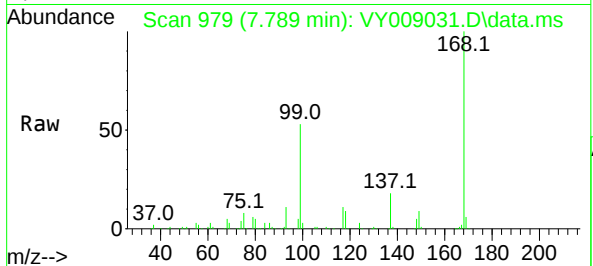




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

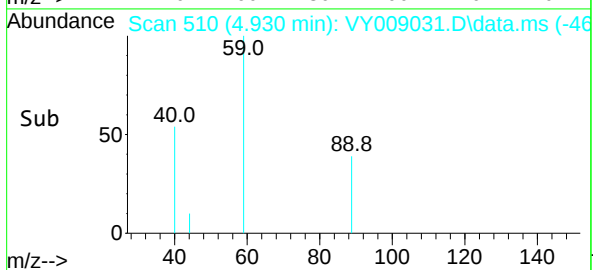
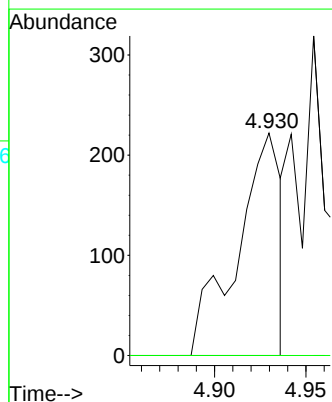
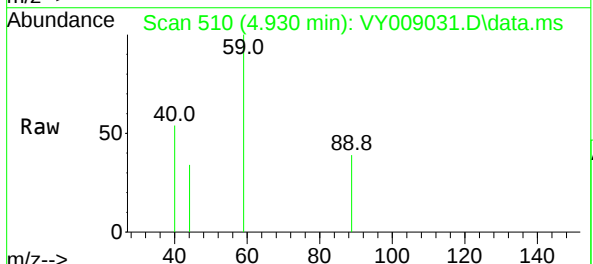
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-2430-01

Tgt Ion:168 Resp: 115577
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.083 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

Tgt Ion: 59 Resp: 372
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

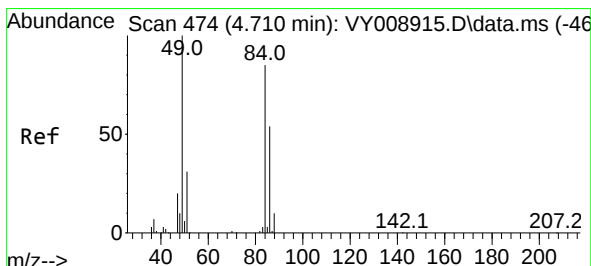
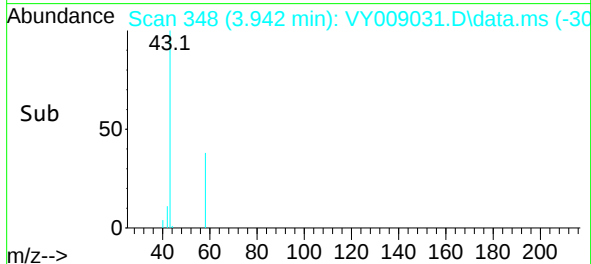
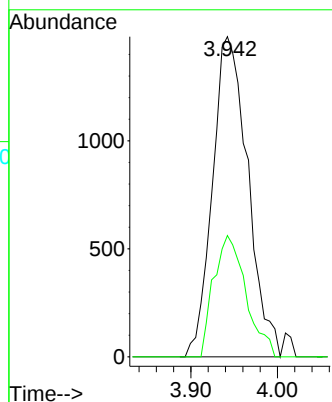
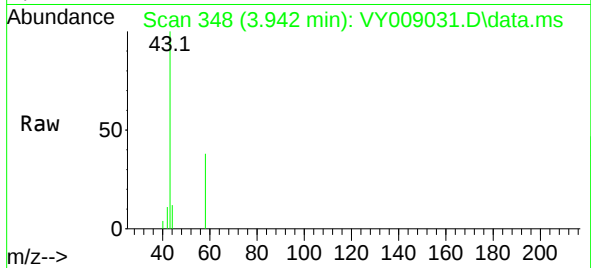




#16
Acetone
Concen: 16.930 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

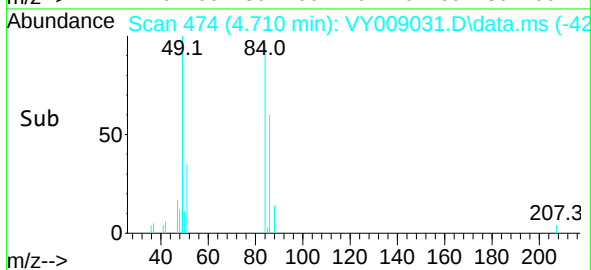
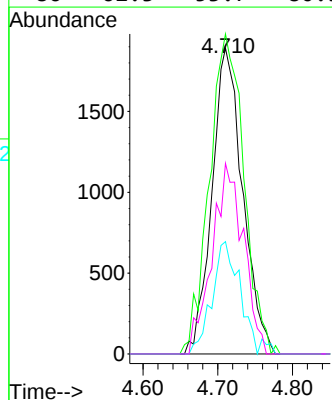
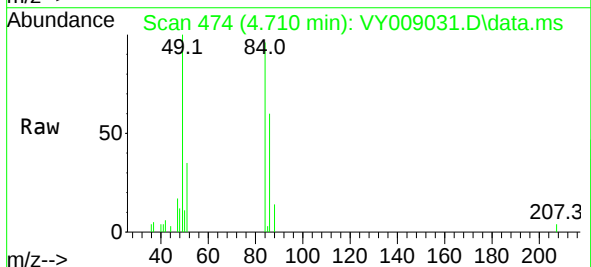
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-2430-01

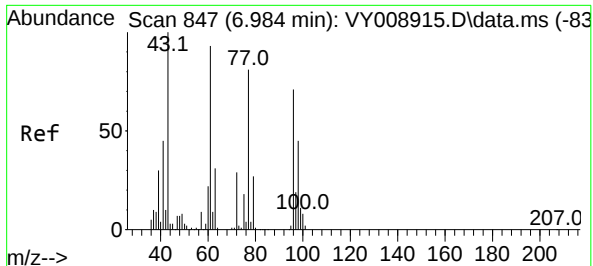
Tgt Ion: 43 Resp: 4192
Ion Ratio Lower Upper
43 100
58 37.9 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

Tgt Ion: 84 Resp: 5409
Ion Ratio Lower Upper
84 100
49 104.7 114.4 171.6#
51 36.8 35.3 52.9
86 62.3 53.7 80.5





#25

2-Butanone

Concen: 2.309 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY009031.D

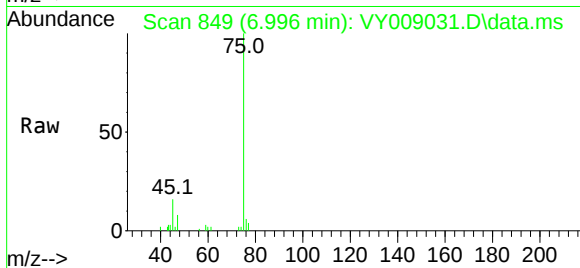
Acq: 24 May 2022 01:37

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-2430-01

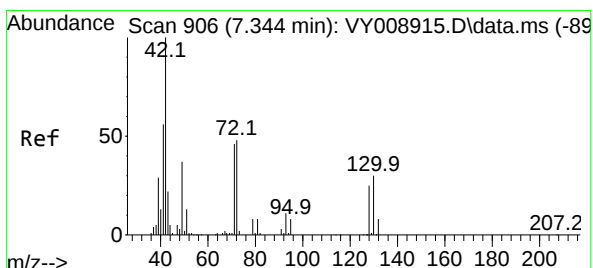
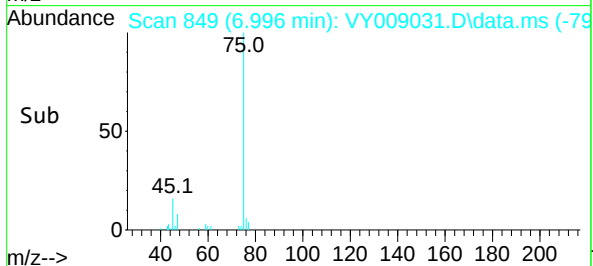
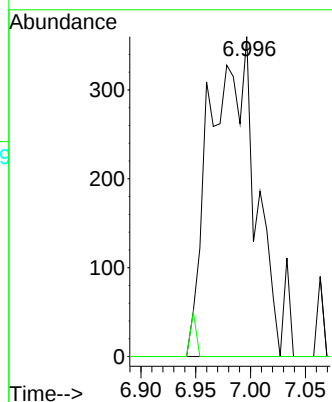


Tgt Ion: 43 Resp: 1021

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.202 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY009031.D

Acq: 24 May 2022 01:37

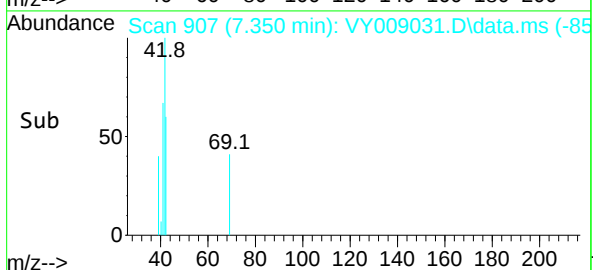
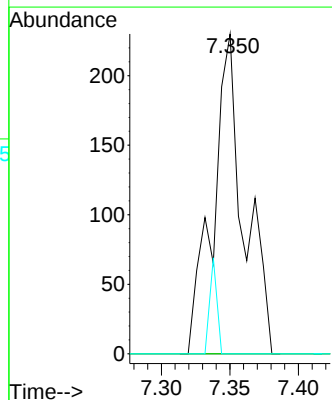
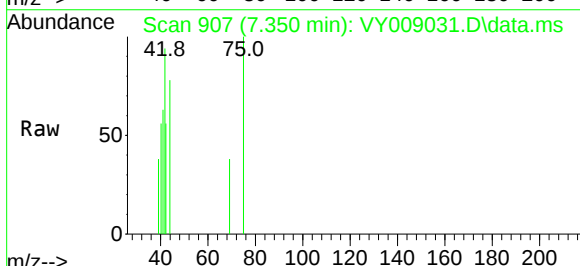
Tgt Ion: 42 Resp: 361

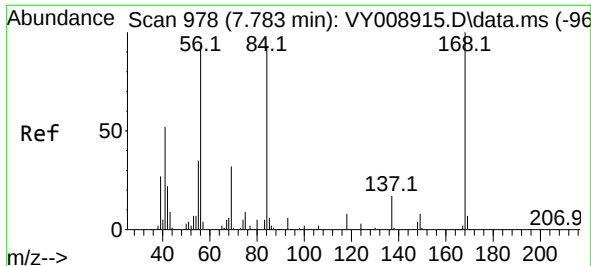
Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

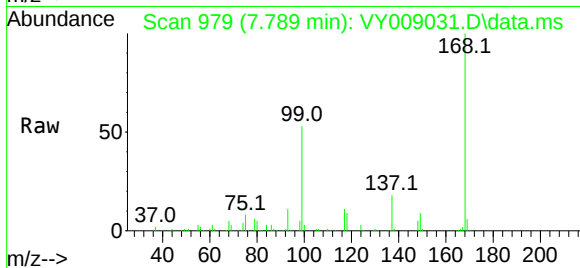
71 6.9 29.0 43.4#



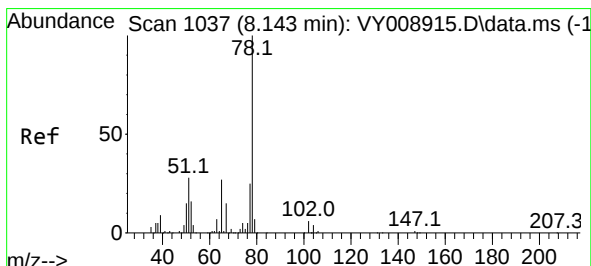
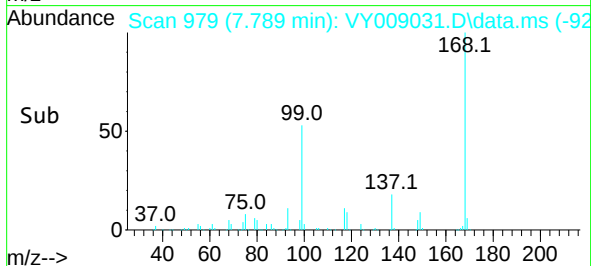
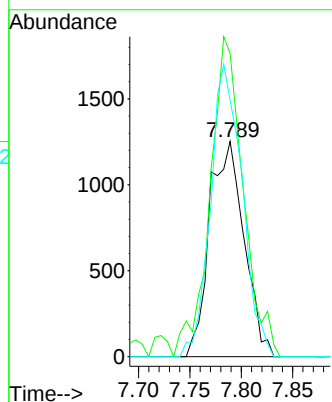


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-2430-01

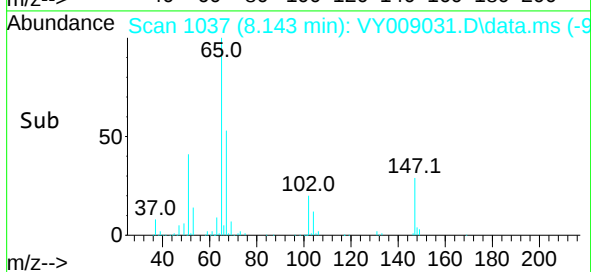
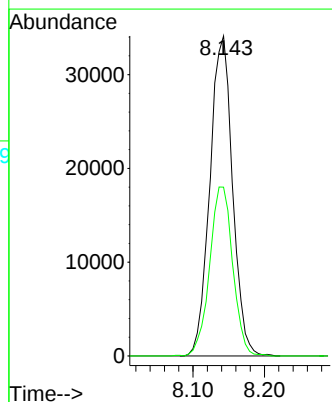
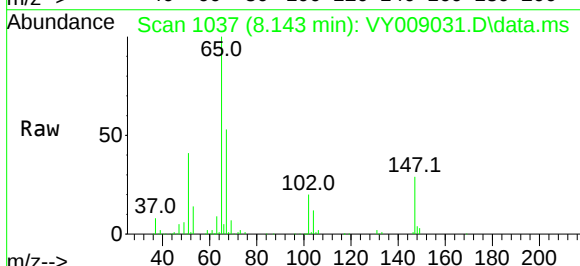


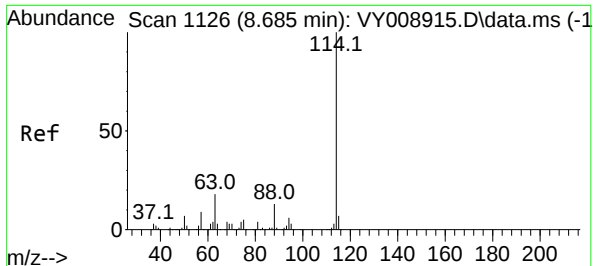
Tgt Ion: 56 Resp: 2929
Ion Ratio Lower Upper
56 100
69 141.0 26.7 40.1#
84 119.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.143 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

Tgt Ion: 65 Resp: 75108
Ion Ratio Lower Upper
65 100
67 54.0 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: VY009031.D

Acq: 24 May 2022 01:37

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-2430-01

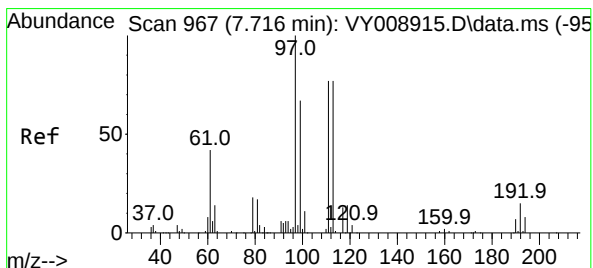
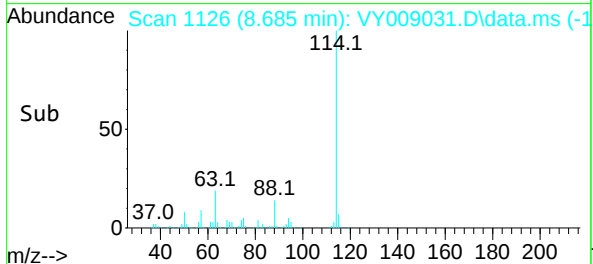
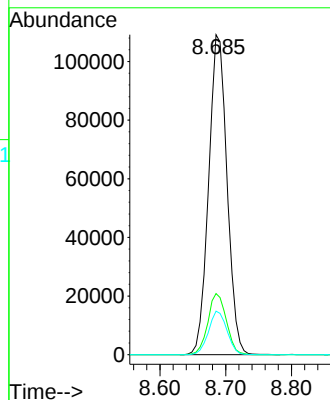
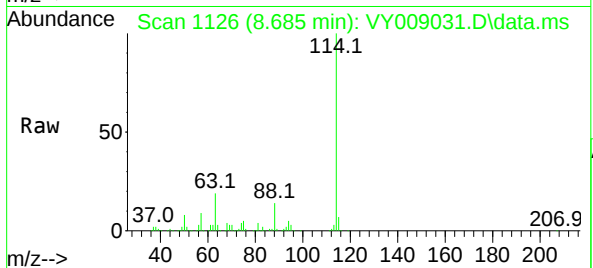
Tgt Ion:114 Resp: 212214

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.818 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009031.D

Acq: 24 May 2022 01:37

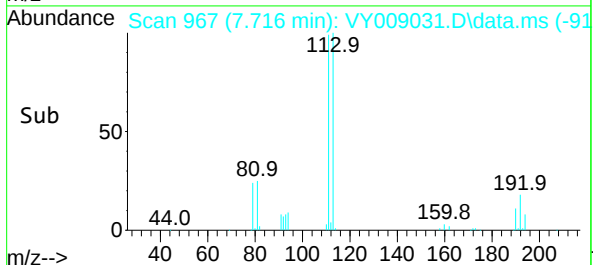
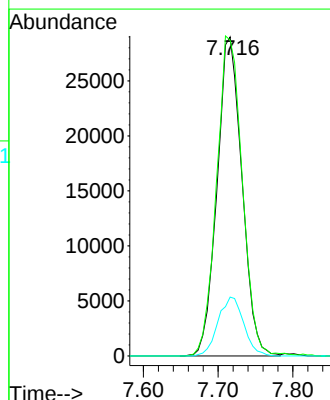
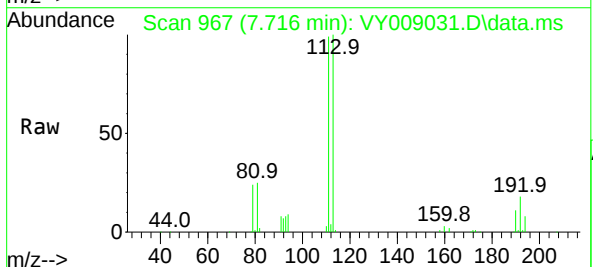
Tgt Ion:113 Resp: 67061

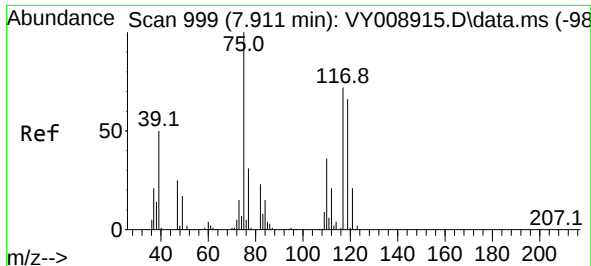
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.1 17.6 26.4

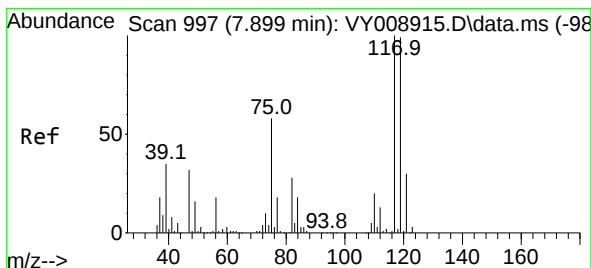
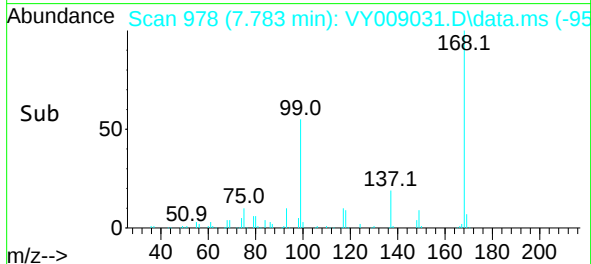
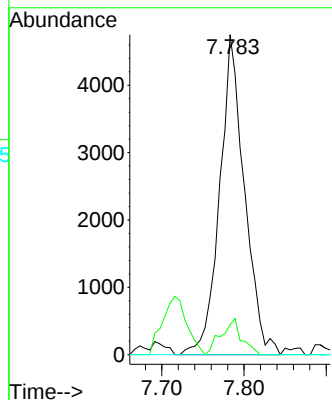
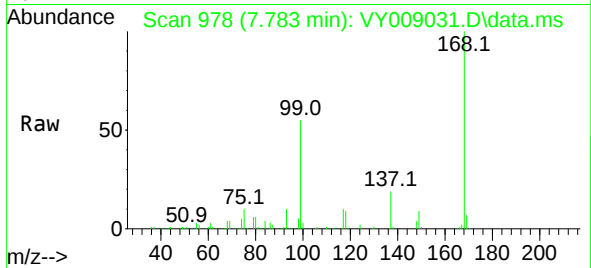




#36
1,1-Dichloropropene
Concen: 4.433 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

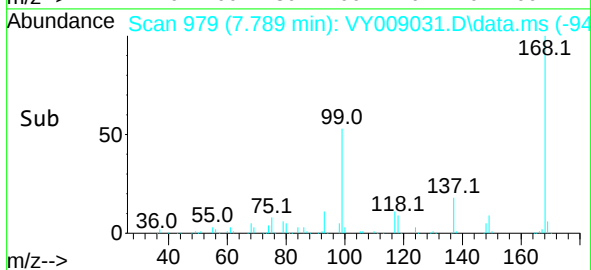
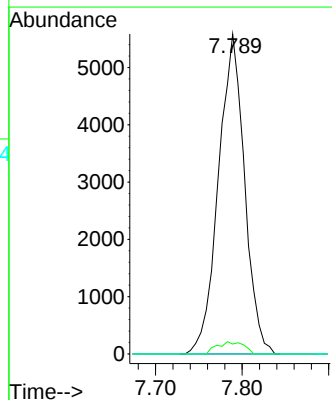
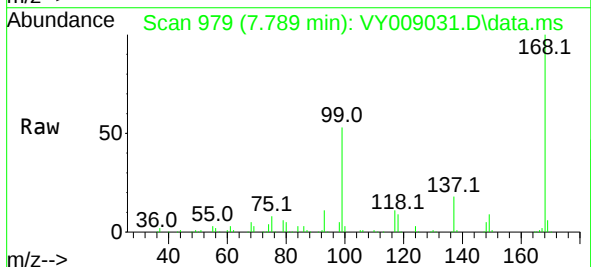
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-2430-01

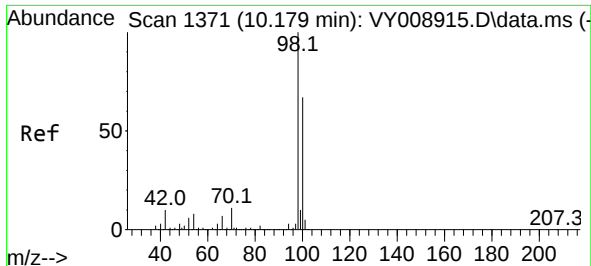
Tgt Ion: 75 Resp: 9956
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.976 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

Tgt Ion: 117 Resp: 11689
Ion Ratio Lower Upper
117 100
119 3.1 77.9 116.9#
121 0.0 24.8 37.2#

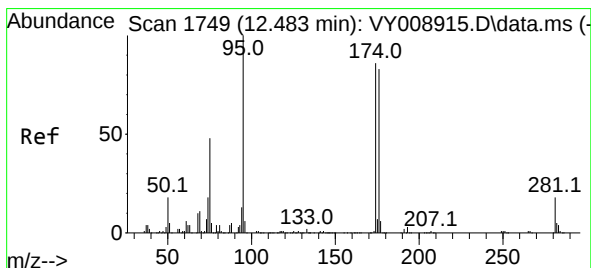
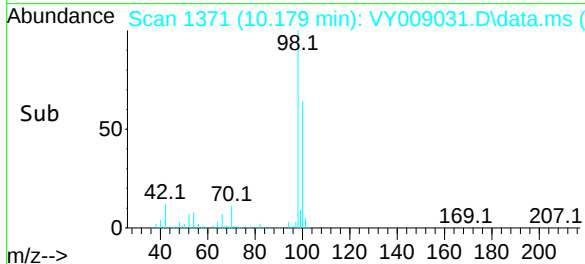
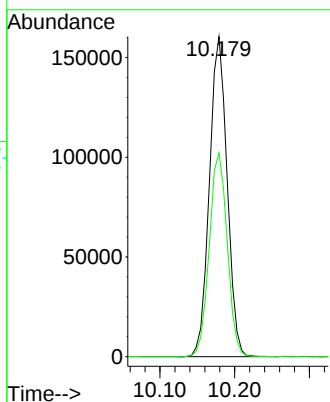
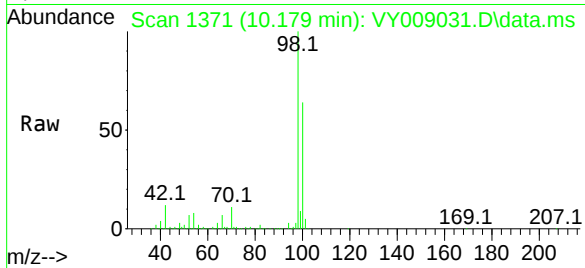




#50
Toluene-d8
Concen: 54.203 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

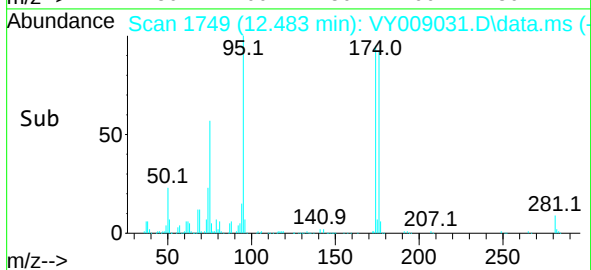
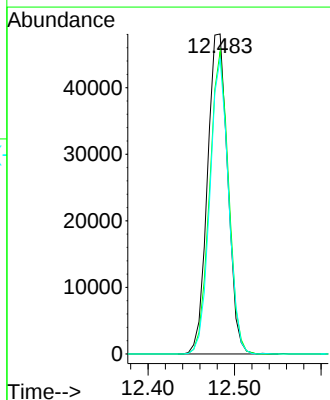
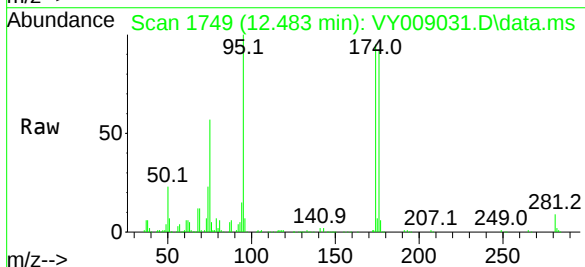
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-2430-01

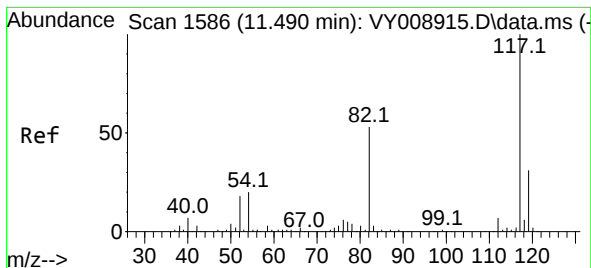
Tgt Ion: 98 Resp: 263877
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.594 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

Tgt Ion: 95 Resp: 77755
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 84.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009031.D

Acq: 24 May 2022 01:37

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-2430-01

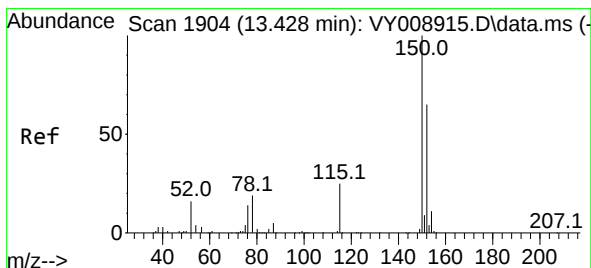
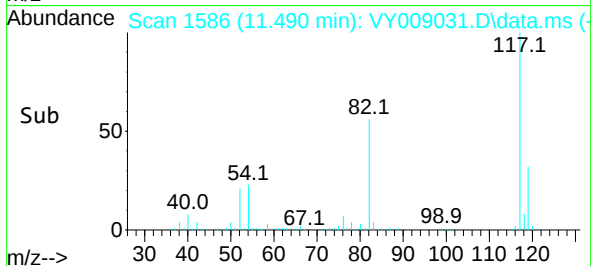
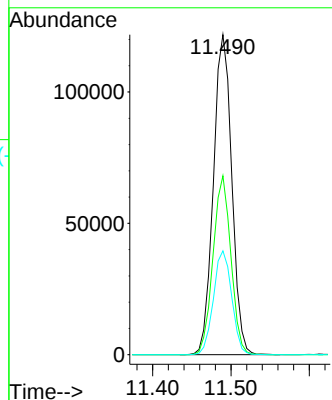
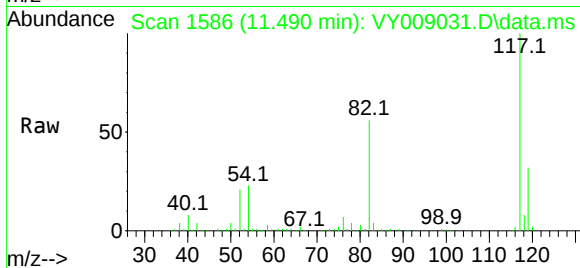
Tgt Ion:117 Resp: 198784

Ion Ratio Lower Upper

117 100

82 55.9 43.0 64.4

119 32.4 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: VY009031.D

Acq: 24 May 2022 01:37

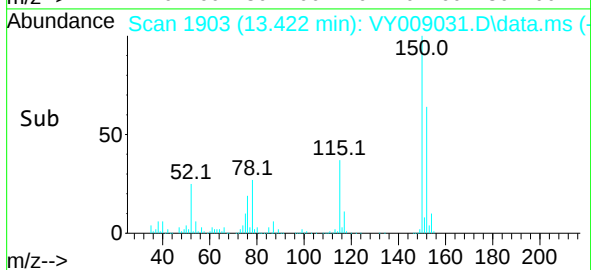
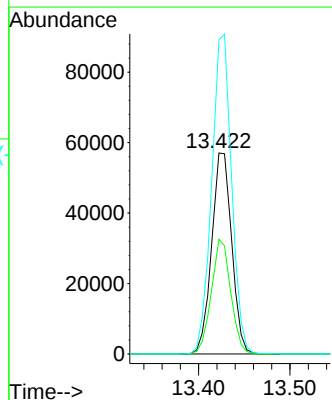
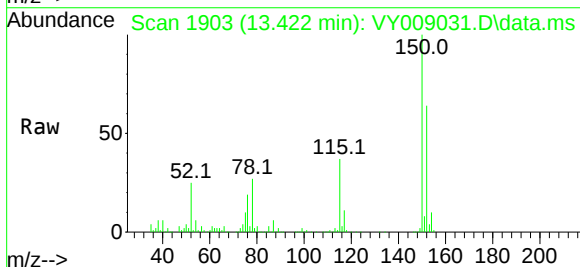
Tgt Ion:152 Resp: 87022

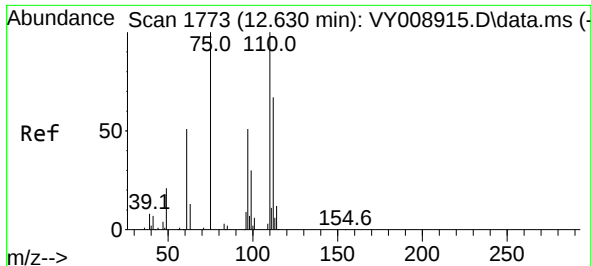
Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 157.8 0.0 347.6

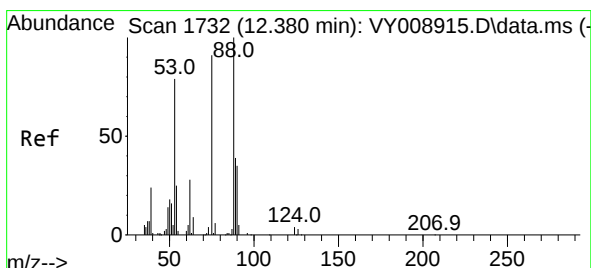
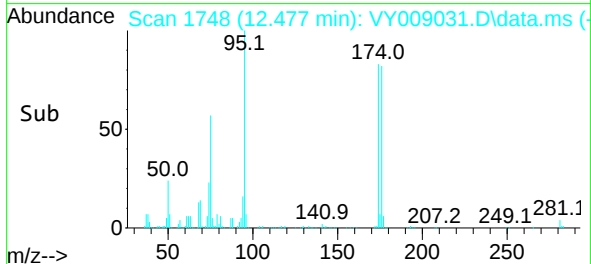
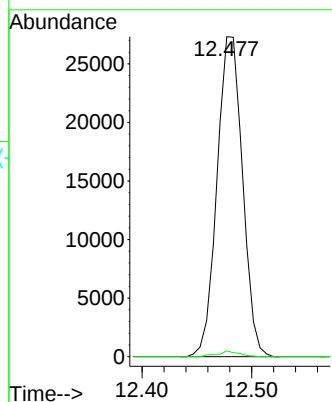
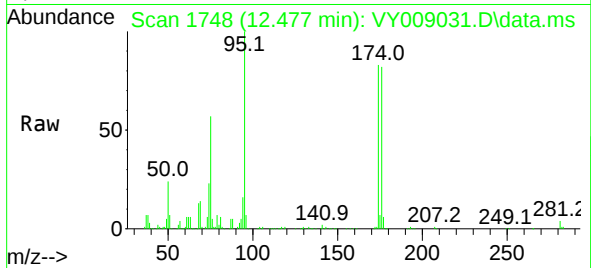




#76
1,2,3-Trichloropropane
Concen: 47.334 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-2430-01

Tgt Ion: 75 Resp: 44234
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.153 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009031.D
Acq: 24 May 2022 01:37

Tgt Ion: 75 Resp: 44234
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

