

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012109.D
 Acq On : 09 Jan 2023 14:32
 Operator : KP/MD
 Sample : 01064-01
 Misc : 8.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S4-01

Quant Time: Jan 10 01:46:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

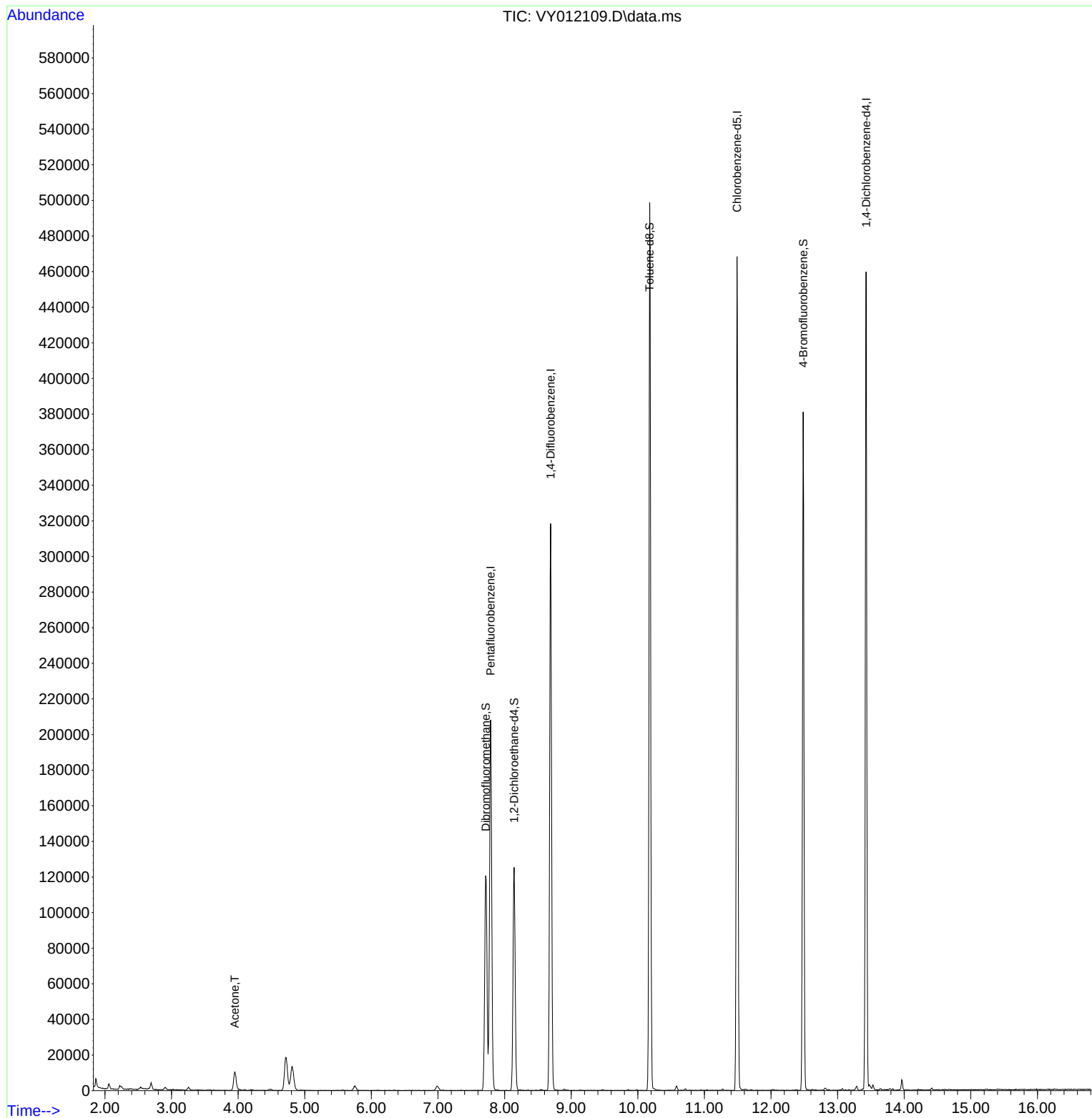
Internal Standards						
1) Pentafluorobenzene	7.789	168	163283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	261106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105112	57.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.580%
35) Dibromofluoromethane	7.715	113	84702	46.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.140%
50) Toluene-d8	10.178	98	329097	45.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.483	95	108299	43.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.320%
Target Compounds						
16) Acetone	3.948	43	18304	42.409	ug/l	Qvalue 96

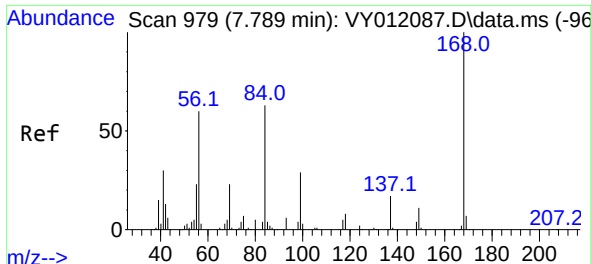
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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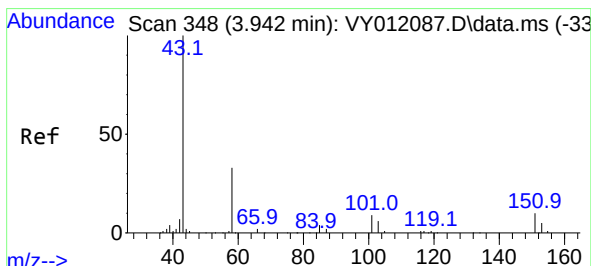
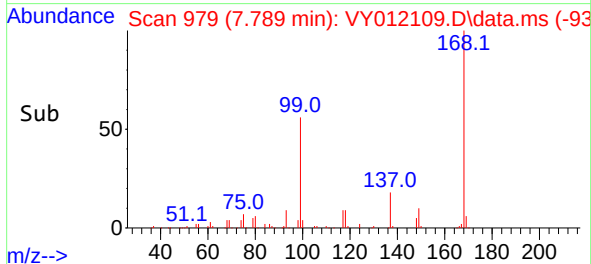
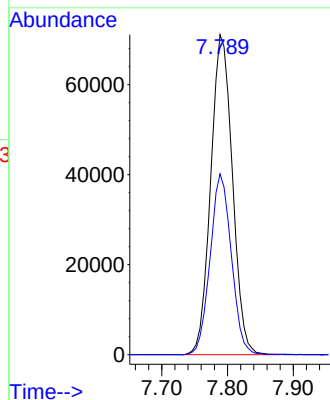
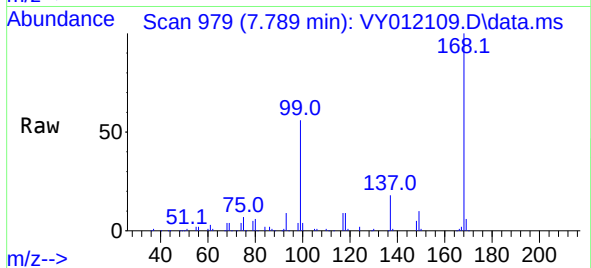




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012109.D
Acq: 09 Jan 2023 14:32

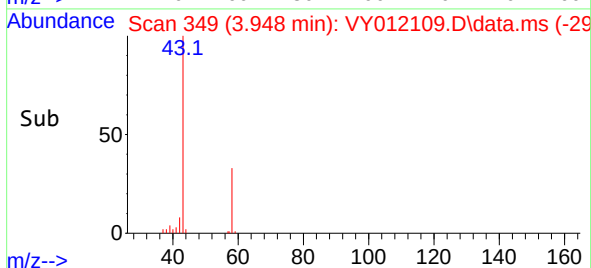
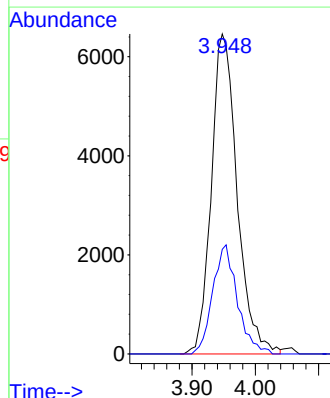
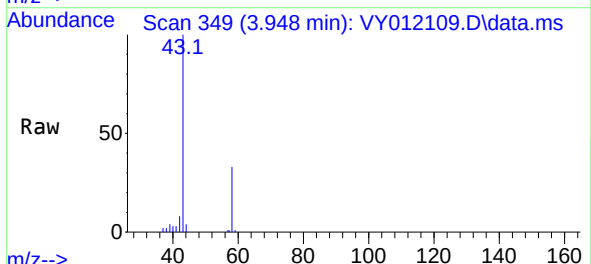
Instrument :
MSVOA_Y
ClientSampleId :
S4-01

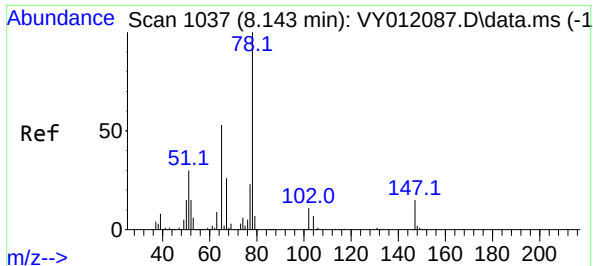
Tgt Ion:168 Resp: 163283
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#16
Acetone
Concen: 42.409 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012109.D
Acq: 09 Jan 2023 14:32

Tgt Ion: 43 Resp: 18304
Ion Ratio Lower Upper
43 100
58 32.7 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 57.290 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012109.D

Acq: 09 Jan 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

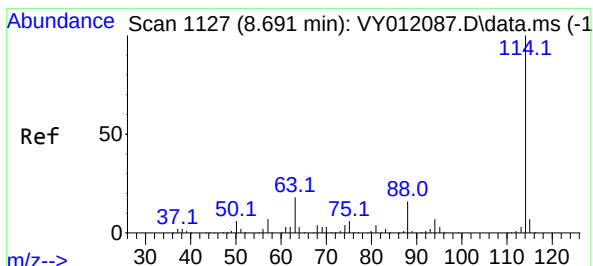
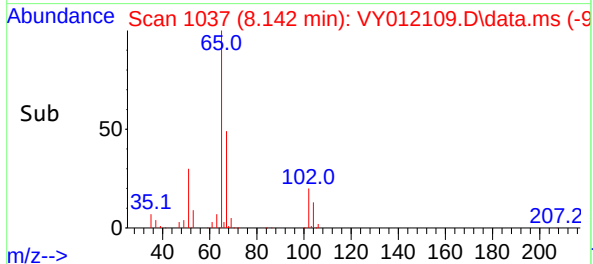
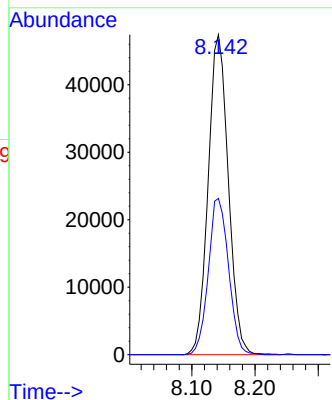
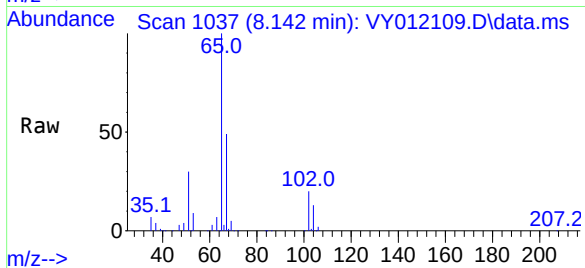
S4-01

Tgt Ion: 65 Resp: 105112

Ion Ratio Lower Upper

65 100

67 49.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012109.D

Acq: 09 Jan 2023 14:32

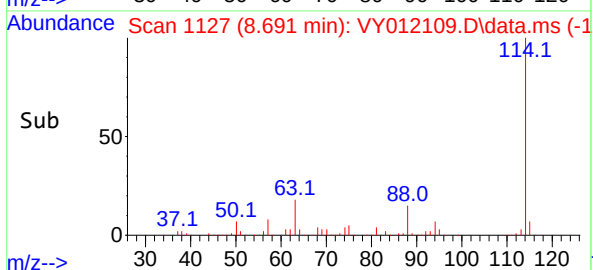
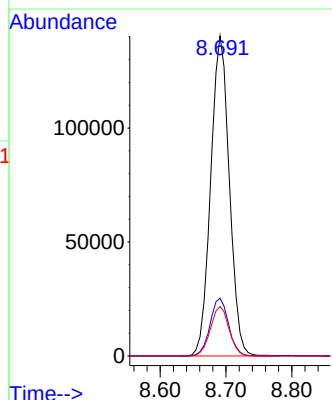
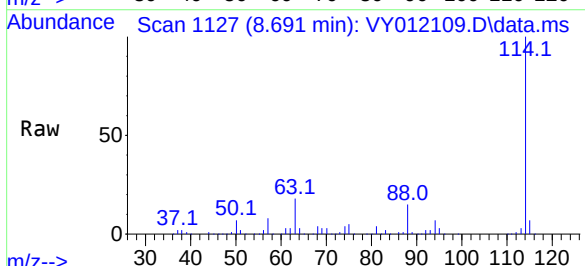
Tgt Ion: 114 Resp: 276702

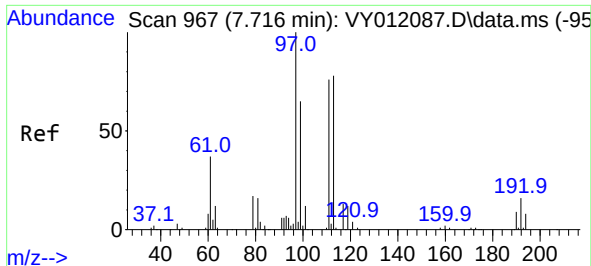
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.4 0.0 32.2



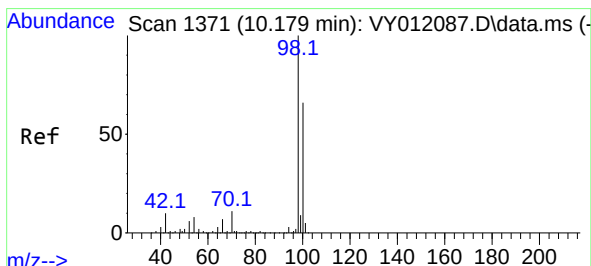
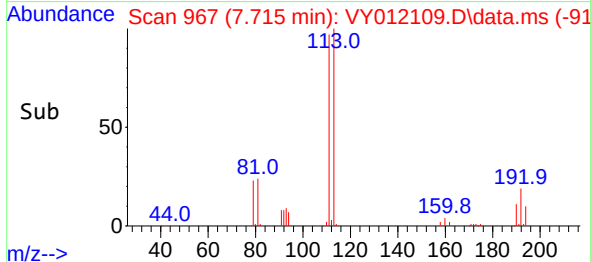
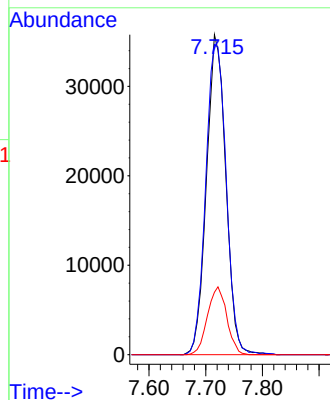
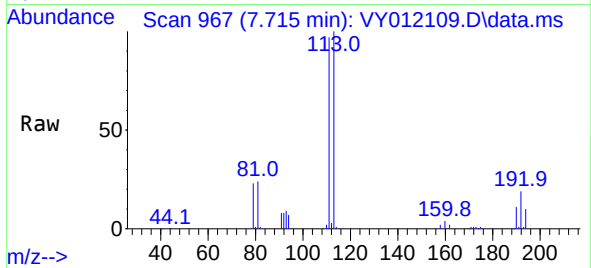


#35
 Dibromofluoromethane
 Concen: 46.572 ug/l
 RT: 7.715 min Scan# 90
 Delta R.T. -0.001 min
 Lab File: VY012109.D
 Acq: 09 Jan 2023 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 S4-01

Tgt Ion:113 Resp: 84702

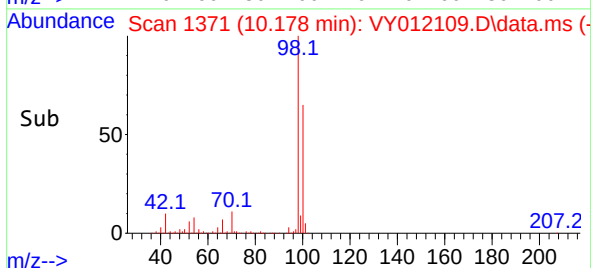
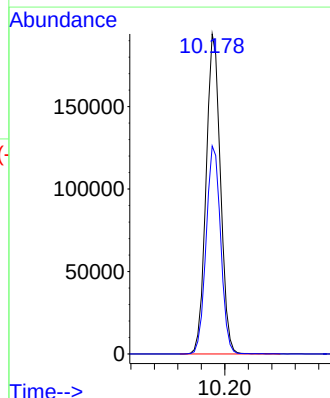
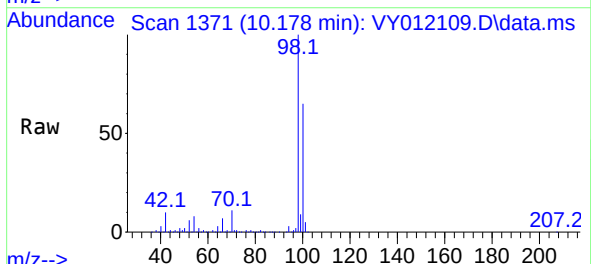
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.4
192	21.2	16.0	24.0

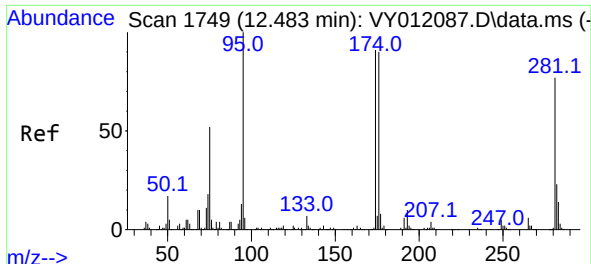


#50
 Toluene-d8
 Concen: 45.845 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.001 min
 Lab File: VY012109.D
 Acq: 09 Jan 2023 14:32

Tgt Ion: 98 Resp: 329097

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9

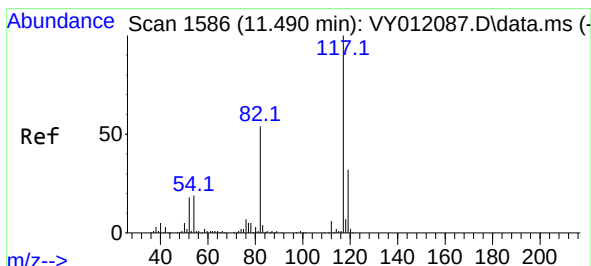
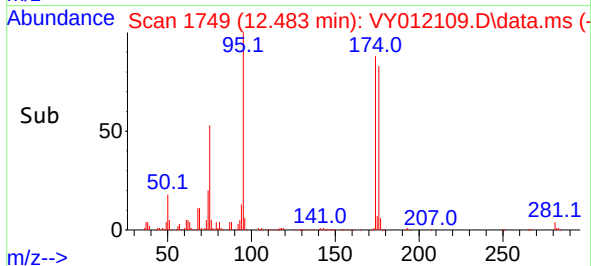
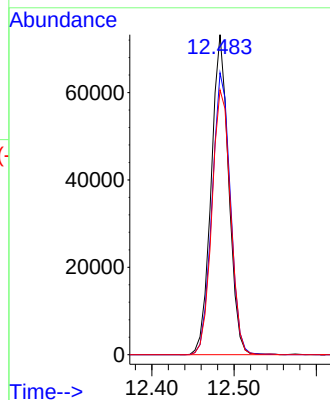
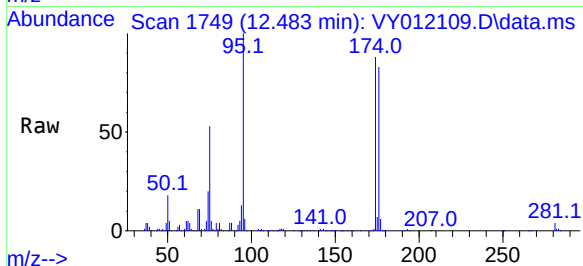




#62
4-Bromofluorobenzene
Concen: 43.161 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012109.D
Acq: 09 Jan 2023 14:32

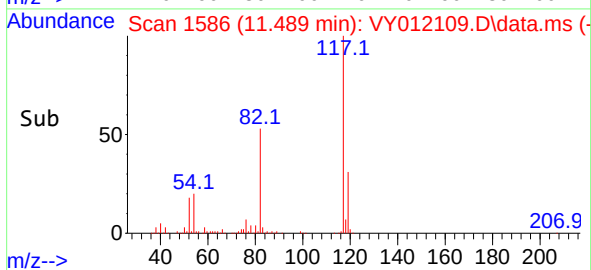
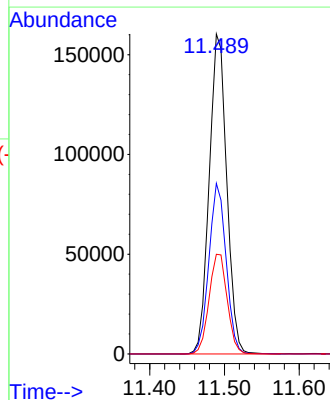
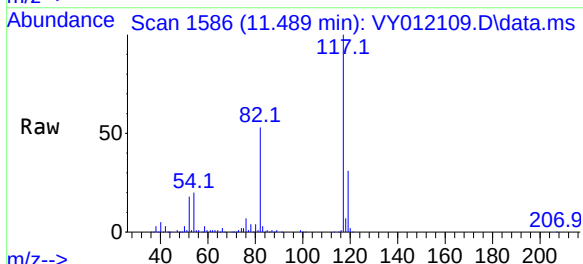
Instrument :
MSVOA_Y
ClientSampleId :
S4-01

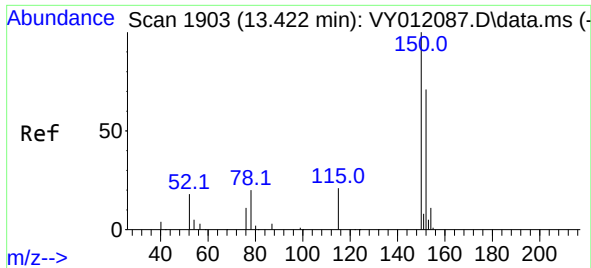
Tgt Ion: 95 Resp: 108299
Ion Ratio Lower Upper
95 100
174 91.9 0.0 172.0
176 87.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012109.D
Acq: 09 Jan 2023 14:32

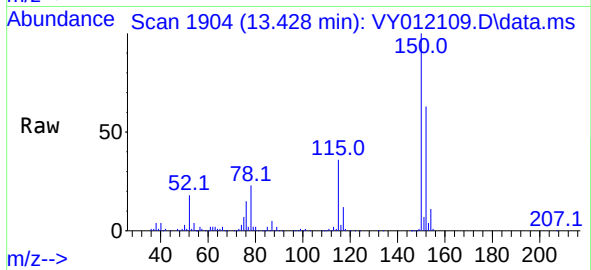
Tgt Ion: 117 Resp: 261106
Ion Ratio Lower Upper
117 100
82 53.3 44.8 67.2
119 31.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012109.D
 Acq: 09 Jan 2023 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 S4-01



Tgt Ion:152 Resp: 120014
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.1 87.3
 150 157.5 0.0 342.6

