

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008923.D
 Acq On : 20 May 2022 23:41
 Operator : KP/MD
 Sample : N2908-01
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BI-1

Quant Time: May 21 02:48:02 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)

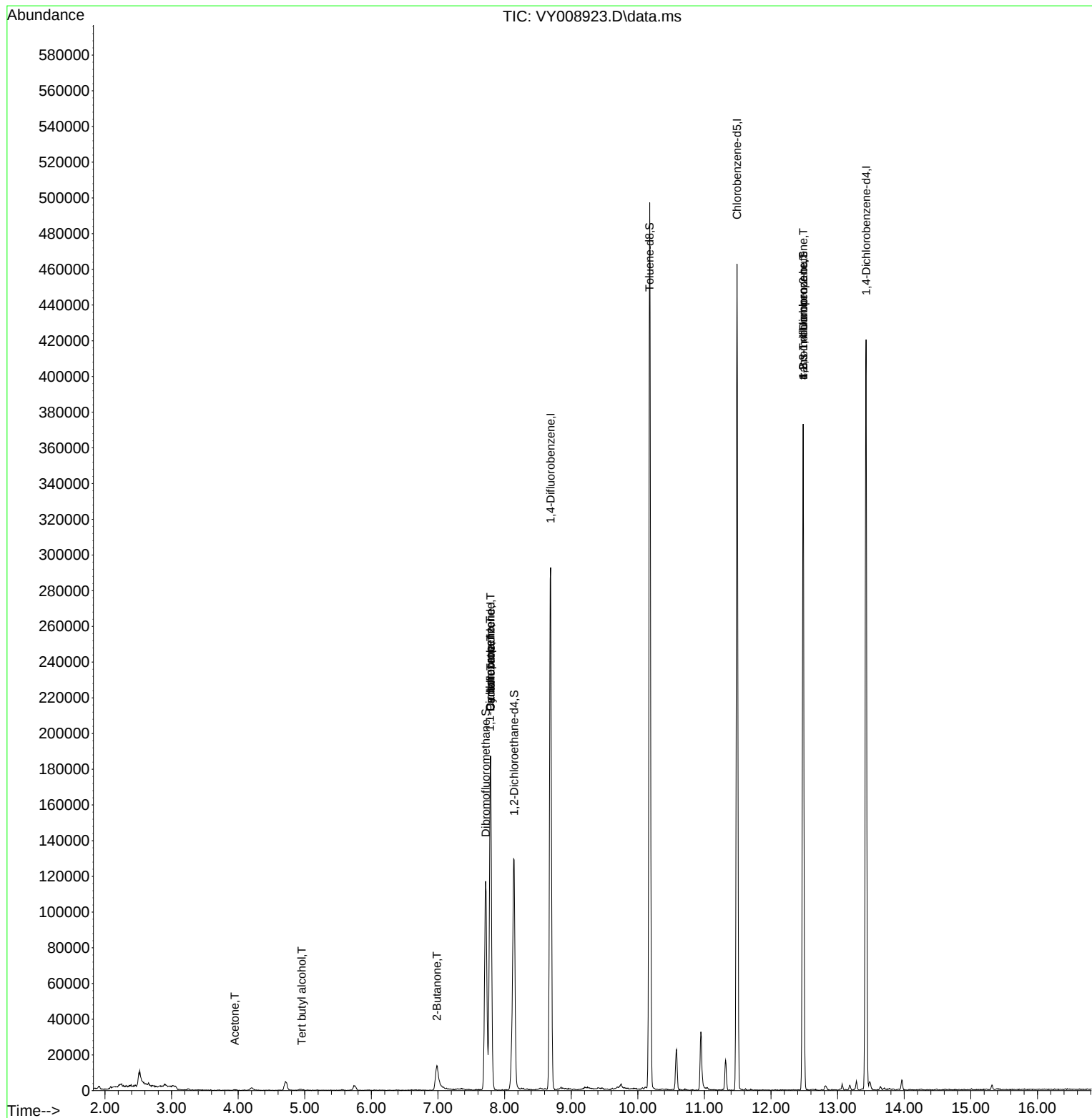
Internal Standards						
1) Pentafluorobenzene	7.789	168	142736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88966	60.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.120%	
35) Dibromofluoromethane	7.716	113	79765	51.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.500%	
50) Toluene-d8	10.179	98	312359	54.400	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.800%	
62) 4-Bromofluorobenzene	12.483	95	94141	40.644	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1041	6.986	ug/l #	77
16) Acetone	3.948	43	747	2.443	ug/l	90
20) Methylene Chloride	4.710	84	3686	Below Cal	#	79
25) 2-Butanone	6.984	43	994	1.820	ug/l #	54
31) Cyclohexane	7.789	56	3524	1.226	ug/l #	29
36) 1,1-Dichloropropene	7.783	75	11359	4.288	ug/l #	51
38) Carbon Tetrachloride	7.789	117	14404	5.198	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	53853	48.537	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53853	99.623	ug/l #	7

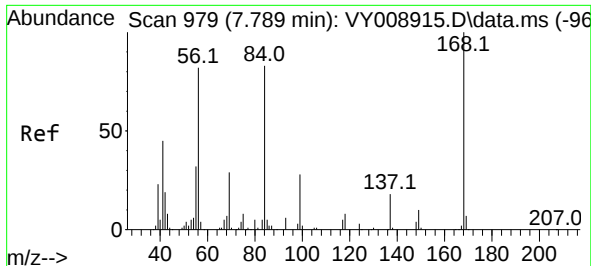
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 21 02:48:02 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

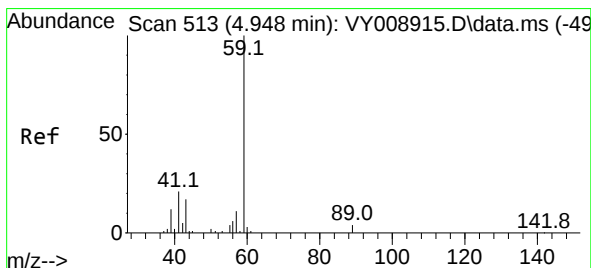
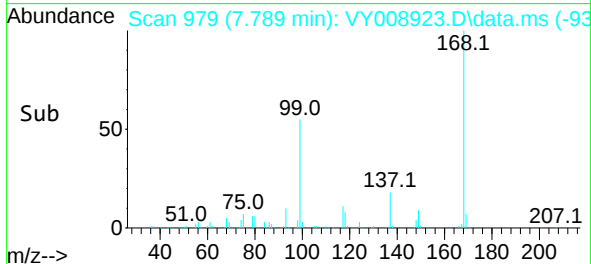
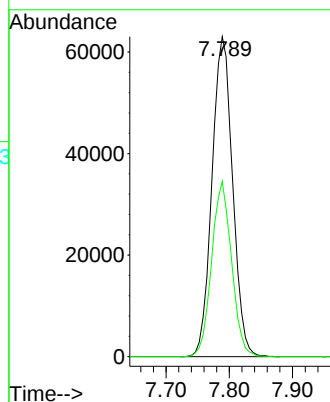
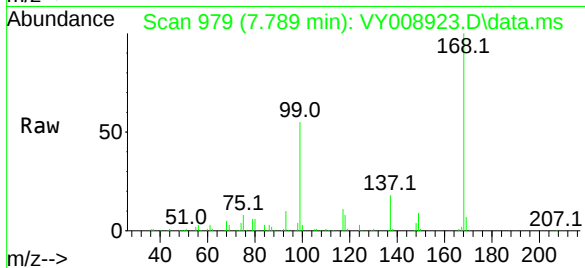




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008923.D
Acq: 20 May 2022 23:41

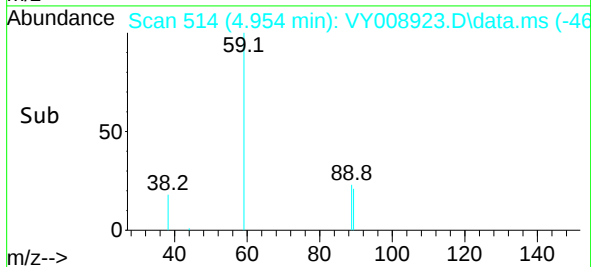
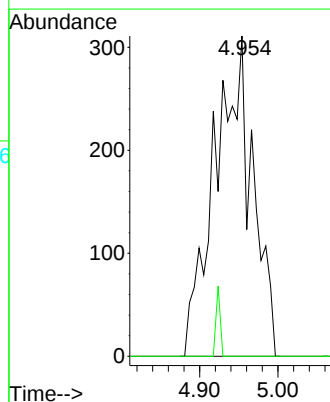
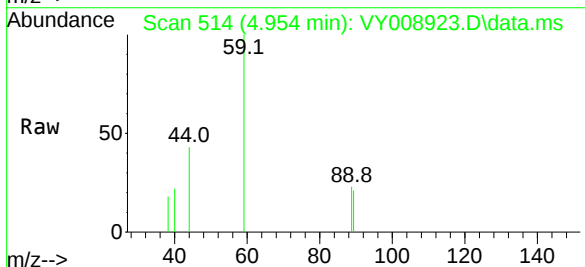
Instrument :
MSVOA_Y
ClientSampleId :
BI-1

Tgt Ion:168 Resp: 142736
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.986 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008923.D
Acq: 20 May 2022 23:41

Tgt Ion: 59 Resp: 1041
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

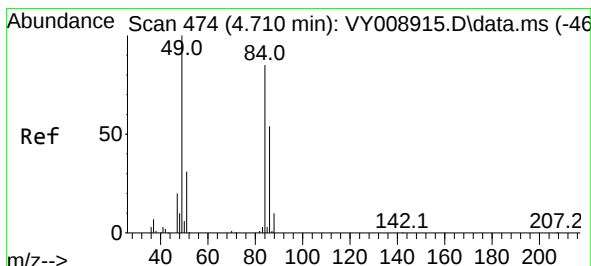
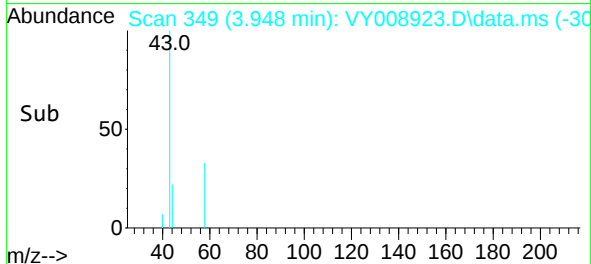
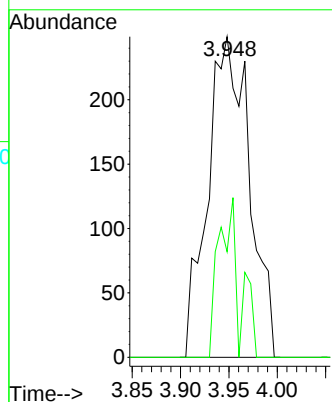
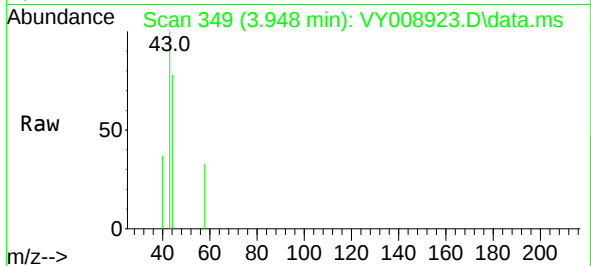




#16
Acetone
Concen: 2.443 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008923.D
Acq: 20 May 2022 23:41

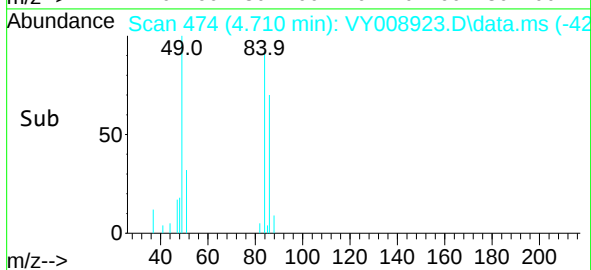
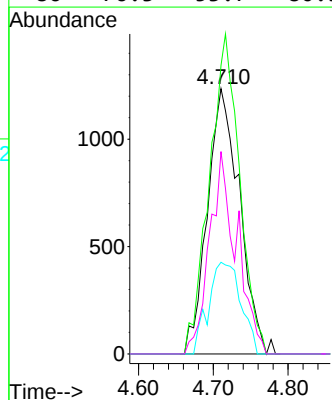
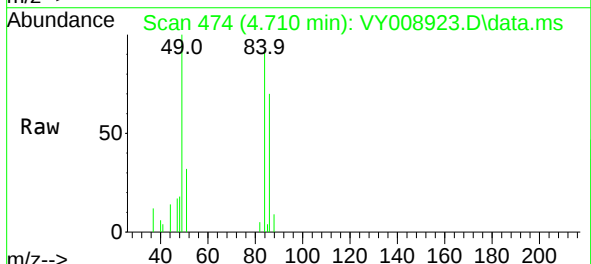
Instrument :
MSVOA_Y
ClientSampleId :
BI-1

Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008923.D
Acq: 20 May 2022 23:41

Tgt Ion: 84 Resp: 3686
Ion Ratio Lower Upper
84 100
49 108.7 114.4 171.6#
51 34.6 35.3 52.9#
86 76.3 53.7 80.5

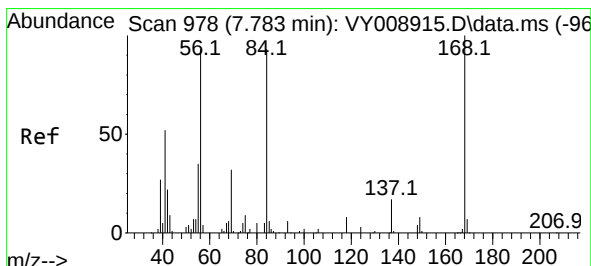
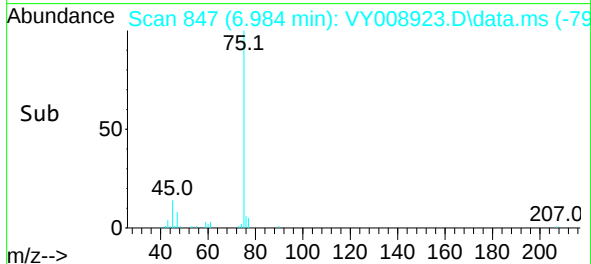
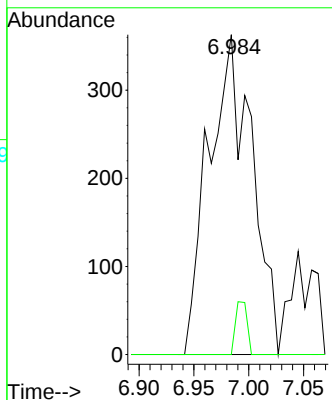
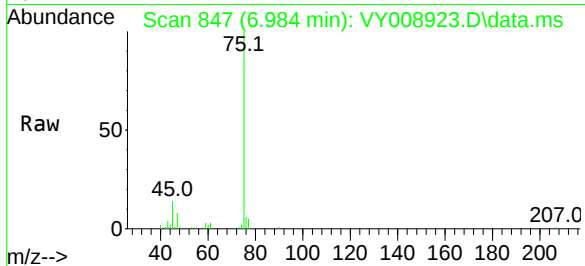




#25
2-Butanone
Concen: 1.820 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008923.D
Acq: 20 May 2022 23:41

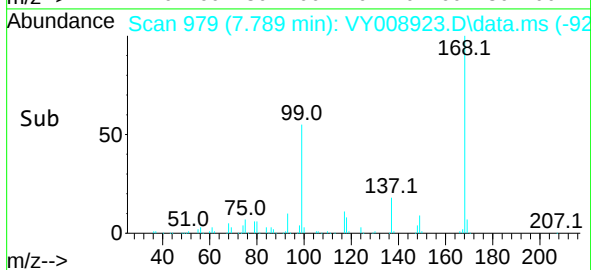
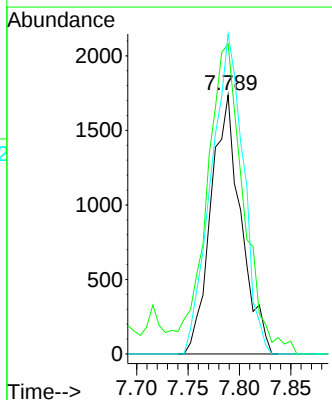
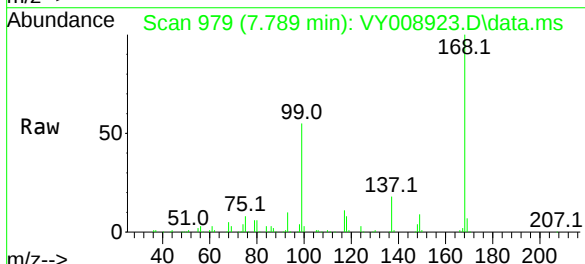
Instrument :
MSVOA_Y
ClientSampleId :
BI-1

Tgt Ion: 43 Resp: 994
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008923.D
Acq: 20 May 2022 23:41

Tgt Ion: 56 Resp: 3524
Ion Ratio Lower Upper
56 100
69 113.4 26.7 40.1#
84 123.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.562 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY008923.D

Acq: 20 May 2022 23:41

Instrument :

MSVOA_Y

ClientSampleId :

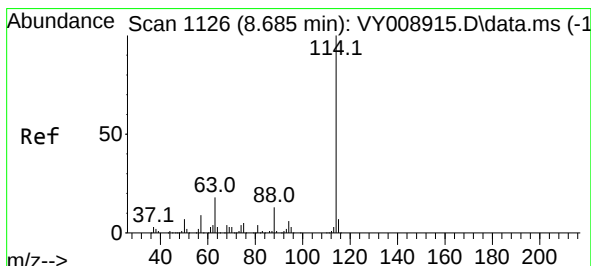
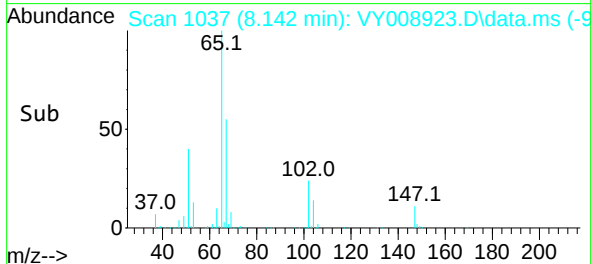
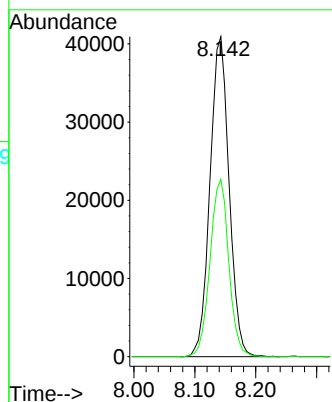
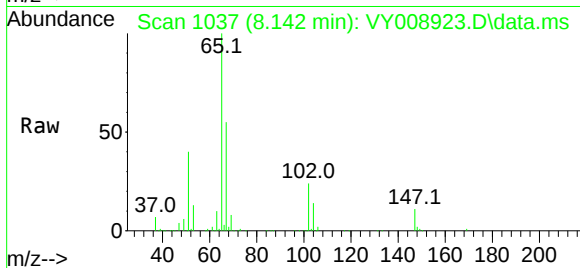
BI-1

Tgt Ion: 65 Resp: 88966

Ion Ratio Lower Upper

65 100

67 54.6 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: VY008923.D

Acq: 20 May 2022 23:41

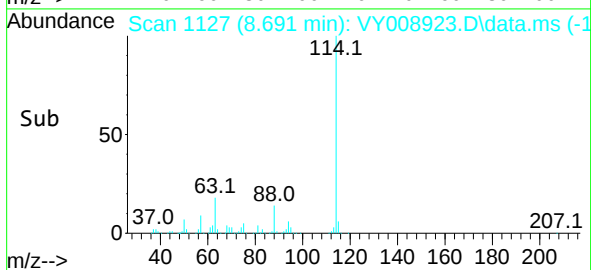
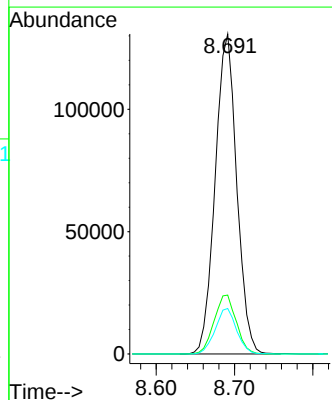
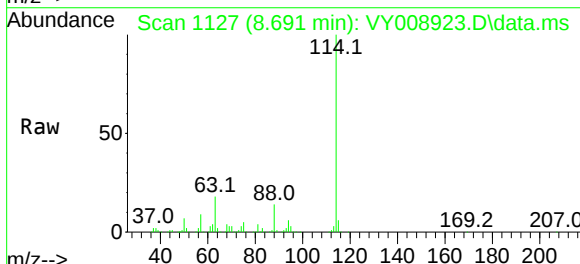
Tgt Ion: 114 Resp: 250294

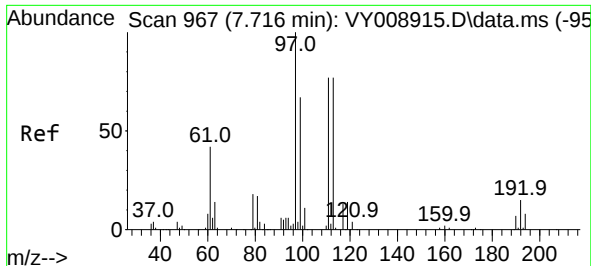
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.249 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY008923.D

Acq: 20 May 2022 23:41

Instrument :

MSVOA_Y

ClientSampleId :

BI-1

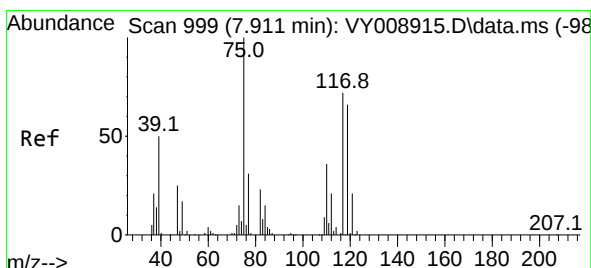
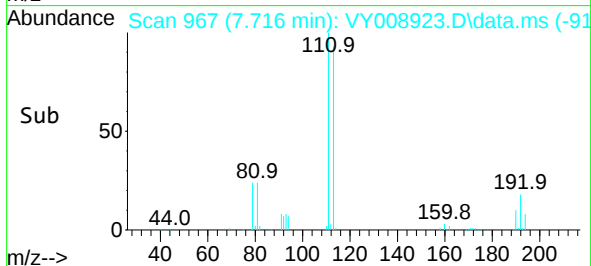
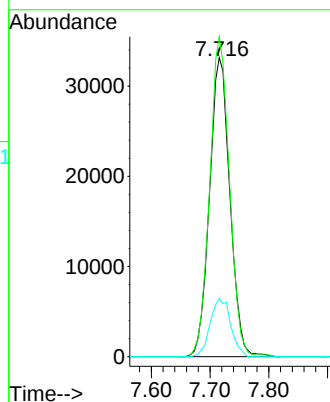
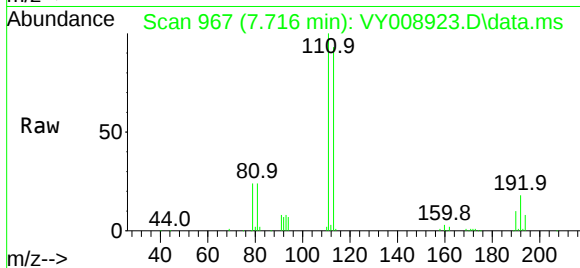
Tgt Ion:113 Resp: 79765

Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.6 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.288 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY008923.D

Acq: 20 May 2022 23:41

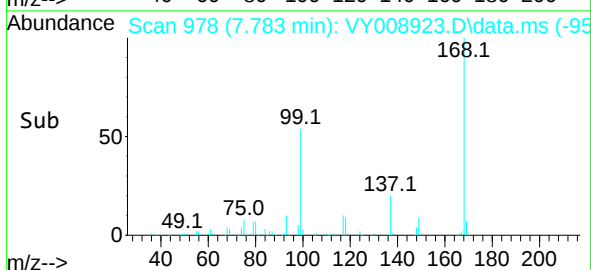
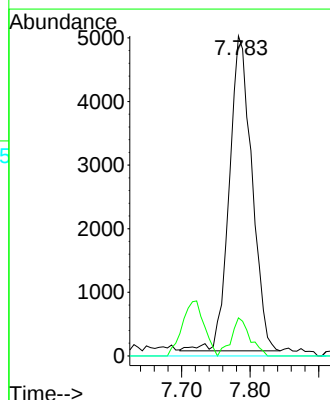
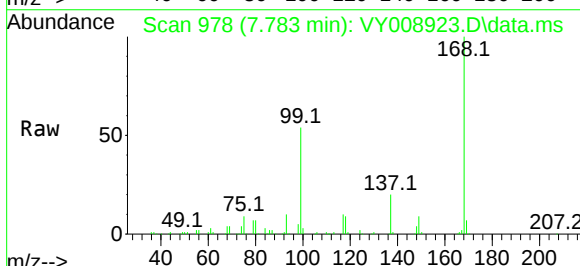
Tgt Ion: 75 Resp: 11359

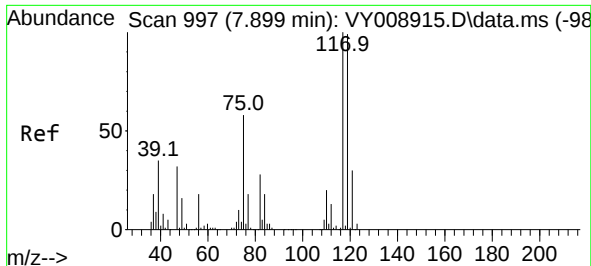
Ion Ratio Lower Upper

75 100

110 9.9 17.1 51.2#

77 0.0 24.4 36.6#

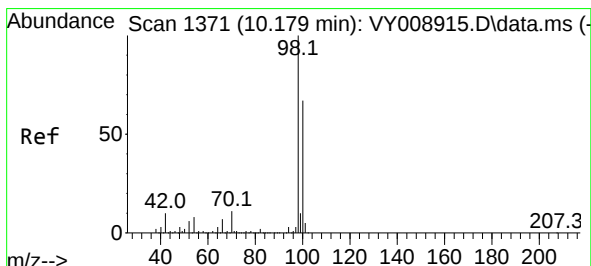
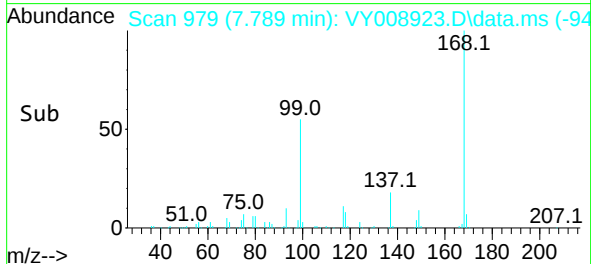
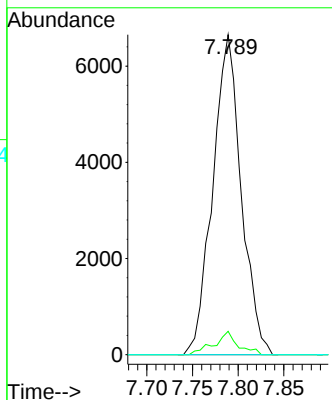
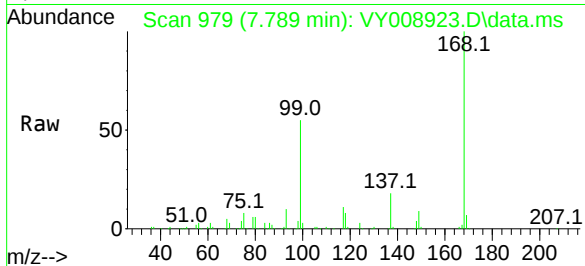




#38
Carbon Tetrachloride
Concen: 5.198 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008923.D
Acq: 20 May 2022 23:41

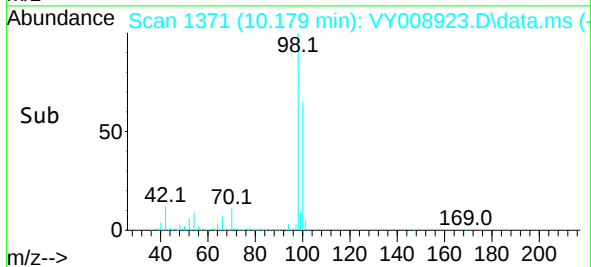
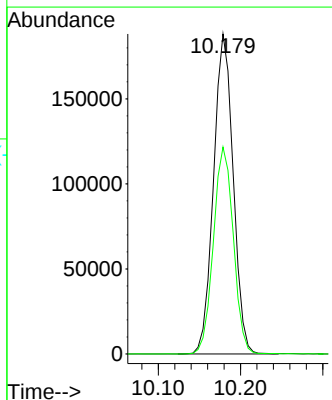
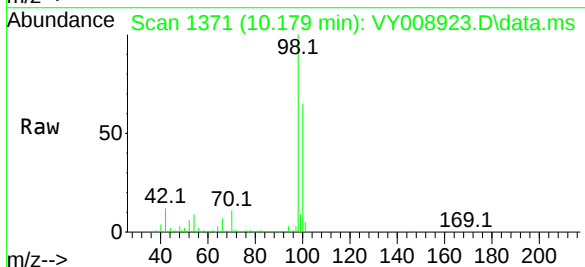
Instrument :
MSVOA_Y
ClientSampleId :
BI-1

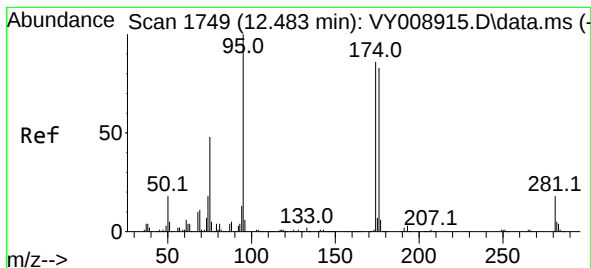
Tgt Ion:117 Resp: 14404
Ion Ratio Lower Upper
117 100
119 7.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.400 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008923.D
Acq: 20 May 2022 23:41

Tgt Ion: 98 Resp: 312359
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

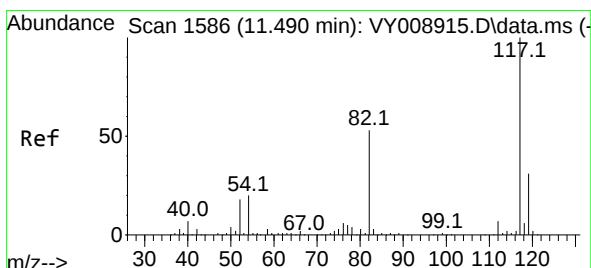
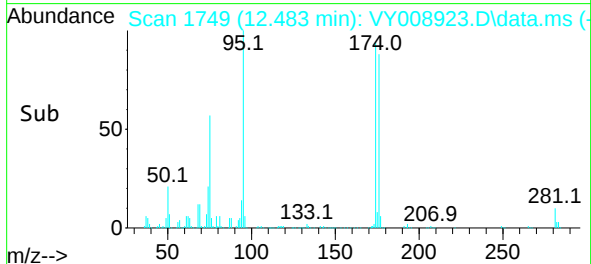
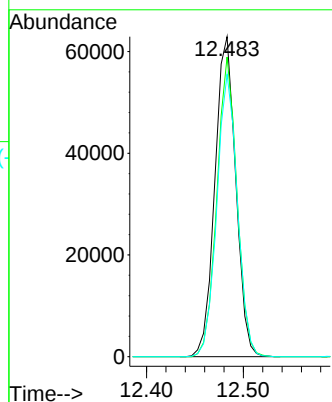
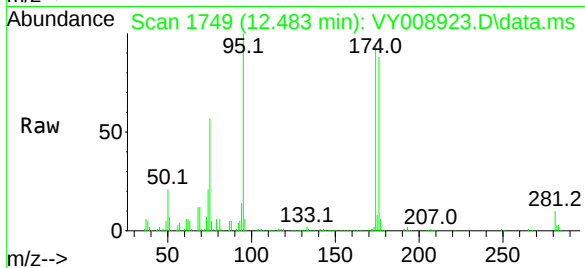




#62
4-Bromofluorobenzene
Concen: 40.644 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008923.D
Acq: 20 May 2022 23:41

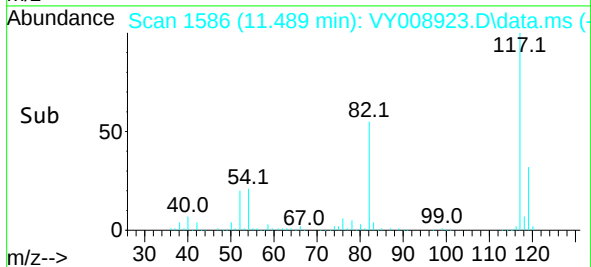
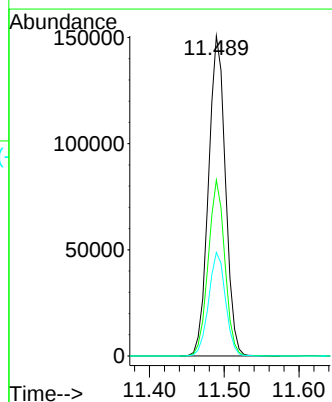
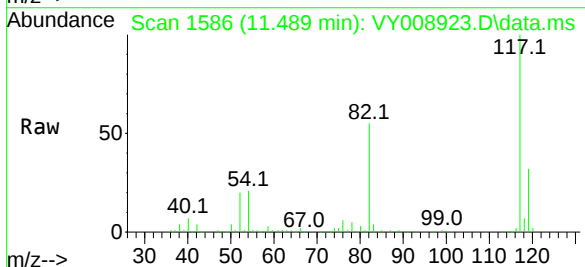
Instrument :
MSVOA_Y
ClientSampleId :
BI-1

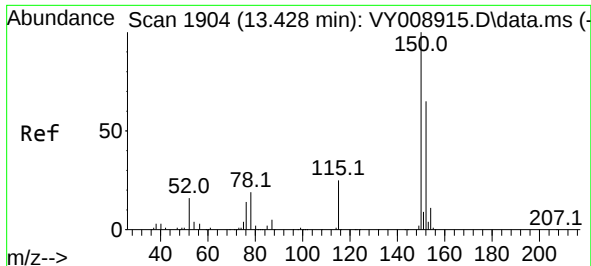
Tgt Ion: 95 Resp: 94141
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 86.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008923.D
Acq: 20 May 2022 23:41

Tgt Ion: 117 Resp: 237410
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.3 25.4 38.0

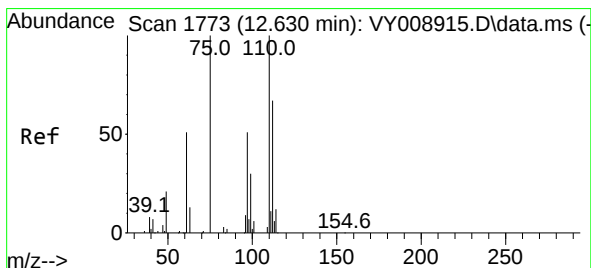
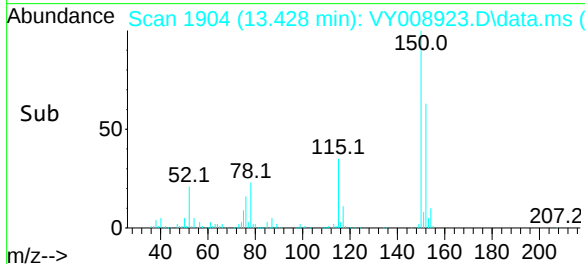
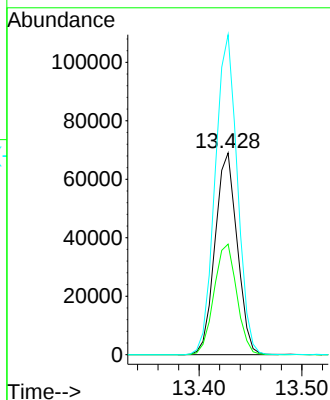
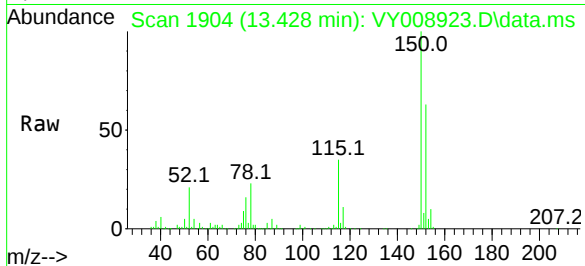




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008923.D
 Acq: 20 May 2022 23:41

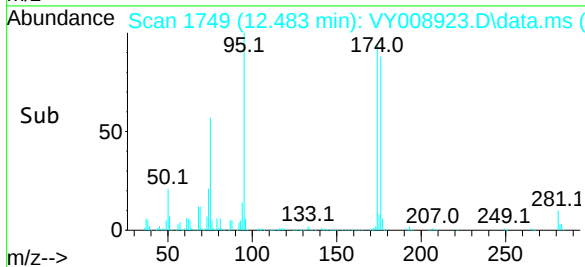
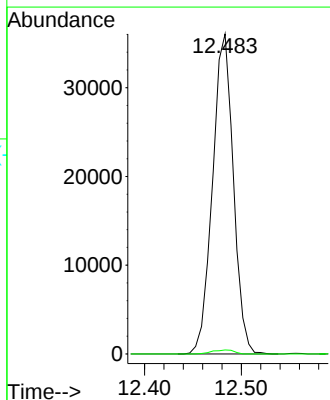
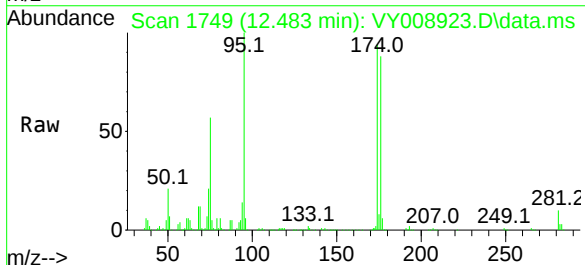
Instrument :
 MSVOA_Y
 ClientSampleId :
 BI-1

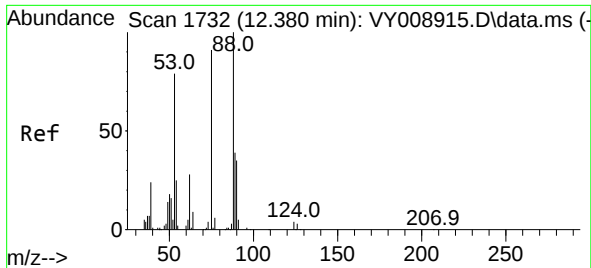
Tgt Ion:152 Resp: 103319
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.2 84.7
 150 158.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.537 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY008923.D
 Acq: 20 May 2022 23:41

Tgt Ion: 75 Resp: 53853
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.623 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008923.D
 Acq: 20 May 2022 23:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 BI-1

Tgt Ion: 75 Resp: 53853
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

