

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008919.D
 Acq On : 20 May 2022 22:08
 Operator : KP/MD
 Sample : VY0520SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBL01

Quant Time: May 20 23:55:56 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)

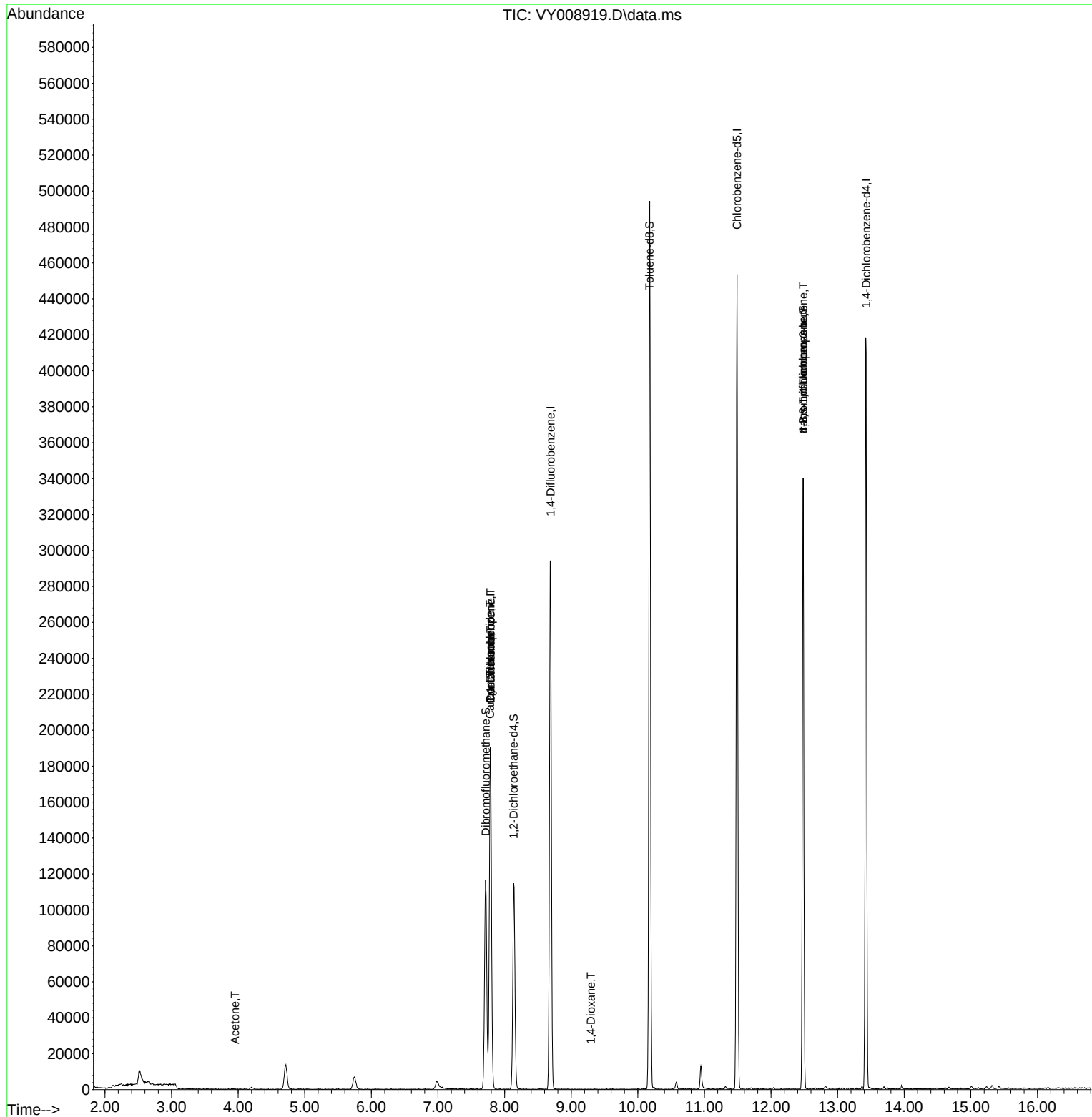
Internal Standards						
1) Pentafluorobenzene	7.789	168	147311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	233183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84890	55.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.980%	
35) Dibromofluoromethane	7.716	113	79583	50.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.960%	
50) Toluene-d8	10.179	98	310019	53.300	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.600%	
62) 4-Bromofluorobenzene	12.483	95	90346	38.505	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.020%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	565	1.790	ug/l #	82
20) Methylene Chloride	4.716	84	10336	Below Cal	#	78
31) Cyclohexane	7.789	56	3759	1.267	ug/l #	28
36) 1,1-Dichloropropene	7.789	75	11652	4.343	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14355	5.114	ug/l #	14
49) 1,4-Dioxane	9.295	88	25	1.583	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	52124	47.115	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52124	96.703	ug/l #	7

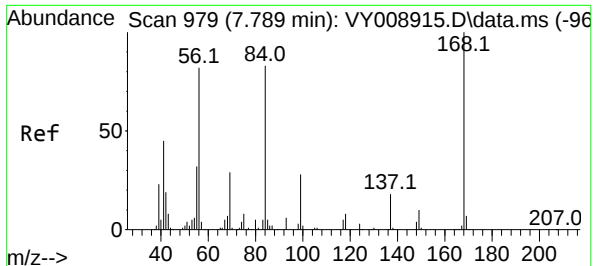
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
Data File : VY008919.D
Acq On : 20 May 2022 22:08
Operator : KP/MD
Sample : VY0520SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

Quant Time: May 20 23:55:56 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

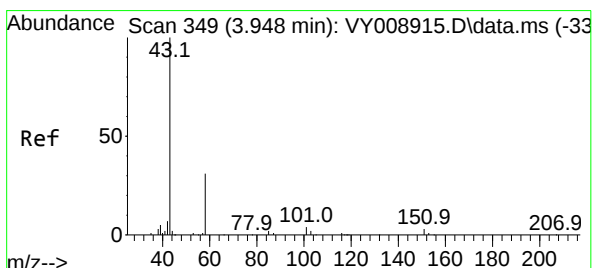
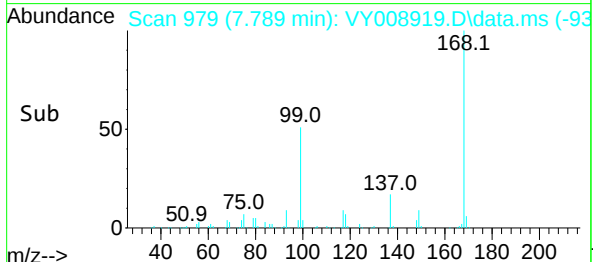
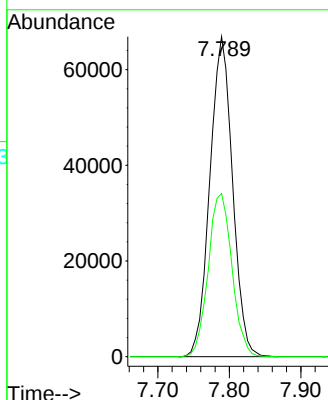
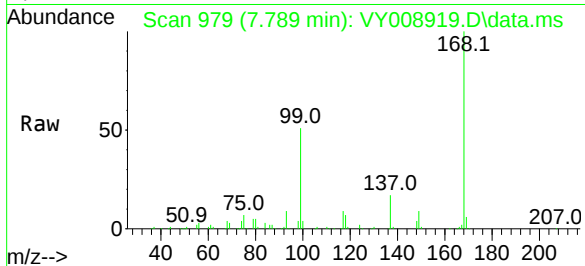




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

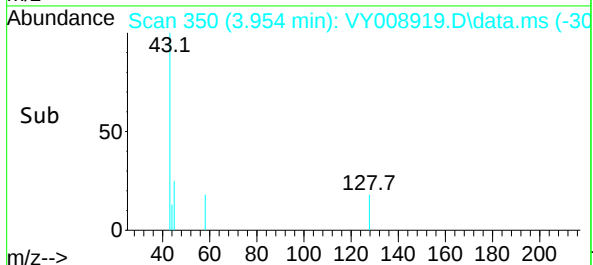
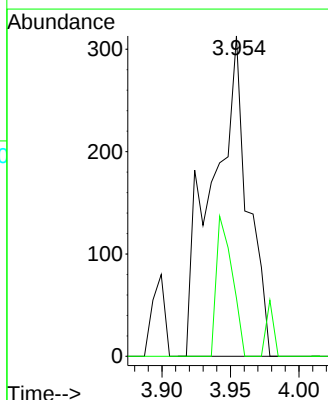
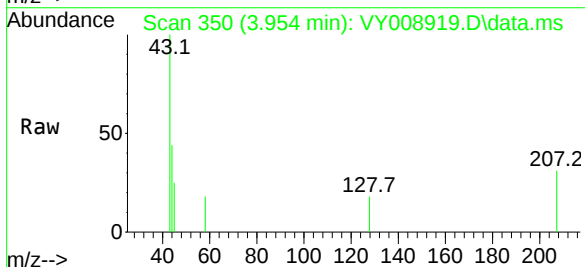
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

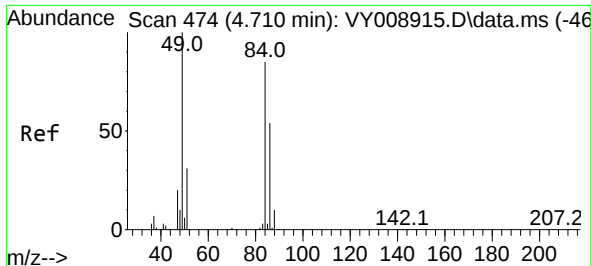
Tgt Ion:168 Resp: 147311
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#16
Acetone
Concen: 1.790 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

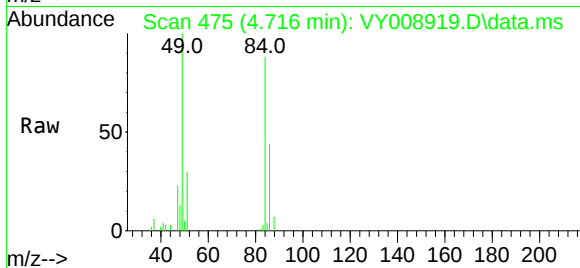
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 18.2 22.0 33.0#



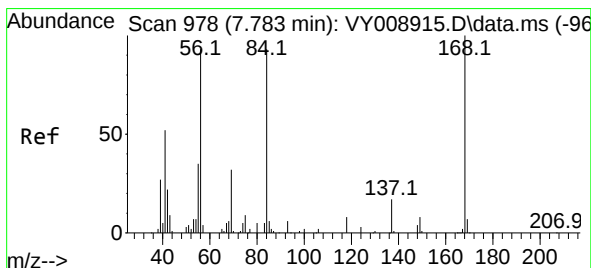
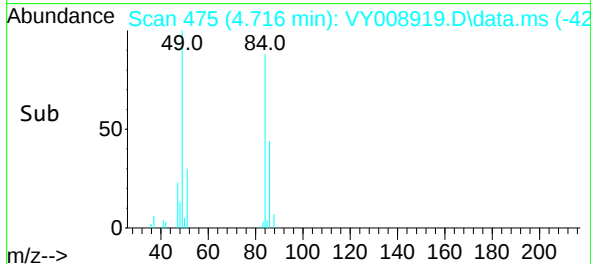
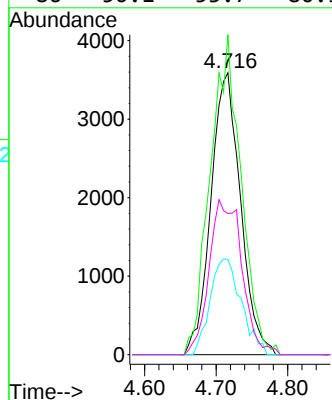


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

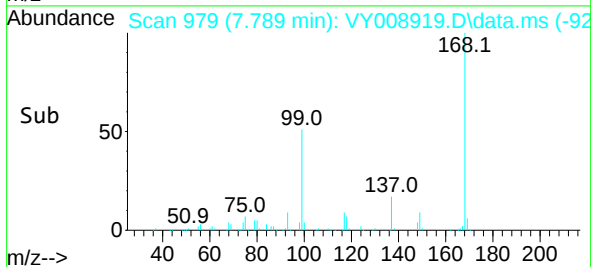
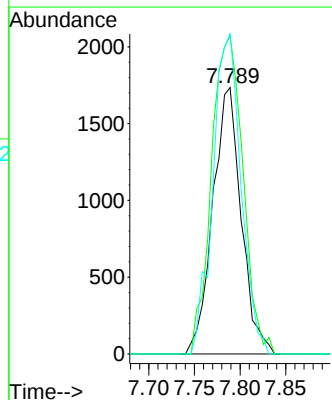
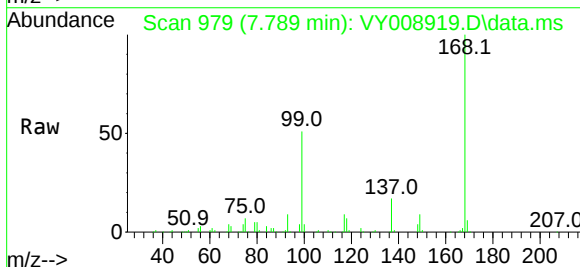


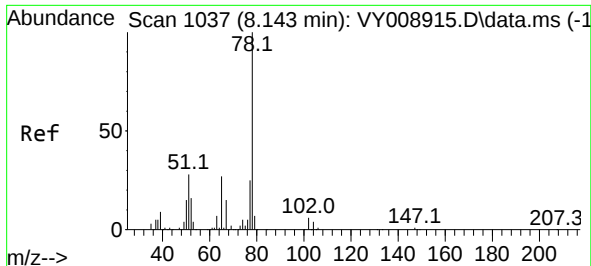
Tgt Ion: 84 Resp: 10336
Ion Ratio Lower Upper
84 100
49 113.5 114.4 171.6#
51 33.8 35.3 52.9#
86 50.1 53.7 80.5#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

Tgt Ion: 56 Resp: 3759
Ion Ratio Lower Upper
56 100
69 119.3 26.7 40.1#
84 120.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.992 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008919.D

Acq: 20 May 2022 22:08

Instrument :

MSVOA_Y

ClientSampleId :

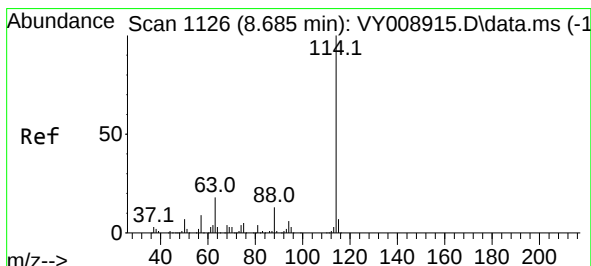
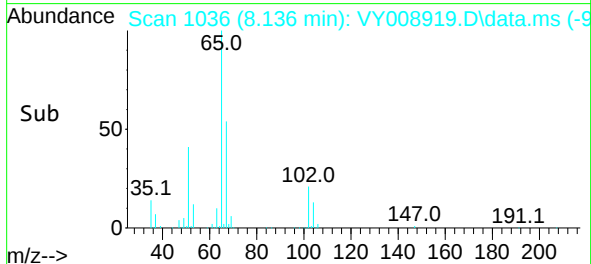
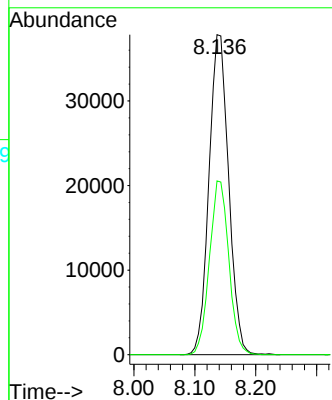
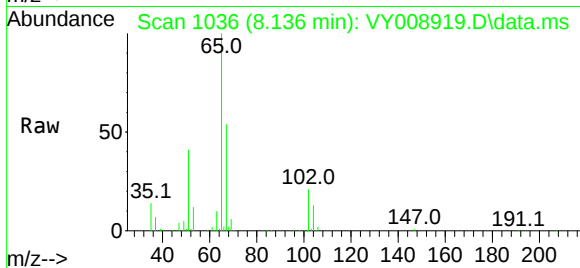
VY0520SBL01

Tgt Ion: 65 Resp: 84890

Ion Ratio Lower Upper

65 100

67 53.4 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: VY008919.D

Acq: 20 May 2022 22:08

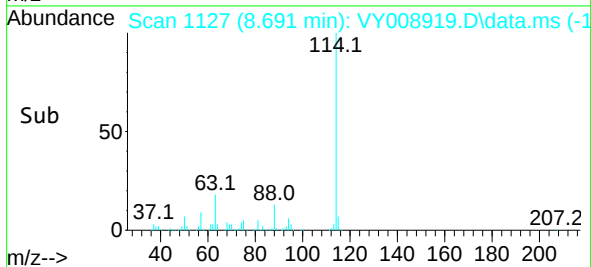
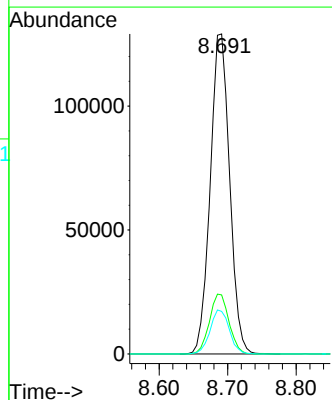
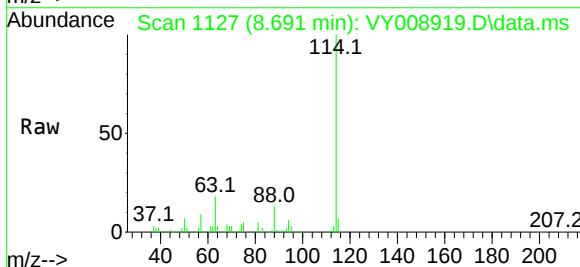
Tgt Ion: 114 Resp: 253547

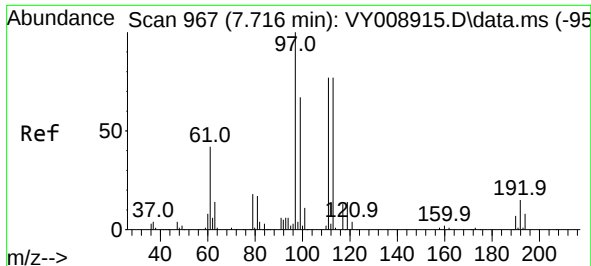
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.3 0.0 31.8

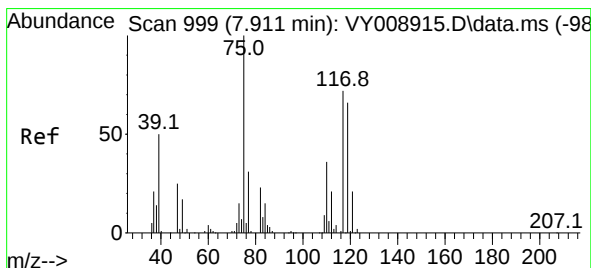
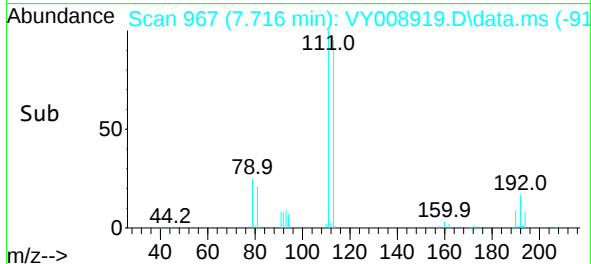
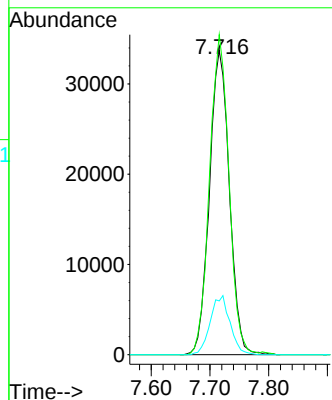
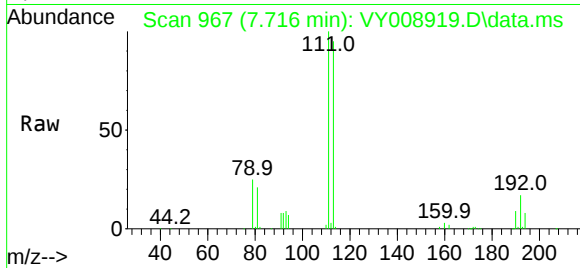




#35
Dibromofluoromethane
Concen: 50.476 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

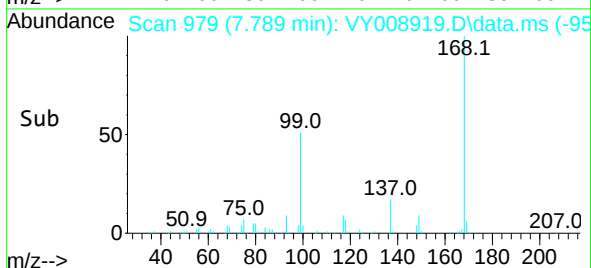
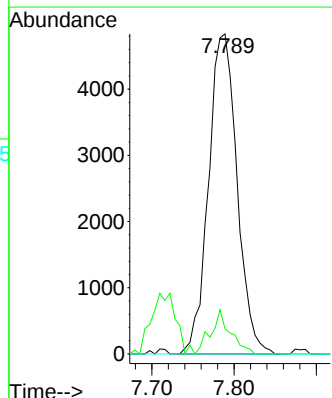
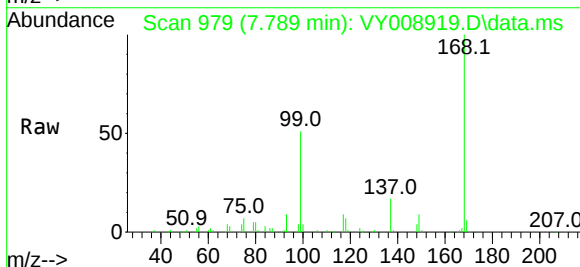
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

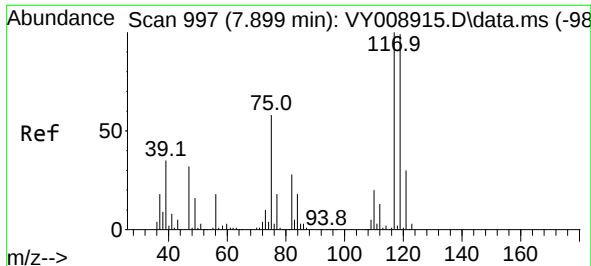
Tgt Ion:113 Resp: 79583
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

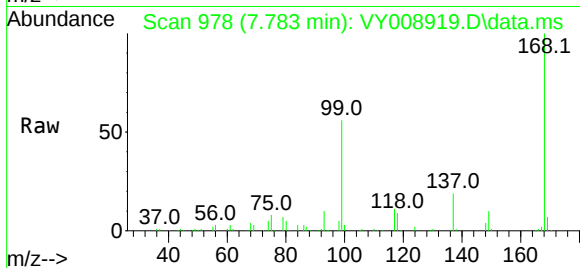
Tgt Ion: 75 Resp: 11652
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



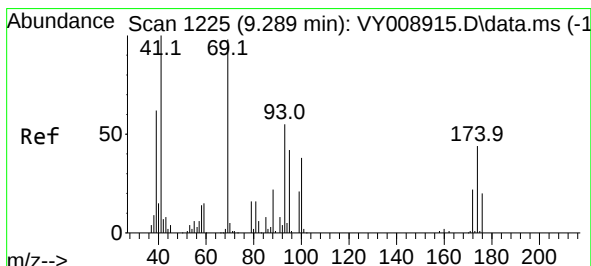
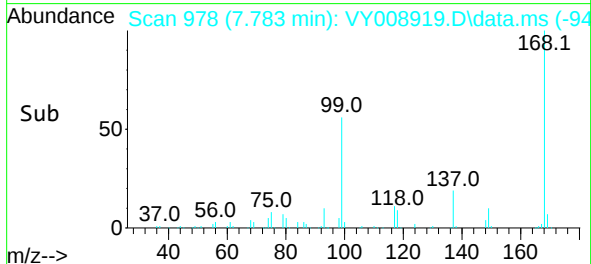
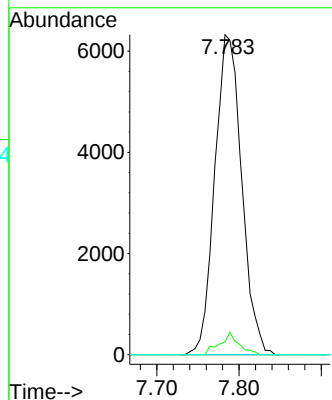


#38
Carbon Tetrachloride
Concen: 5.114 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

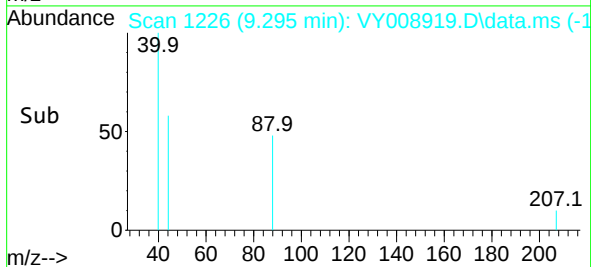
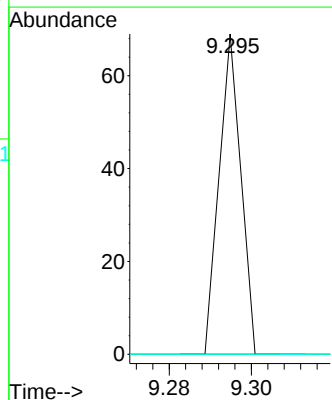
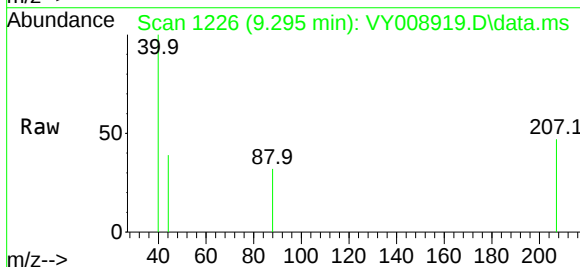


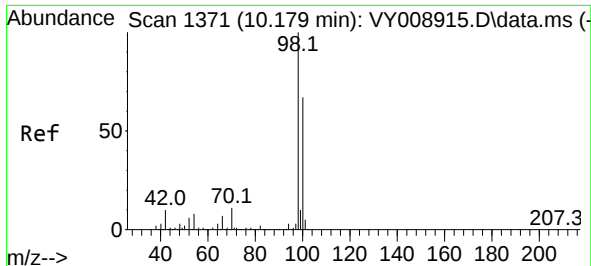
Tgt Ion: 117 Resp: 14355
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 1.583 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 0.0 59.8 89.6#

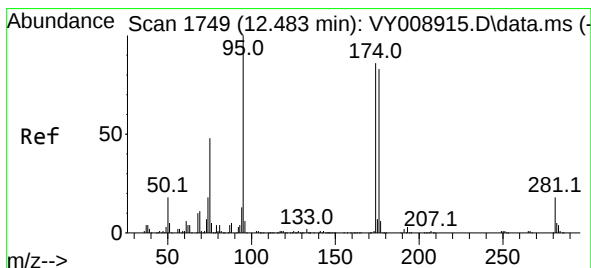
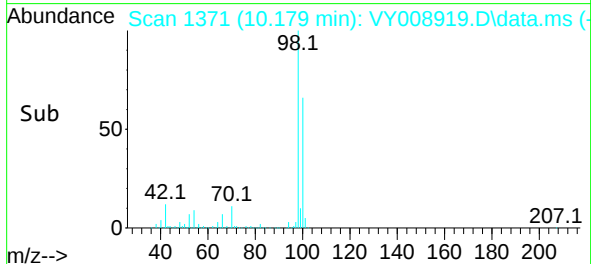
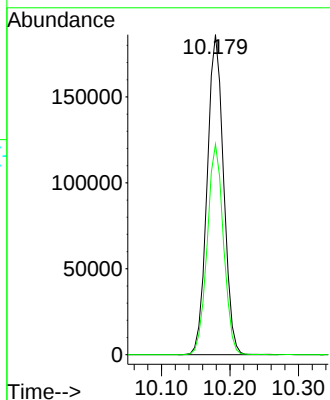
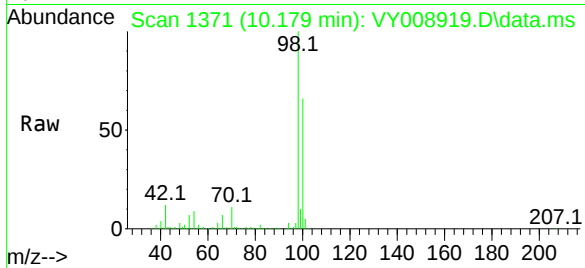




#50
Toluene-d8
Concen: 53.300 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

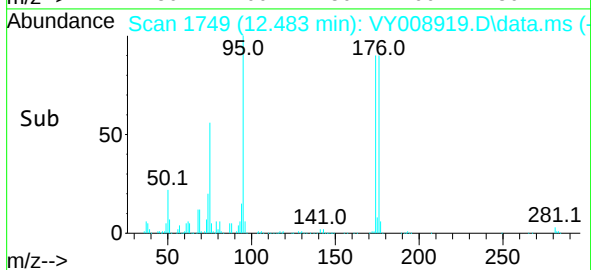
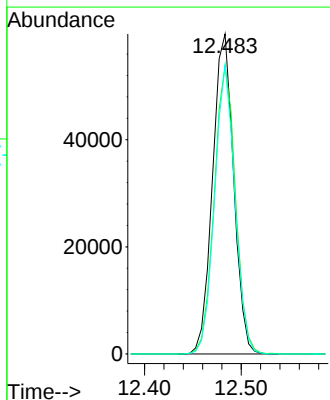
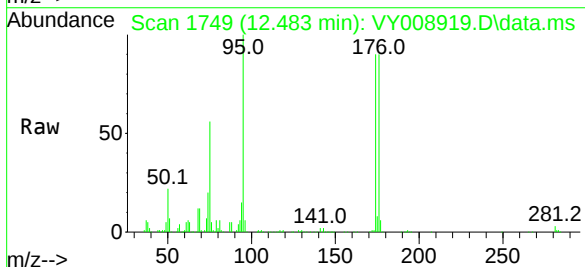
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

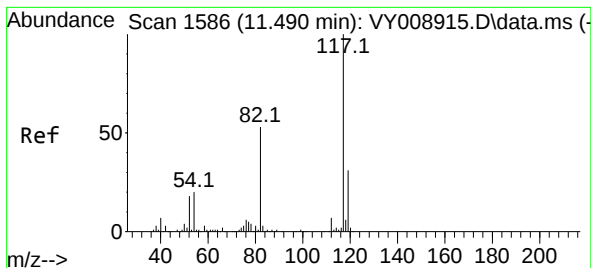
Tgt Ion: 98 Resp: 310019
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.505 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

Tgt Ion: 95 Resp: 90346
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 86.6 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: VY008919.D

Acq: 20 May 2022 22:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBL01

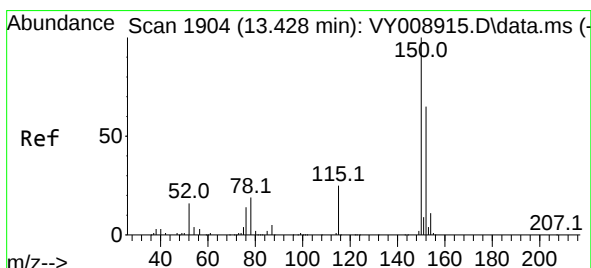
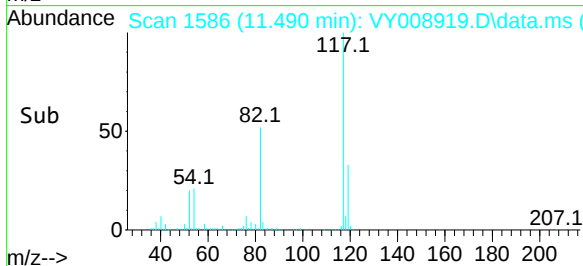
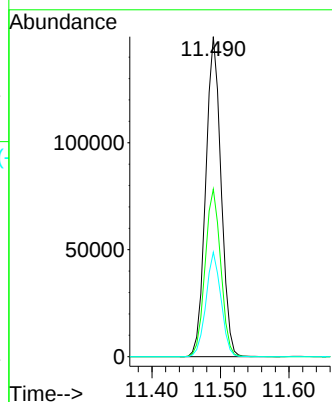
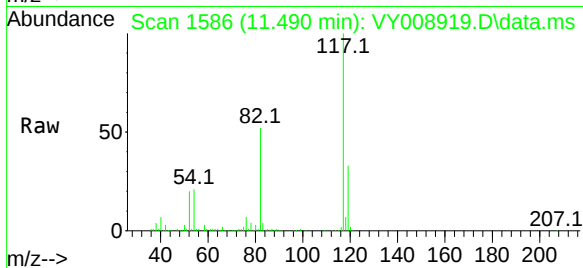
Tgt Ion:117 Resp: 233183

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 32.6 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: VY008919.D

Acq: 20 May 2022 22:08

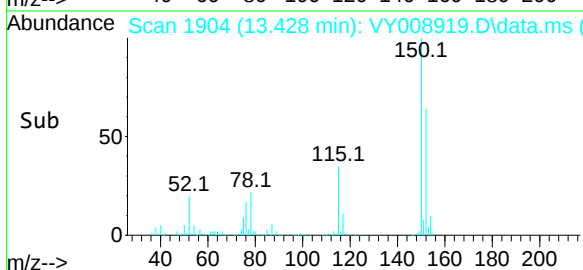
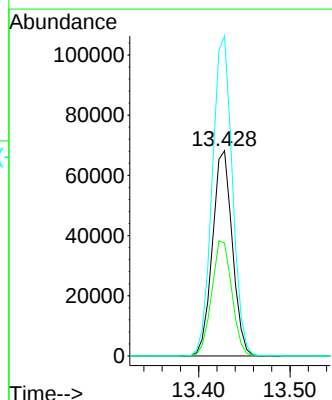
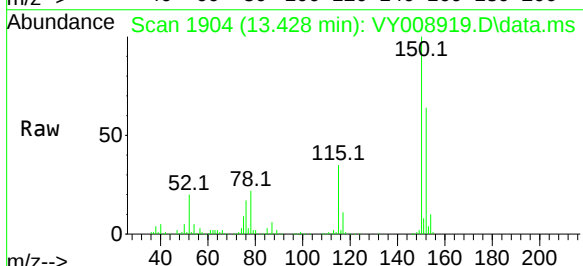
Tgt Ion:152 Resp: 103021

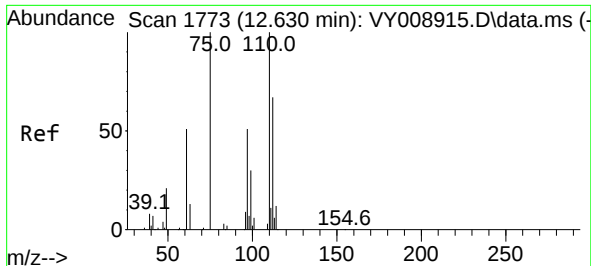
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 157.7 0.0 347.6

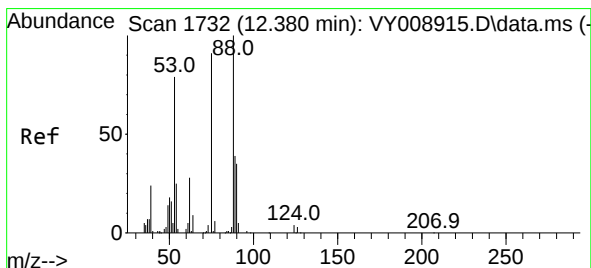
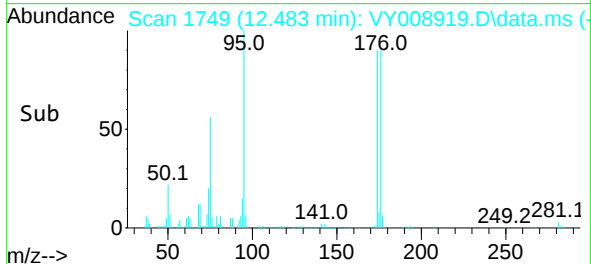
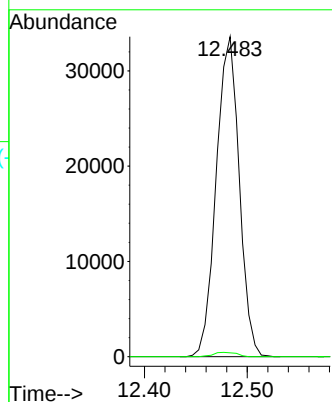
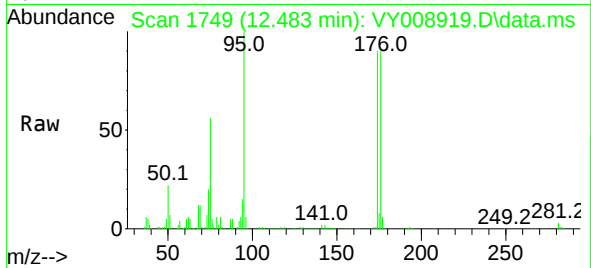




#76
1,2,3-Trichloropropane
Concen: 47.115 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

Tgt Ion: 75 Resp: 52124
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.703 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

Tgt Ion: 75 Resp: 52124
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

