

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008978.D
 Acq On : 22 May 2022 03:51
 Operator : KP/MD
 Sample : N2887-11
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-2430-01

Quant Time: May 22 04:49:27 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)

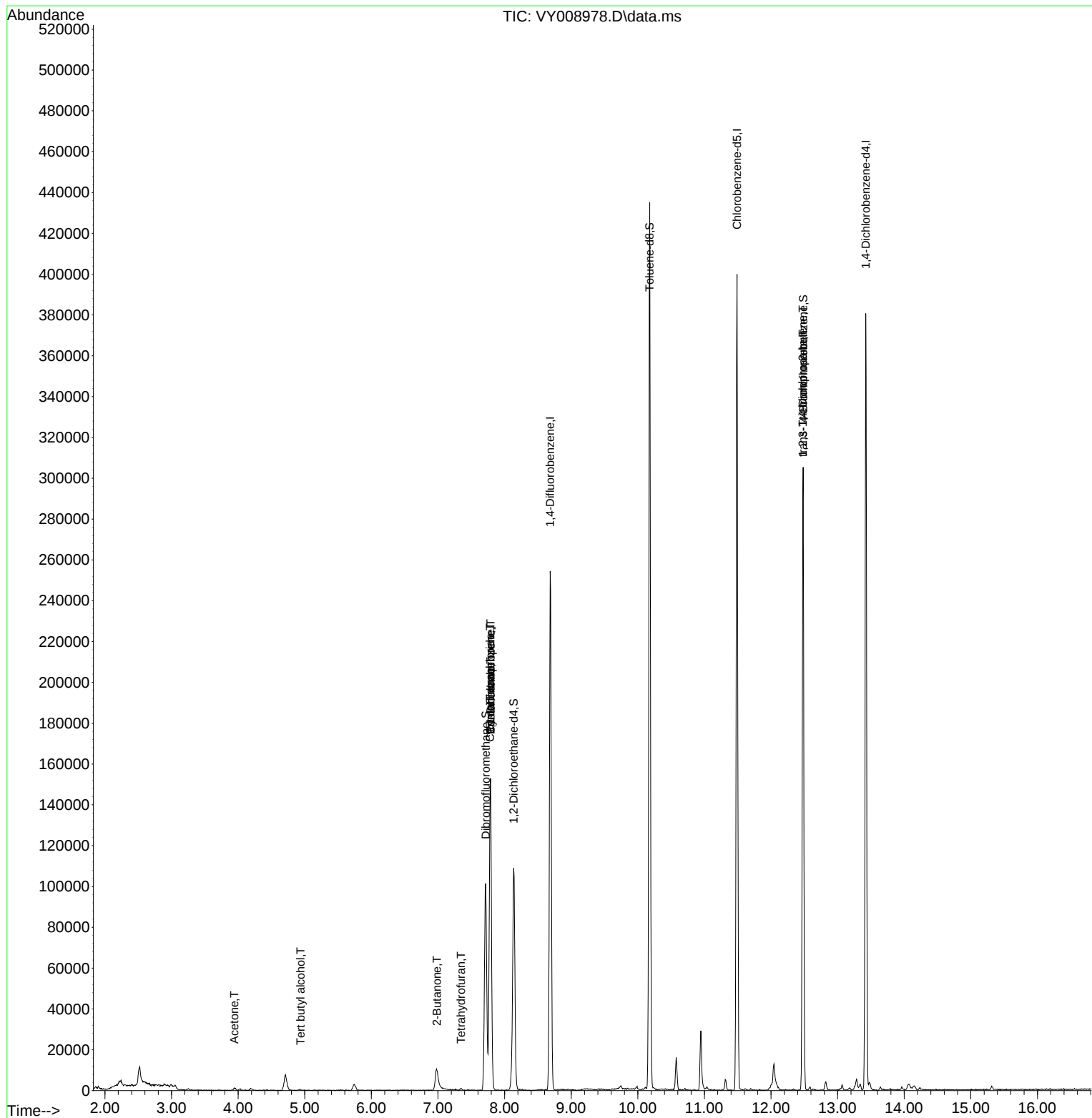
Internal Standards						
1) Pentafluorobenzene	7.789	168	118058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79227	65.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.420%	
35) Dibromofluoromethane	7.716	113	69496	52.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.179	98	264691	54.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.600%	
62) 4-Bromofluorobenzene	12.483	95	80106	40.737	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	258	2.093	ug/l #	77
16) Acetone	3.942	43	1840	7.275	ug/l	95
20) Methylene Chloride	4.716	84	4934	Below Cal	#	79
25) 2-Butanone	6.984	43	584	1.293	ug/l #	54
29) Tetrahydrofuran	7.344	42	410	1.336	ug/l	94
31) Cyclohexane	7.789	56	2900	1.220	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	10154	4.515	ug/l #	53
38) Carbon Tetrachloride	7.783	117	11801	5.017	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	45688	46.971	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45688	96.409	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
Data File : VY008978.D
Acq On : 22 May 2022 03:51
Operator : KP/MD
Sample : N2887-11
Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-2430-01

Quant Time: May 22 04:49:27 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

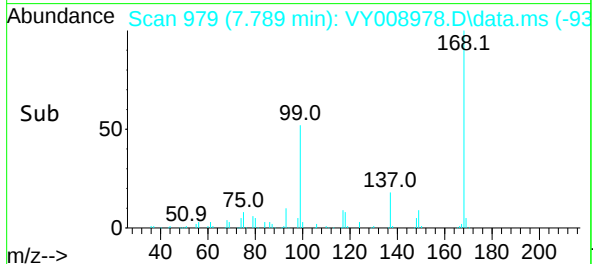
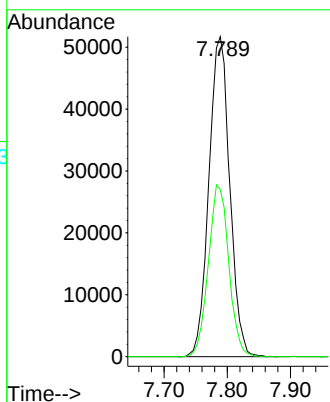
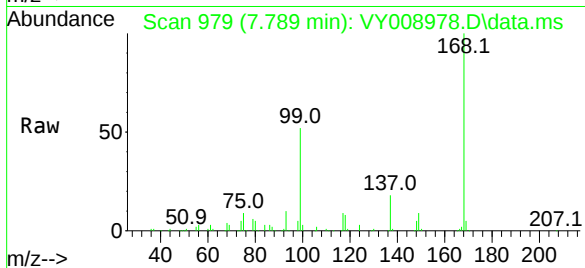




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

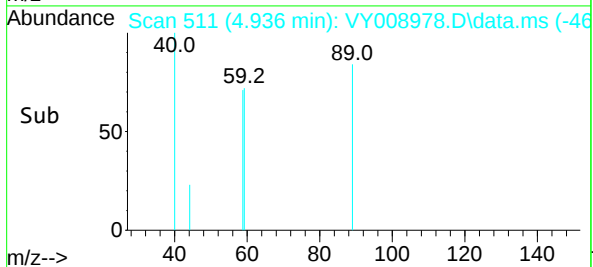
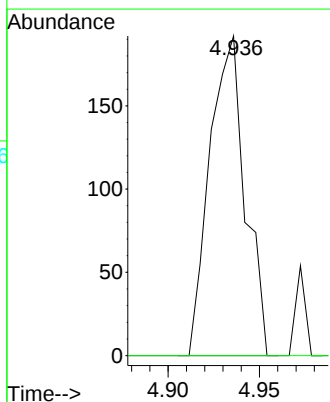
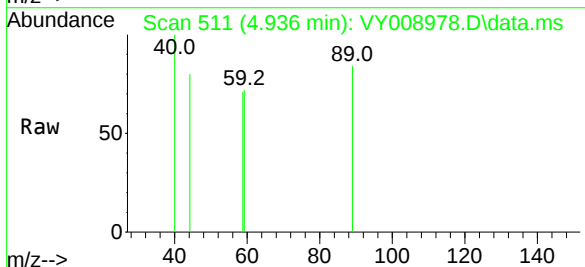
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-2430-01

Tgt Ion:168 Resp: 118058
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.093 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

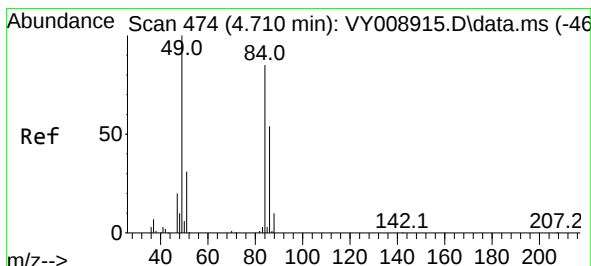
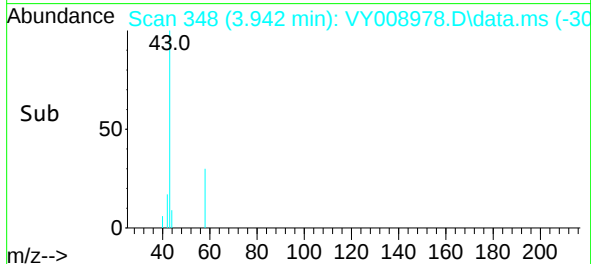
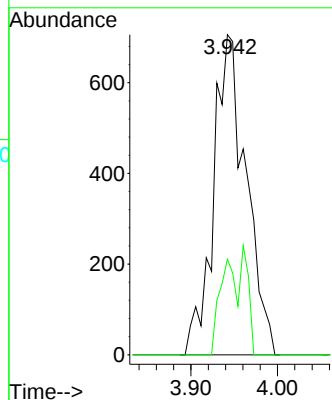
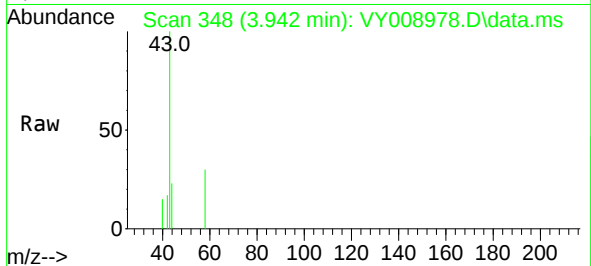




#16
Acetone
Concen: 7.275 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

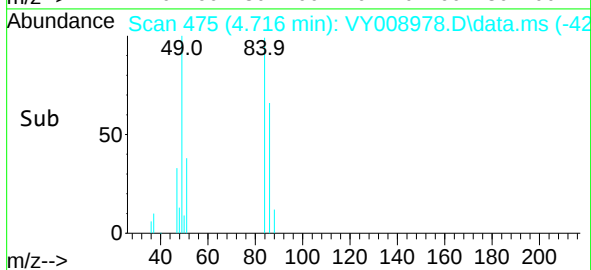
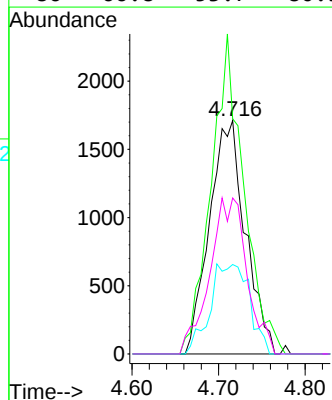
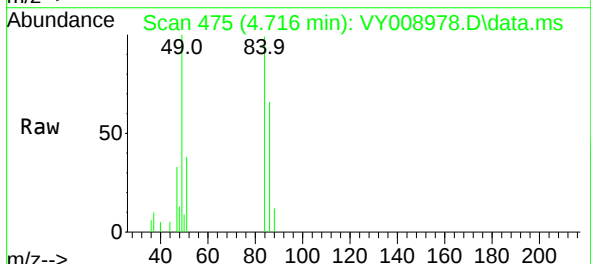
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-2430-01

Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion: 84 Resp: 4934
Ion Ratio Lower Upper
84 100
49 100.8 114.4 171.6#
51 38.3 35.3 52.9
86 66.8 53.7 80.5

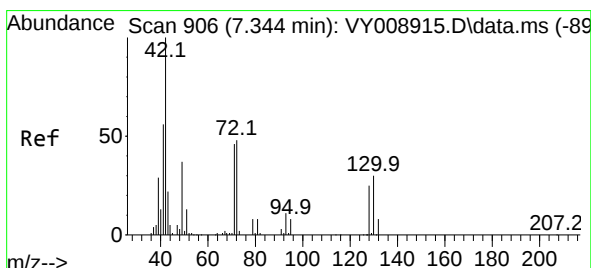
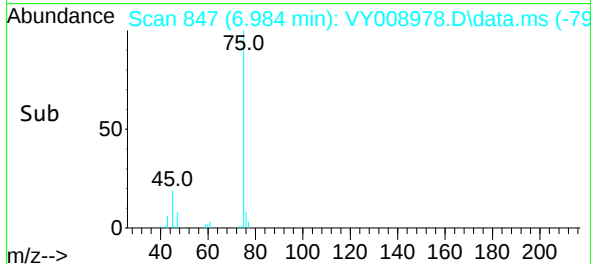
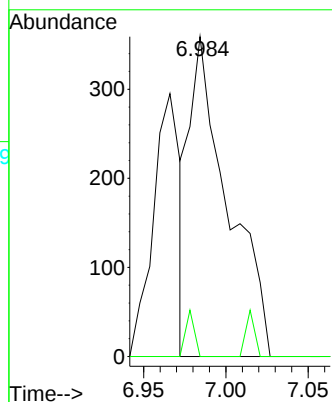
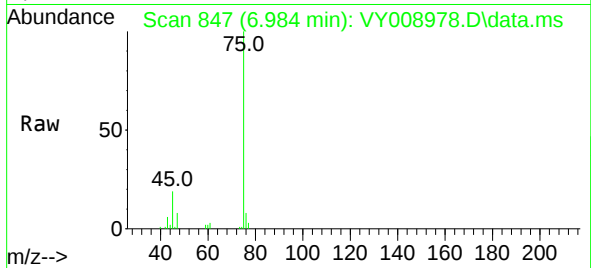




#25
2-Butanone
Concen: 1.293 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

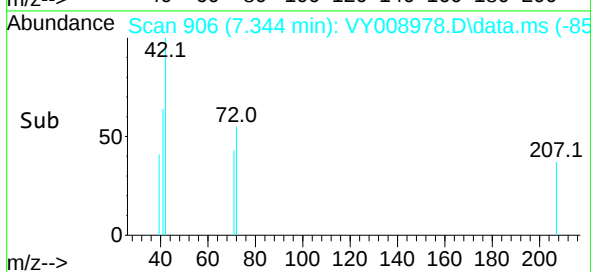
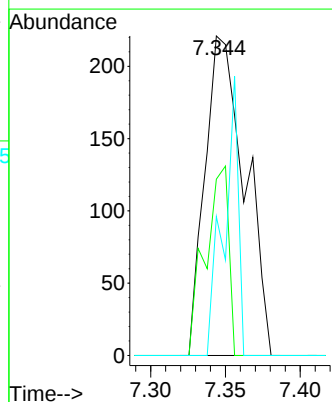
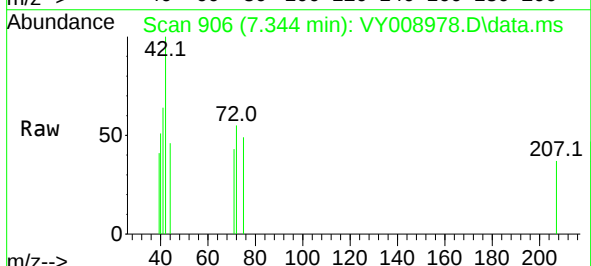
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-2430-01

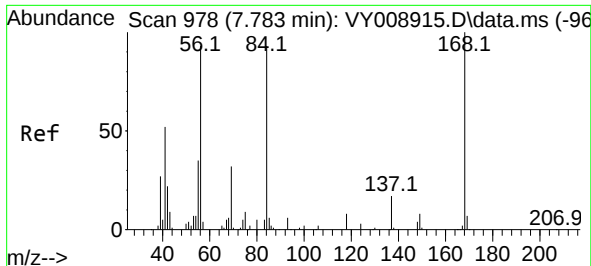
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.336 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion: 42 Resp: 410
Ion Ratio Lower Upper
42 100
72 34.6 30.3 45.5
71 31.7 29.0 43.4

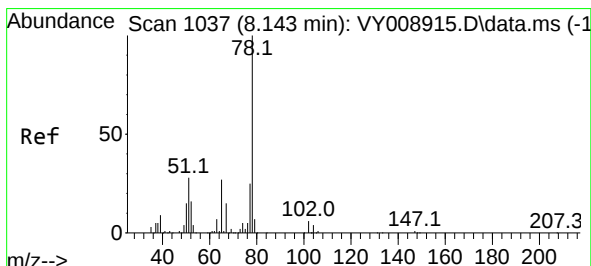
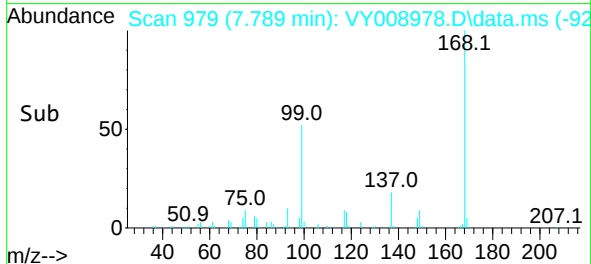
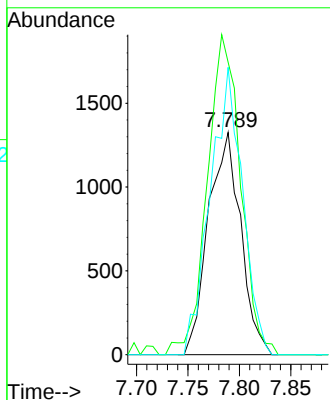
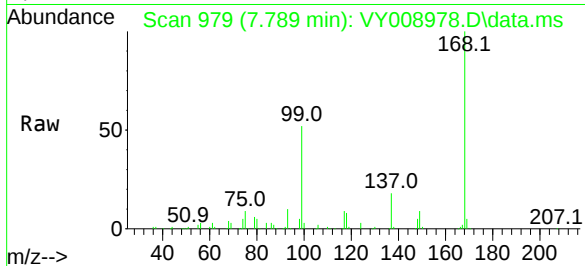




#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

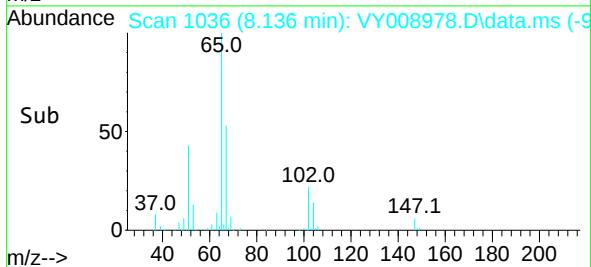
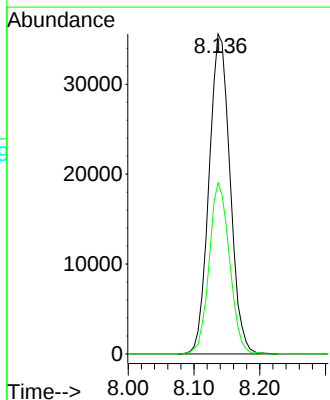
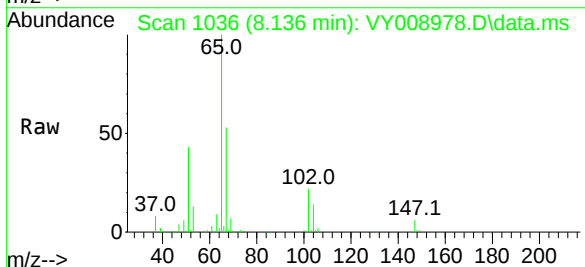
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-2430-01

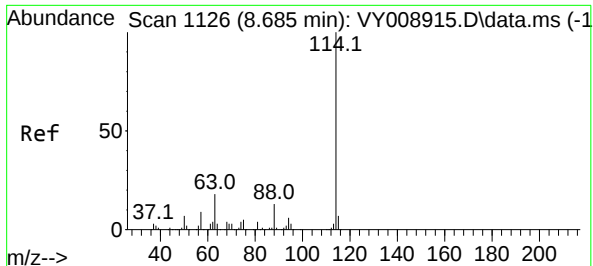
Tgt Ion: 56 Resp: 2900
Ion Ratio Lower Upper
56 100
69 131.6 26.7 40.1#
84 129.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.206 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion: 65 Resp: 79227
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4

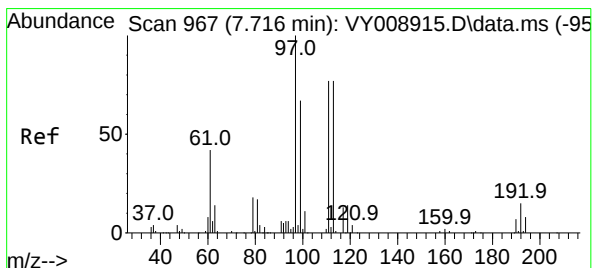
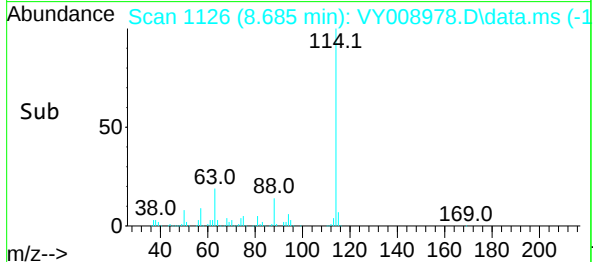
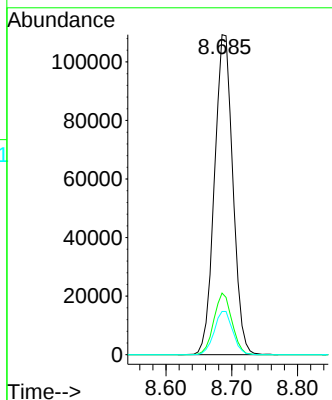
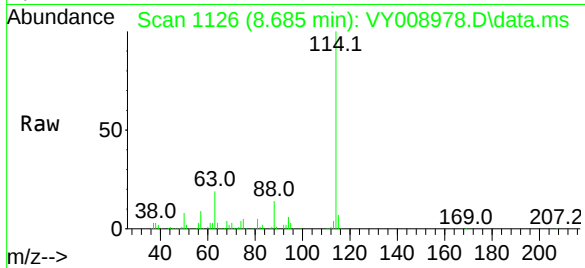




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

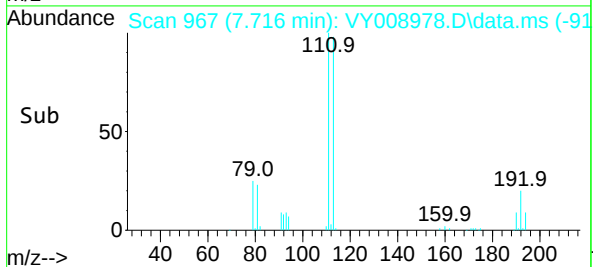
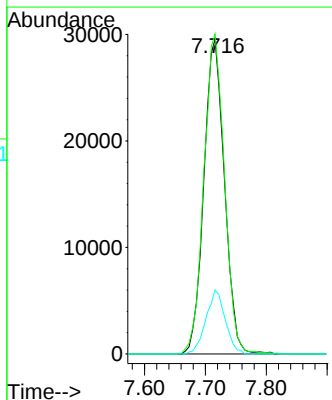
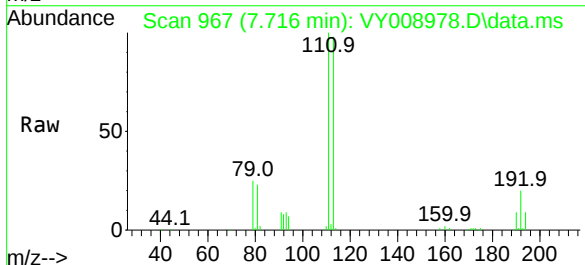
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-2430-01

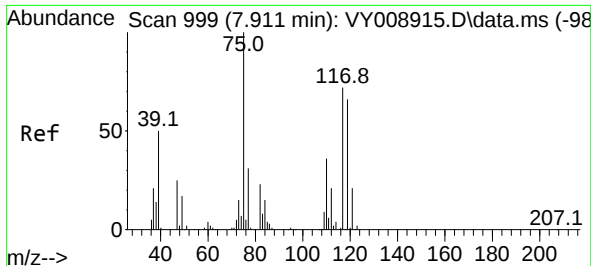
Tgt Ion:	114	Resp:	212494
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	43.2
88	13.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 52.594 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion:	113	Resp:	69496
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.6	124.0
192	19.0	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.515 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008978.D

Acq: 22 May 2022 03:51

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-2430-01

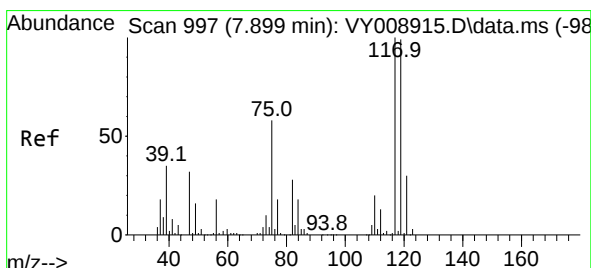
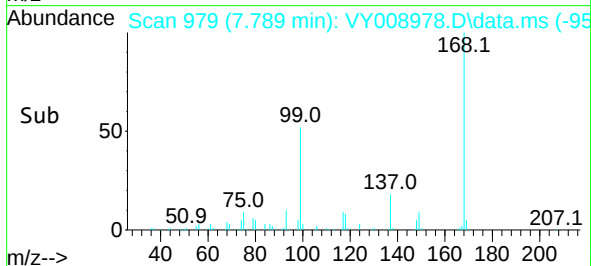
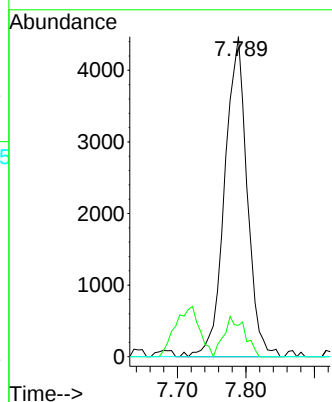
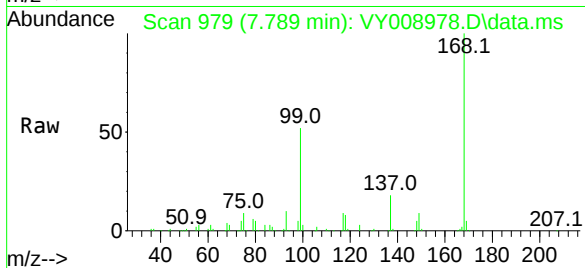
Tgt Ion: 75 Resp: 10154

Ion Ratio Lower Upper

75 100

110 11.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.017 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008978.D

Acq: 22 May 2022 03:51

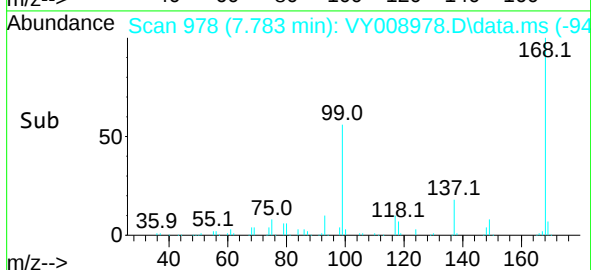
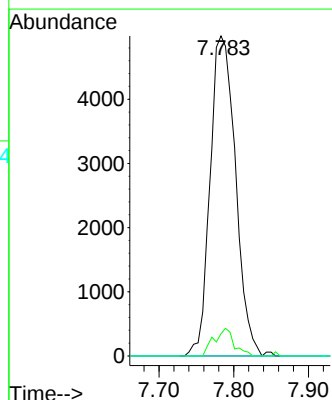
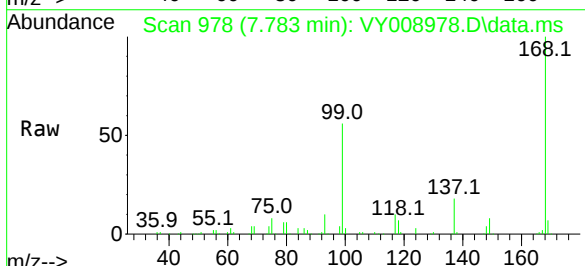
Tgt Ion: 117 Resp: 11801

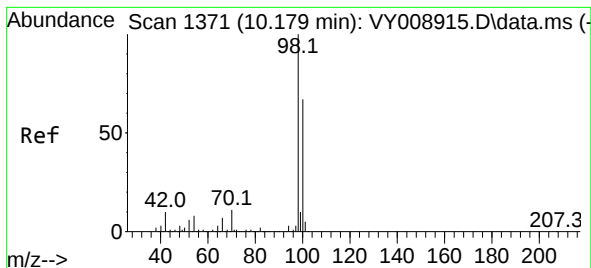
Ion Ratio Lower Upper

117 100

119 6.9 77.9 116.9#

121 0.0 24.8 37.2#

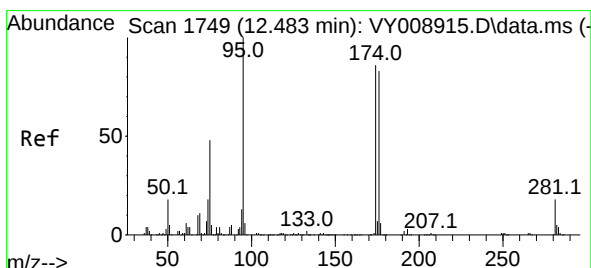
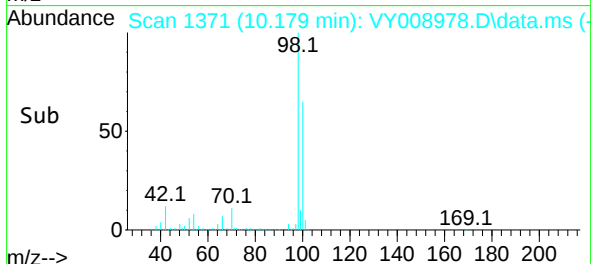
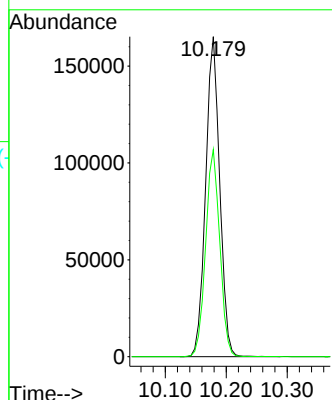
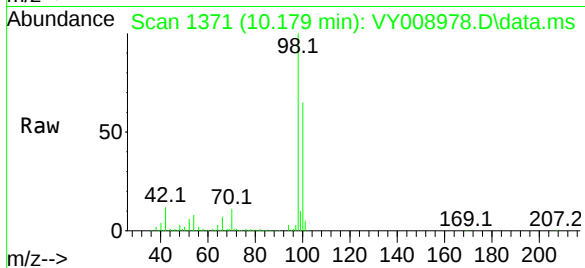




#50
Toluene-d8
Concen: 54.298 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

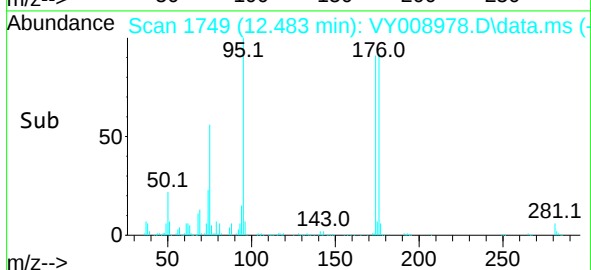
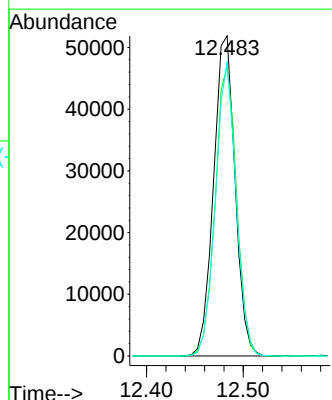
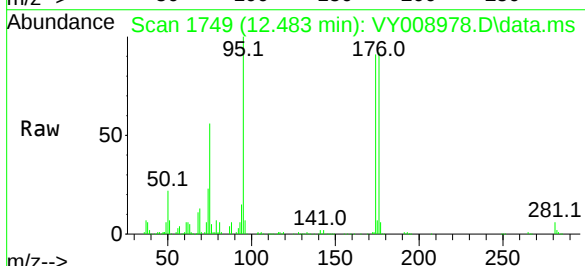
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-2430-01

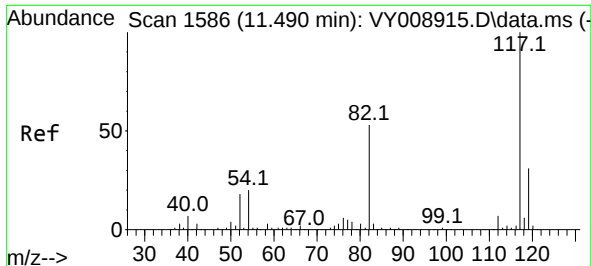
Tgt Ion: 98 Resp: 264691
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.737 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion: 95 Resp: 80106
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 87.8 0.0 175.8

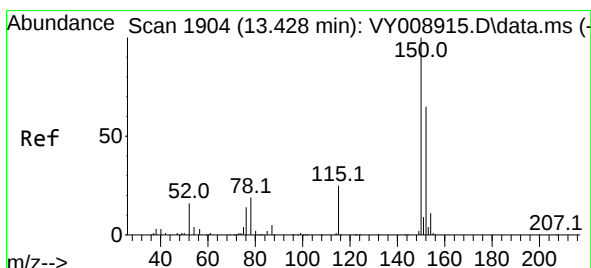
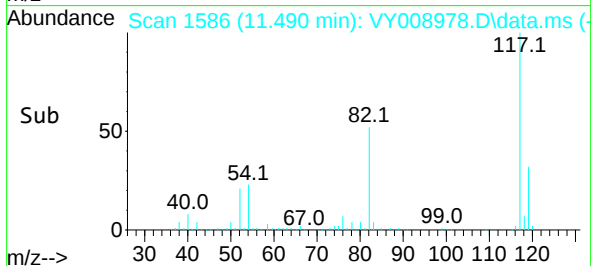
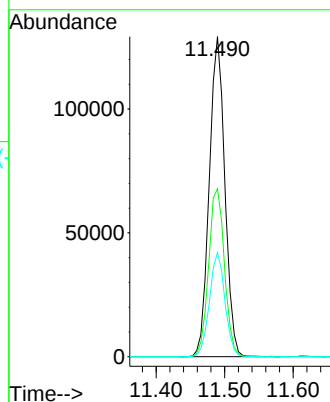
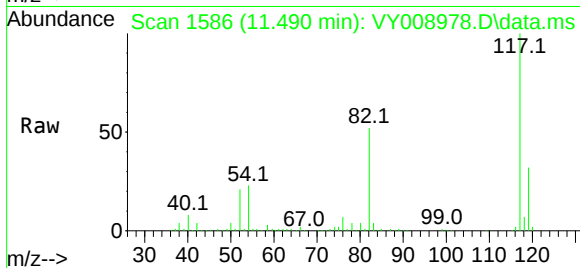




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

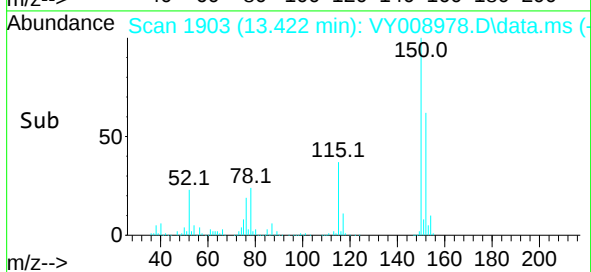
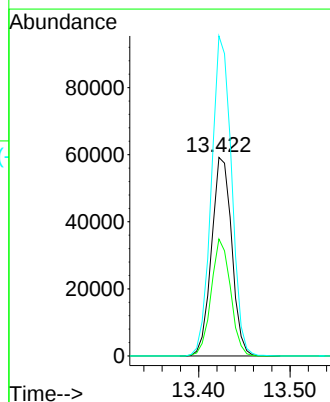
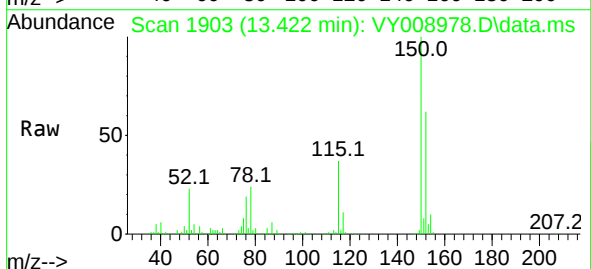
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-2430-01

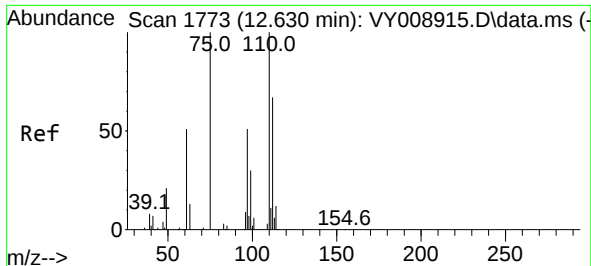
Tgt Ion:117 Resp: 203896
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion:152 Resp: 90576
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 160.7 0.0 347.6

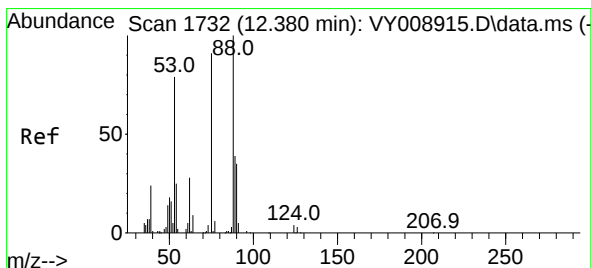
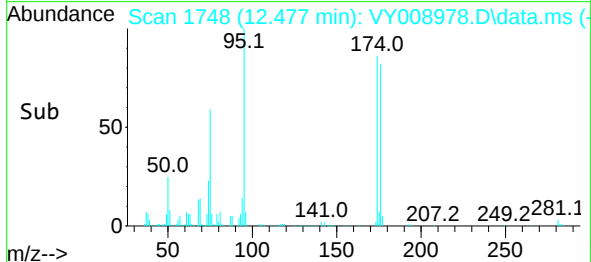
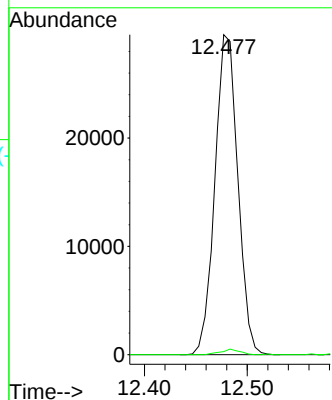
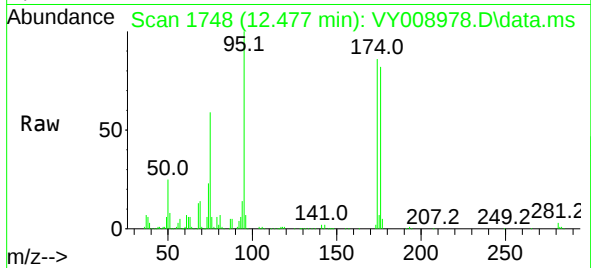




#76
1,2,3-Trichloropropane
Concen: 46.971 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Instrument : MSVOA_Y
ClientSampleId : P038-SS001-2430-01

Tgt Ion: 75 Resp: 45688
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.409 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion: 75 Resp: 45688
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

