

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009145.D
 Acq On : 06 Jun 2022 14:18
 Operator : KP/MD
 Sample : N3179-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 02:31:27 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)

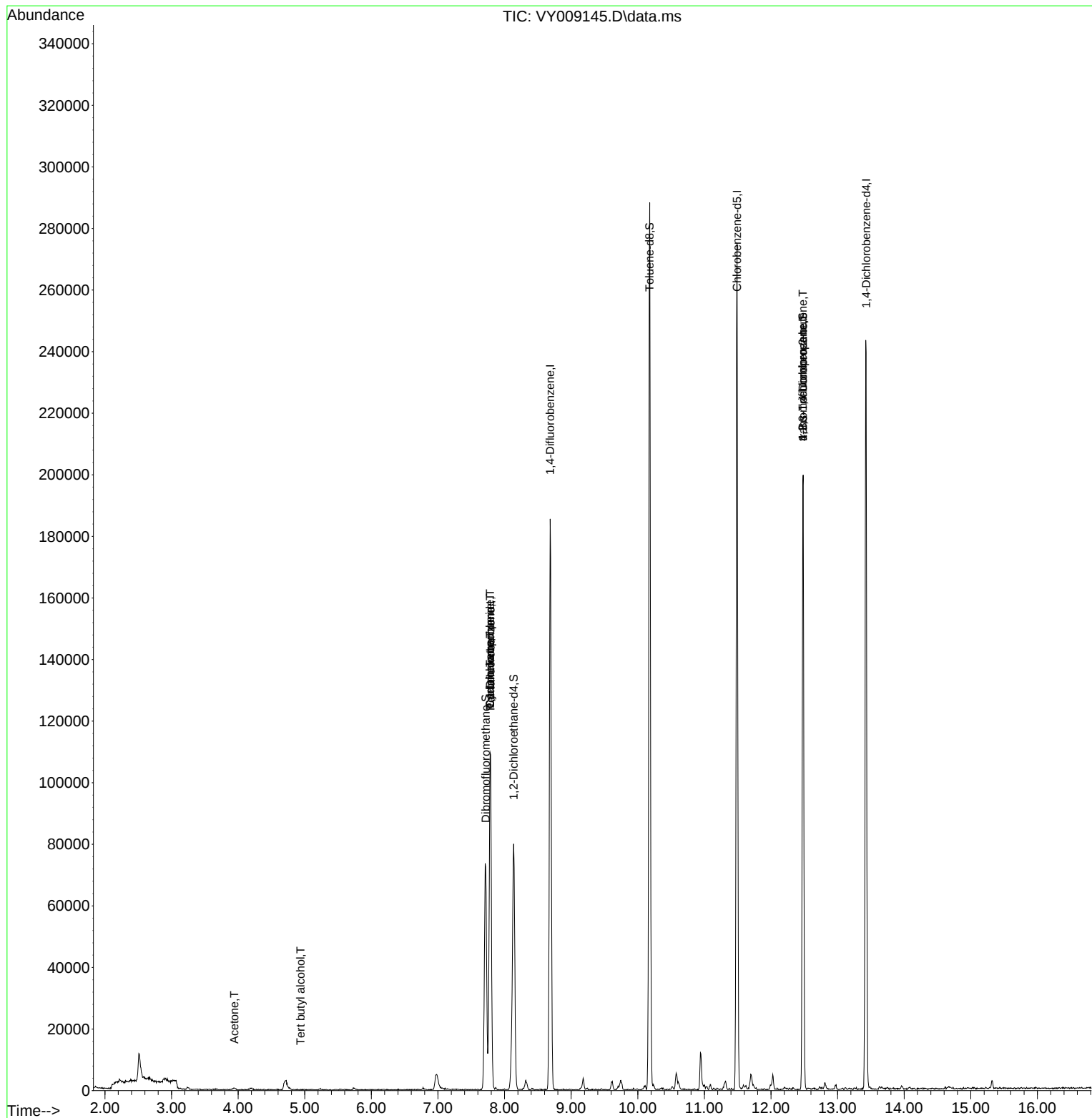
Internal Standards						
1) Pentafluorobenzene	7.789	168	83577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	153884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55044	63.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.980%	
35) Dibromofluoromethane	7.716	113	50294	52.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.120%	
50) Toluene-d8	10.179	98	179903	50.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.477	95	53471	37.549	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	144	1.650	ug/l #	77
16) Acetone	3.942	43	992	5.540	ug/l	96
20) Methylene Chloride	4.704	84	2480	Below Cal	#	73
31) Cyclohexane	7.783	56	2479	1.473	ug/l #	39
36) 1,1-Dichloropropene	7.783	75	7025	4.314	ug/l #	50
38) Carbon Tetrachloride	7.783	117	8488	4.983	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	31852	49.181	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31852	100.944	ug/l #	7

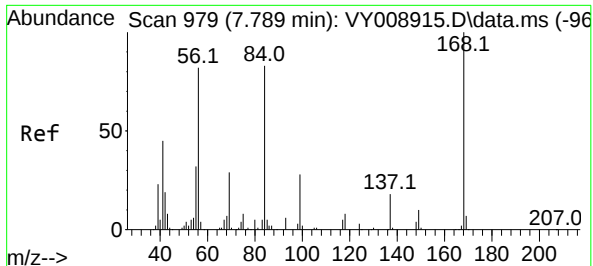
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
Data File : VY009145.D
Acq On : 06 Jun 2022 14:18
Operator : KP/MD
Sample : N3179-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

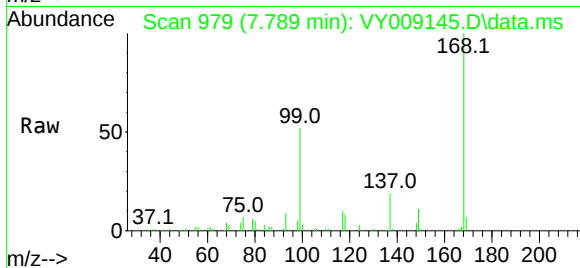
Quant Time: Jun 07 02:31:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration



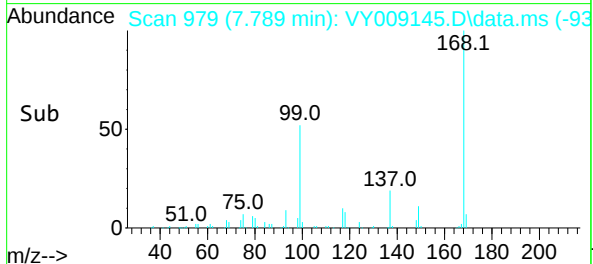
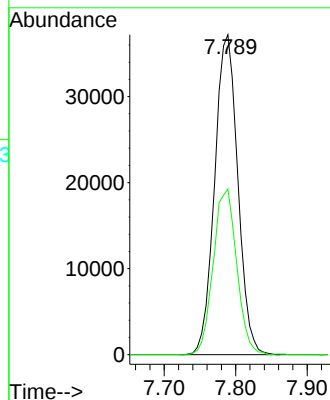


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :

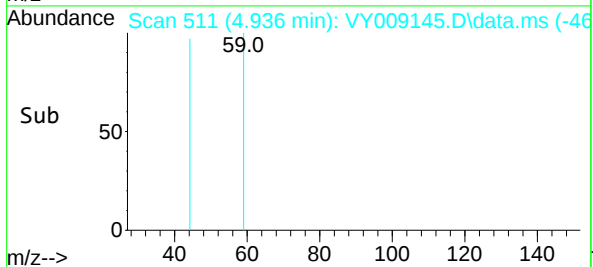
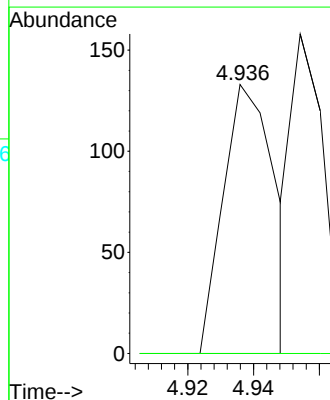
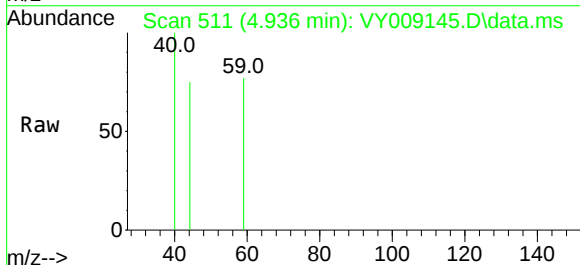


Tgt Ion:168 Resp: 83577
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.650 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

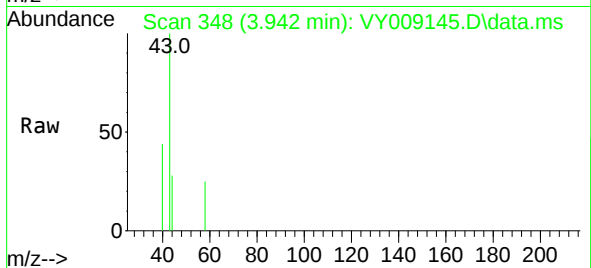
Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



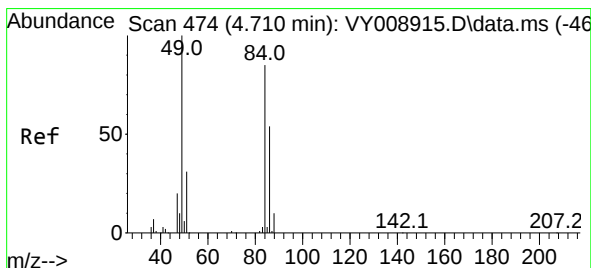
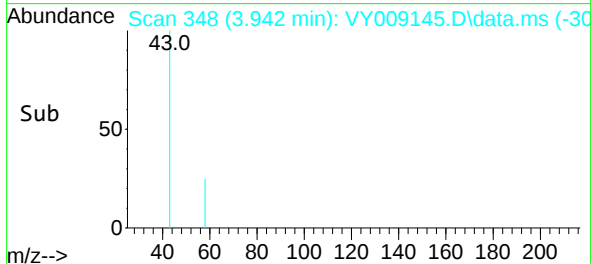
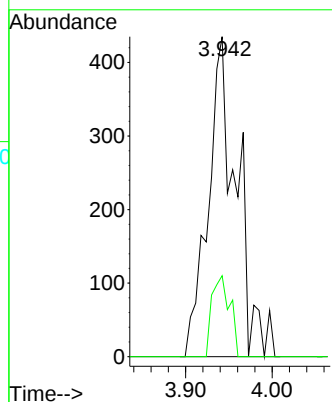


#16
Acetone
Concen: 5.540 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :

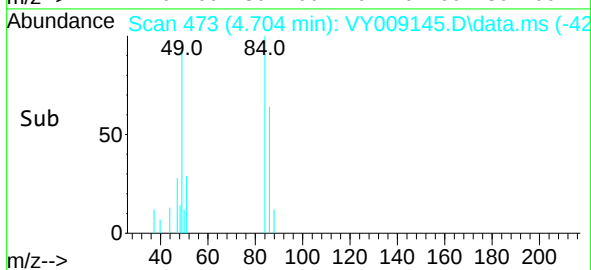
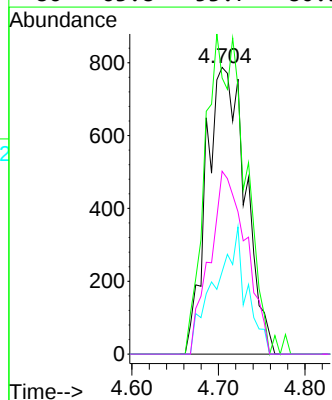
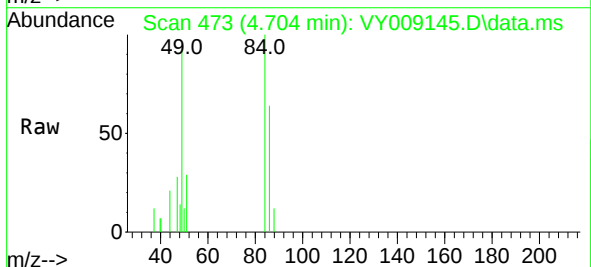


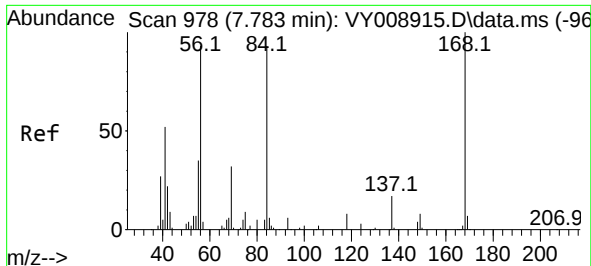
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 25.3 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

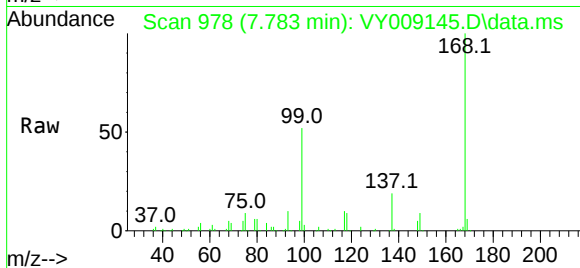
Tgt Ion: 84 Resp: 2480
Ion Ratio Lower Upper
84 100
49 96.3 114.4 171.6#
51 28.7 35.3 52.9#
86 63.8 53.7 80.5



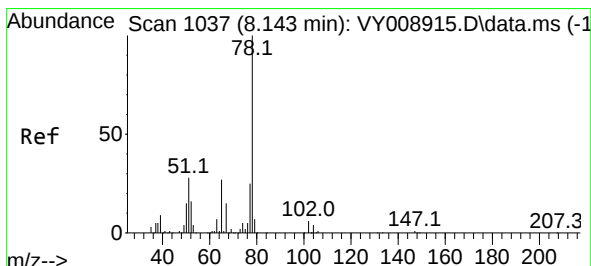
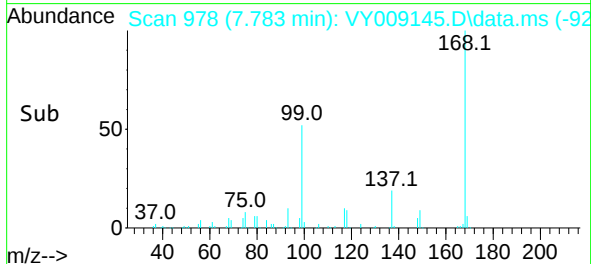
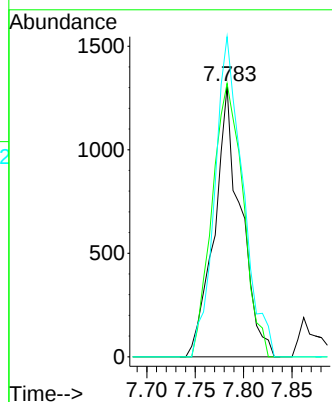


#31
Cyclohexane
Concen: 1.473 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :

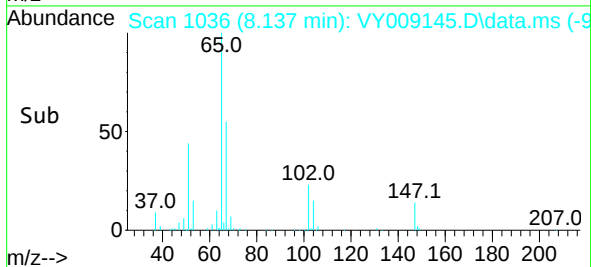
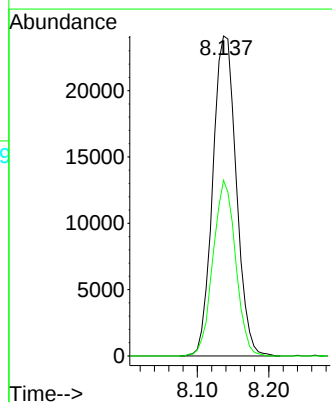
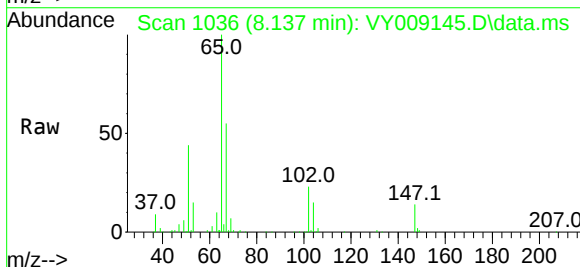


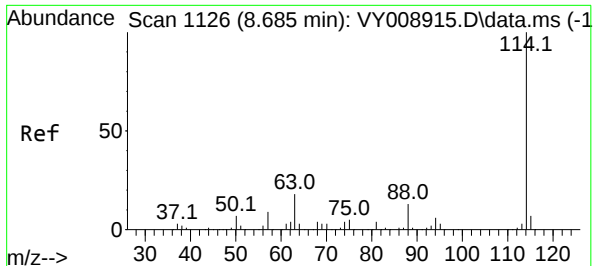
Tgt Ion: 56 Resp: 2479
Ion Ratio Lower Upper
56 100
69 101.1 26.7 40.1#
84 118.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.993 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Tgt Ion: 65 Resp: 55044
Ion Ratio Lower Upper
65 100
67 52.7 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: VY009145.D

Acq: 06 Jun 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

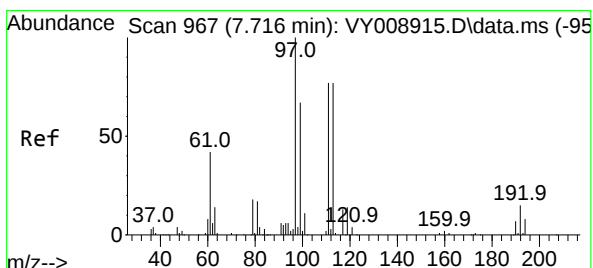
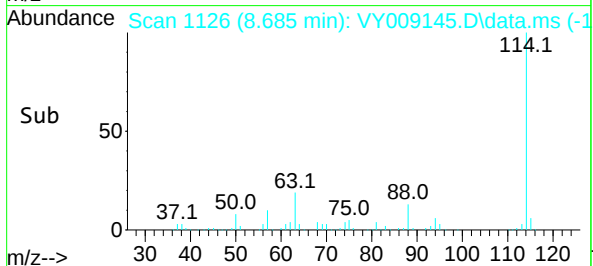
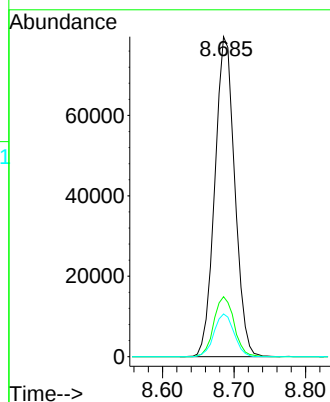
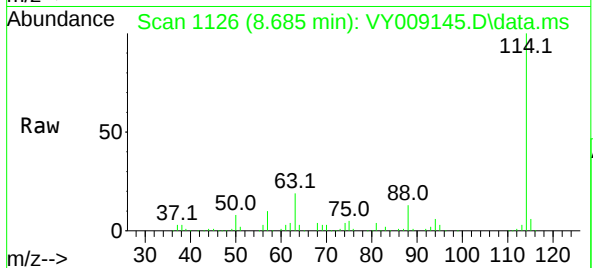
Tgt Ion:114 Resp: 153884

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.558 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009145.D

Acq: 06 Jun 2022 14:18

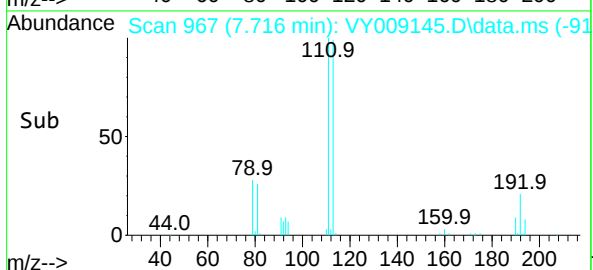
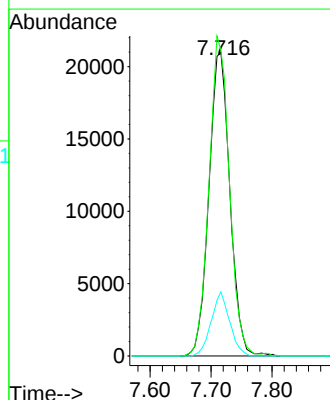
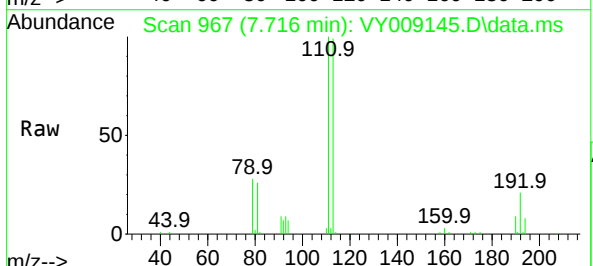
Tgt Ion:113 Resp: 50294

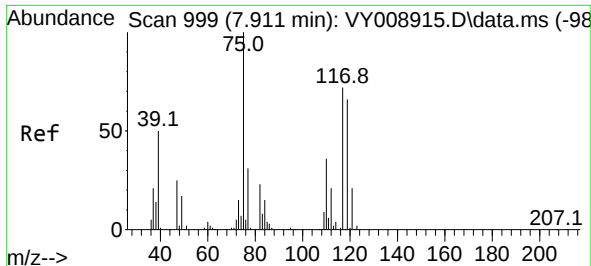
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

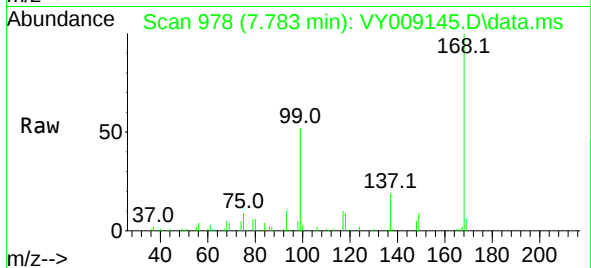
192 18.5 17.6 26.4



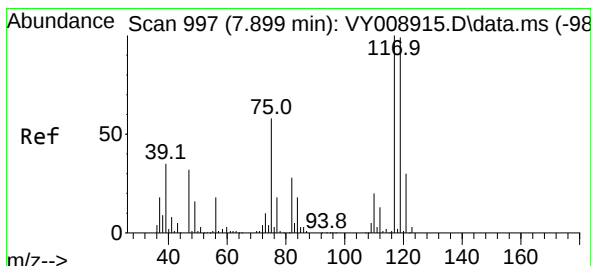
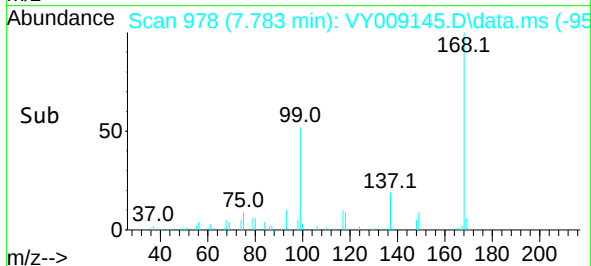
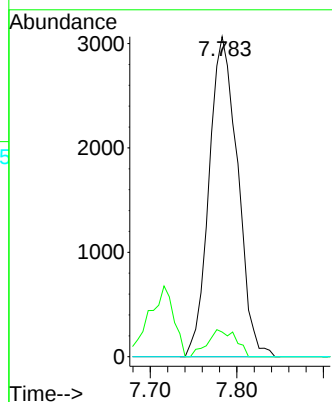


#36
1,1-Dichloropropene
Concen: 4.314 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :

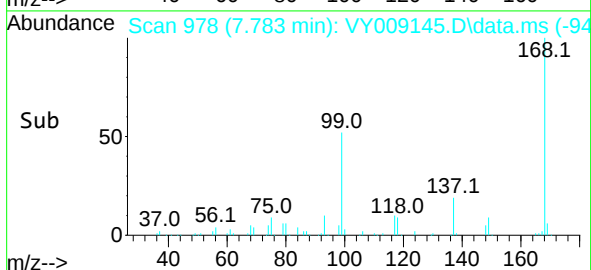
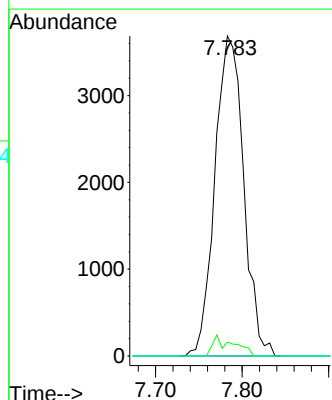
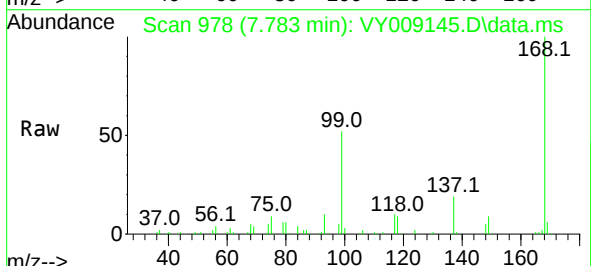


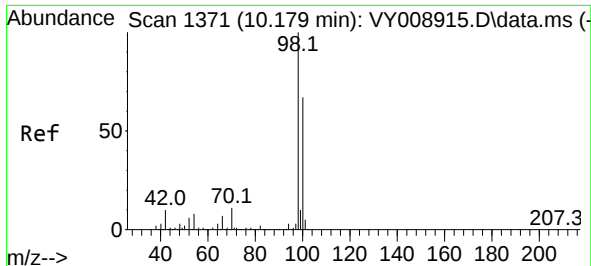
Tgt Ion: 75 Resp: 7025
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.983 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Tgt Ion: 117 Resp: 8488
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#

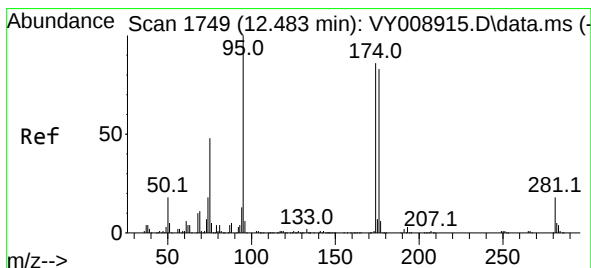
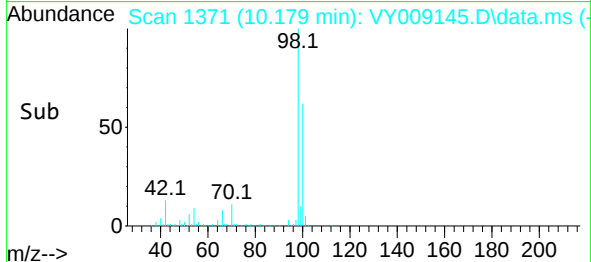
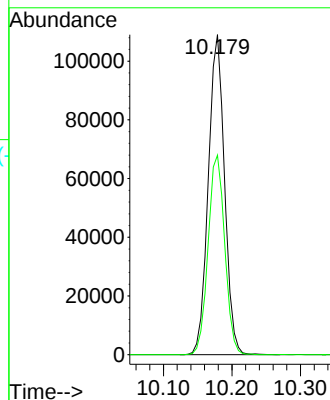
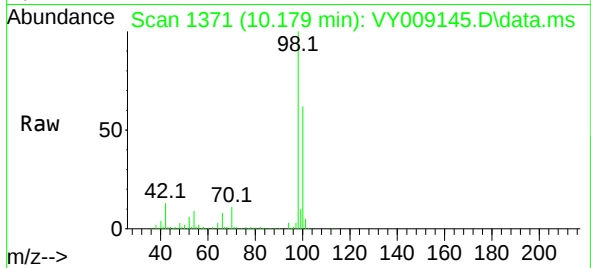




#50
Toluene-d8
Concen: 50.961 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

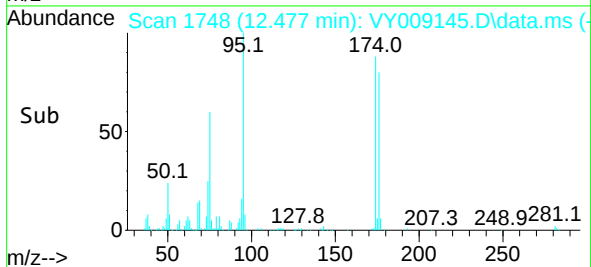
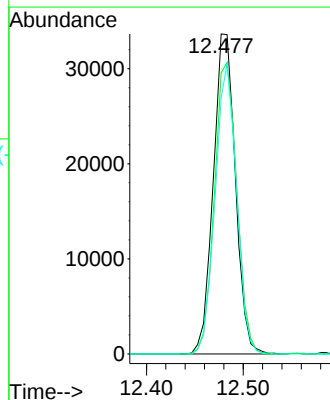
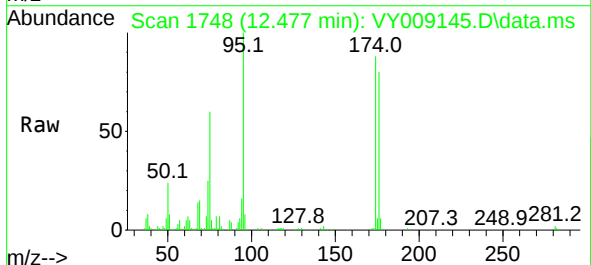
Instrument :
MSVOA_Y
ClientSampleId :

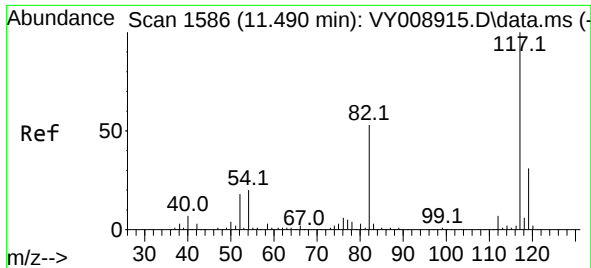
Tgt Ion: 98 Resp: 179903
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.549 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Tgt Ion: 95 Resp: 53471
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 87.4 0.0 175.8

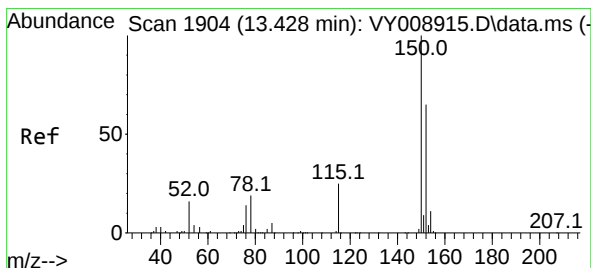
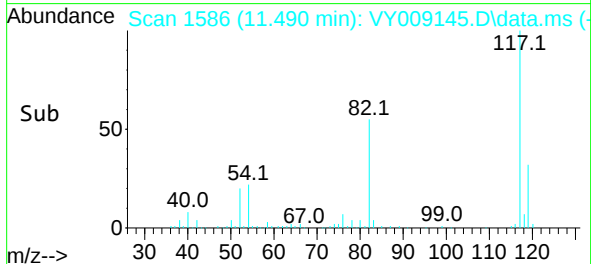
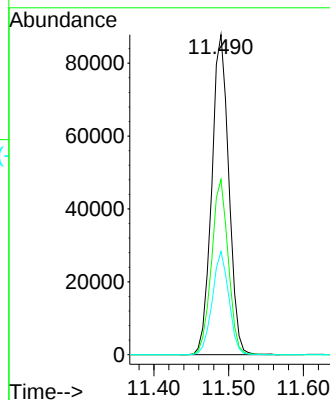
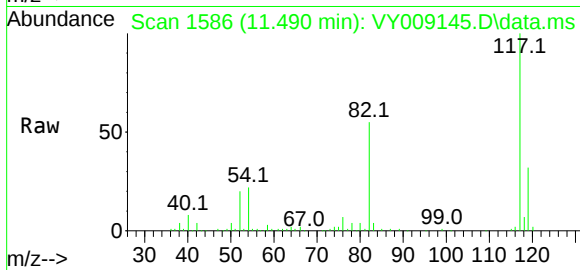




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

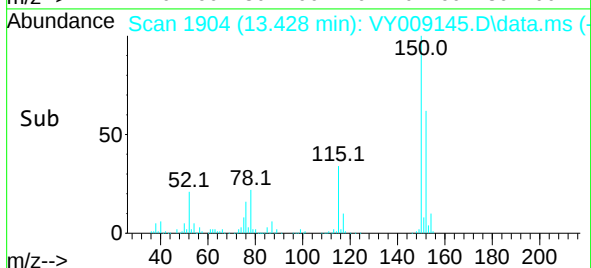
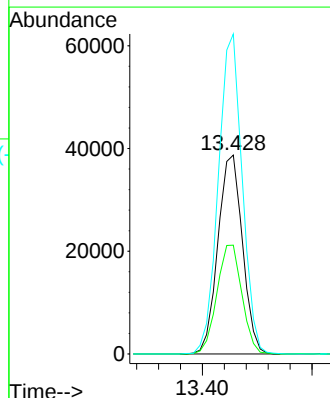
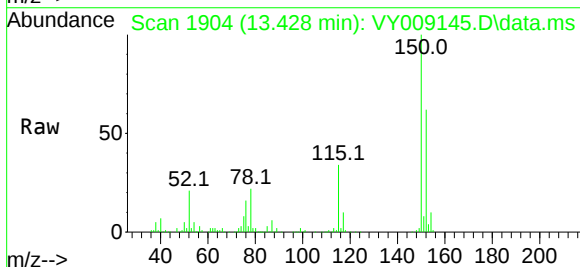
Instrument :
MSVOA_Y
ClientSampleId :

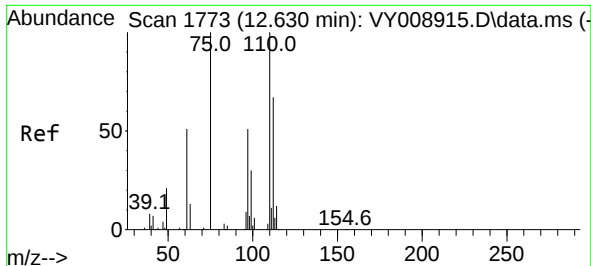
Tgt Ion:117 Resp: 139262
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Tgt Ion:152 Resp: 60309
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.3 0.0 347.6

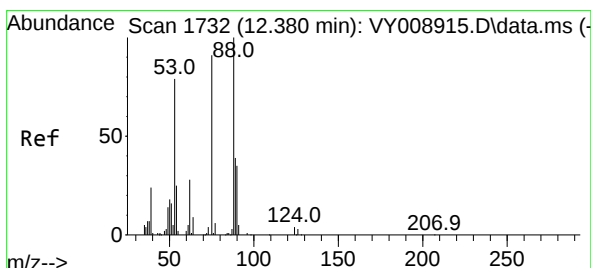
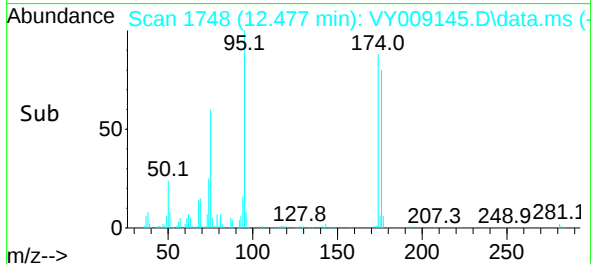
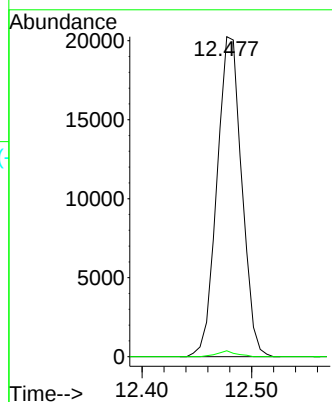
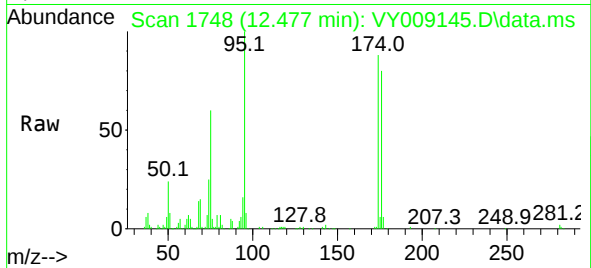




#76
1,2,3-Trichloropropane
Concen: 49.181 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31852
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.944 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Tgt Ion: 75 Resp: 31852
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

