

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012059.D
 Acq On : 03 Jan 2023 20:03
 Operator : KP/MD
 Sample : N6235-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-122922

Quant Time: Jan 04 01:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

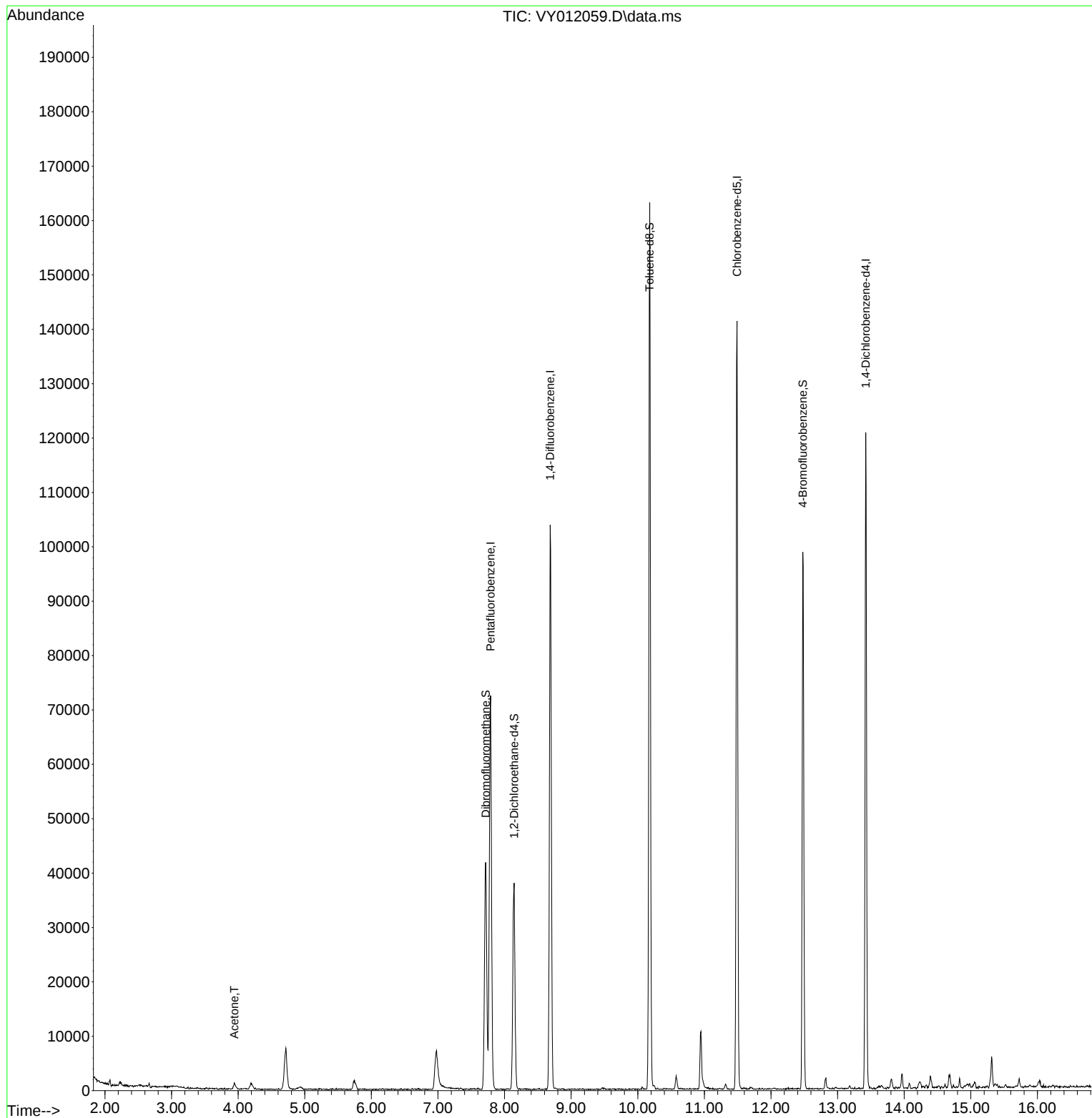
Internal Standards						
1) Pentafluorobenzene	7.789	168	57518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	91647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	81158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31412	54.207	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.420%	
35) Dibromofluoromethane	7.716	113	28949	52.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.940%	
50) Toluene-d8	10.179	98	109336	48.843	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.680%	
62) 4-Bromofluorobenzene	12.477	95	30546	40.573	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.140%	
Target Compounds						Qvalue
16) Acetone	3.942	43	1606	13.976	ug/l	95

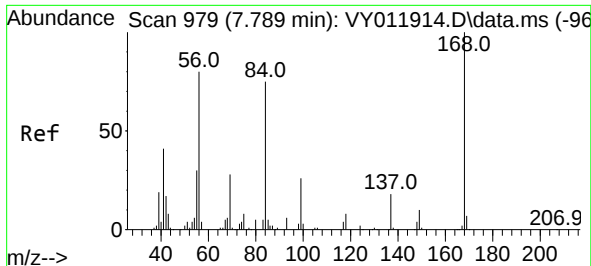
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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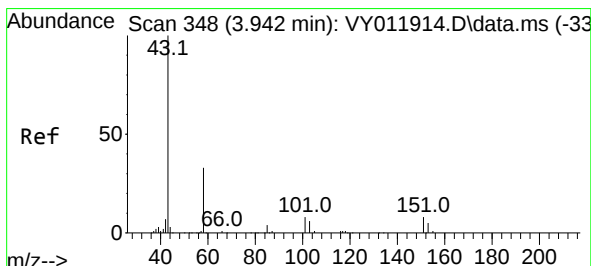
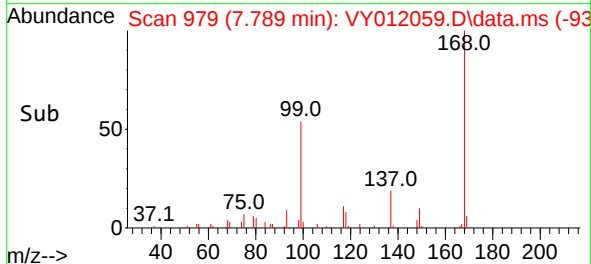
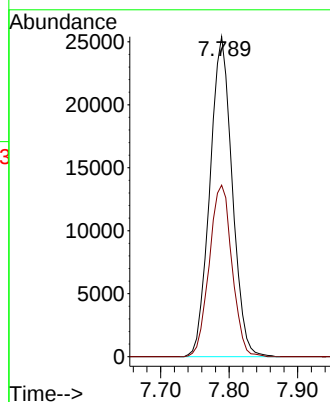
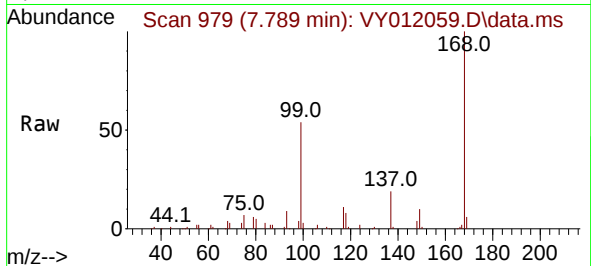




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012059.D
Acq: 03 Jan 2023 20:03

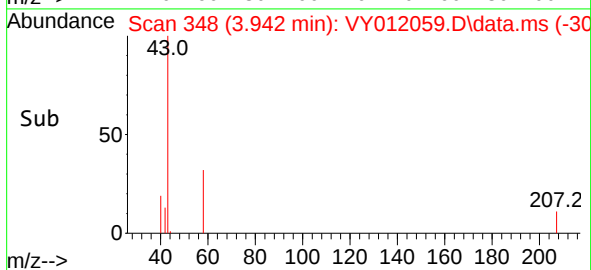
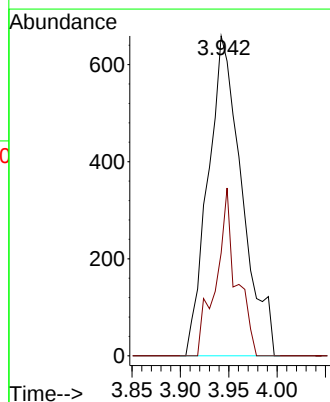
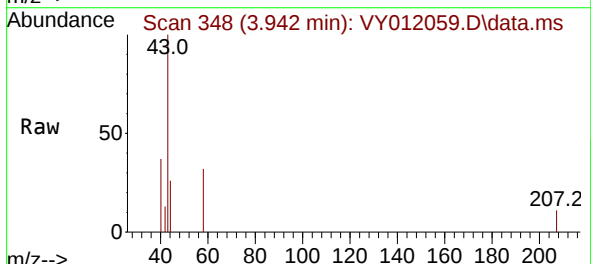
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-122922

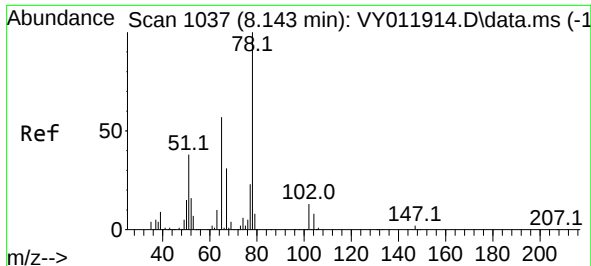
Tgt Ion:168 Resp: 57518
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0



#16
Acetone
Concen: 13.976 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012059.D
Acq: 03 Jan 2023 20:03

Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
58 32.2 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 54.207 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY012059.D

Acq: 03 Jan 2023 20:03

Instrument :

MSVOA_Y

ClientSampleId :

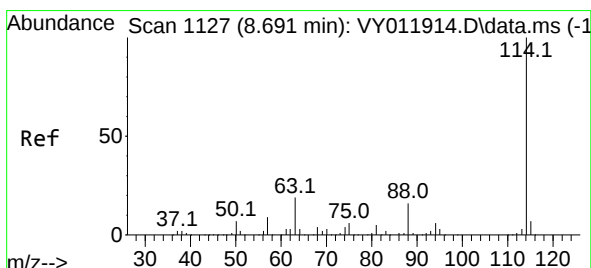
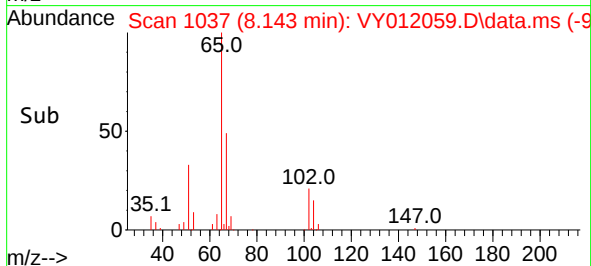
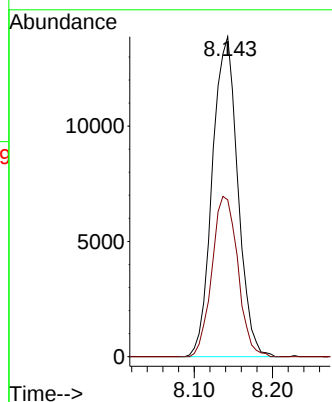
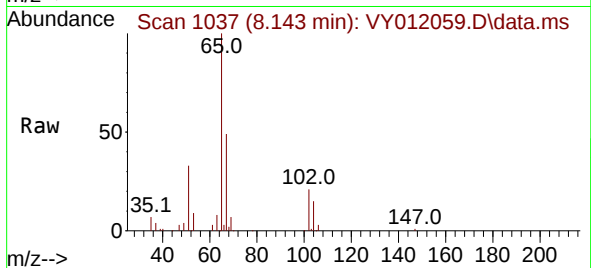
OR-2-122922

Tgt Ion: 65 Resp: 31412

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012059.D

Acq: 03 Jan 2023 20:03

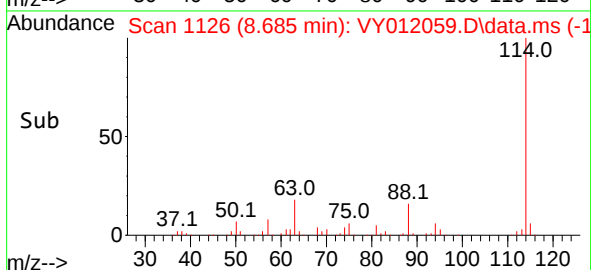
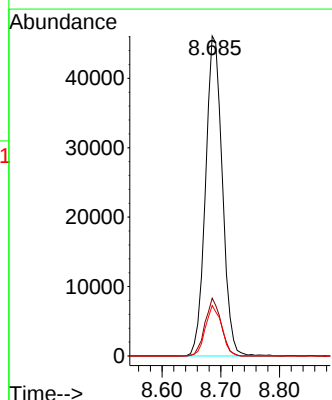
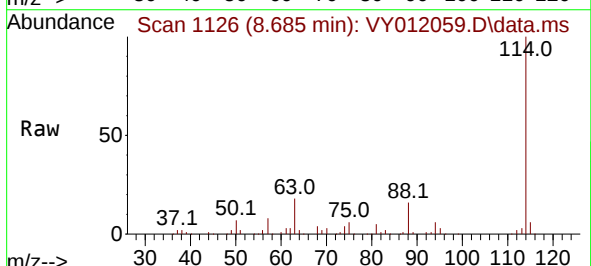
Tgt Ion: 114 Resp: 91647

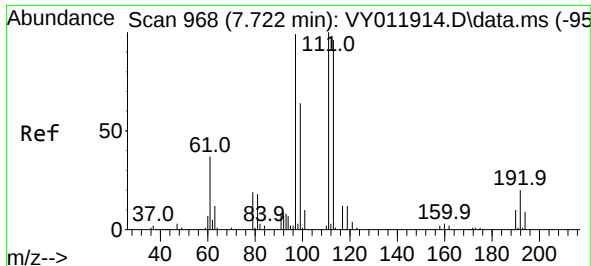
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 15.8 0.0 32.2

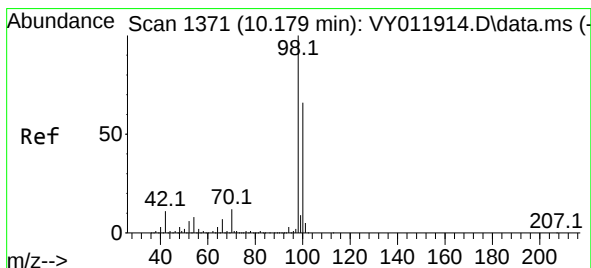
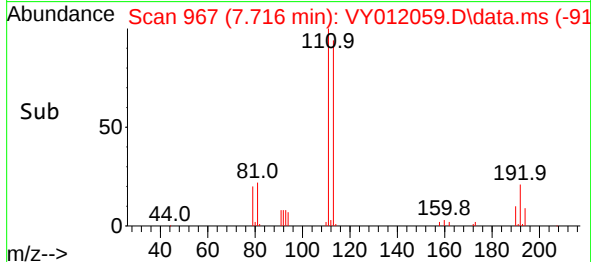
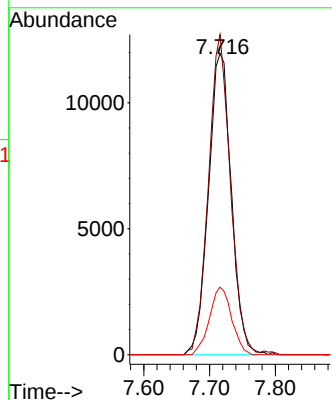
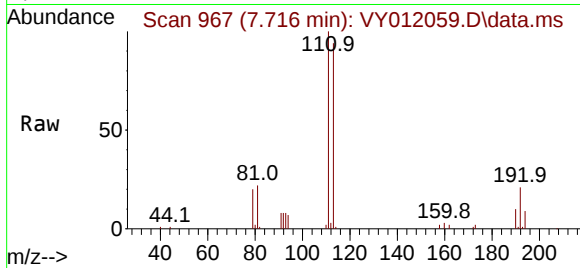




#35
 Dibromofluoromethane
 Concen: 52.468 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY012059.D
 Acq: 03 Jan 2023 20:03

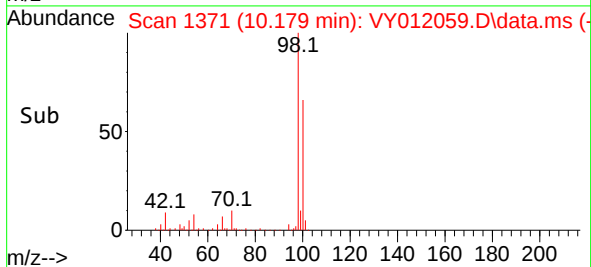
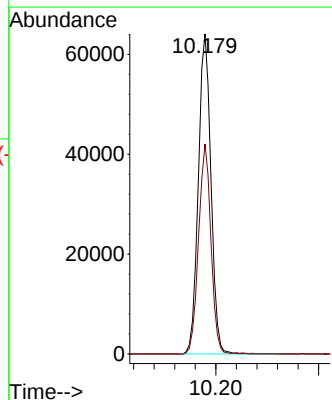
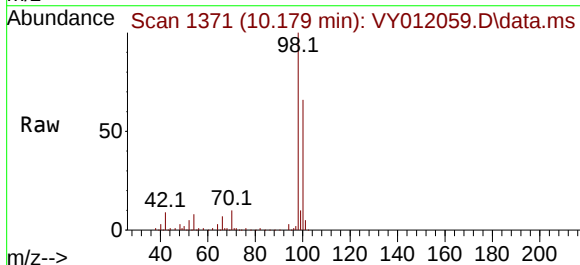
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-122922

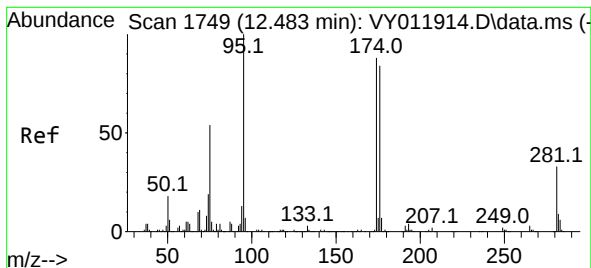
Tgt Ion:113 Resp: 28949
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.4
 192 21.7 16.0 24.0



#50
 Toluene-d8
 Concen: 48.843 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY012059.D
 Acq: 03 Jan 2023 20:03

Tgt Ion: 98 Resp: 109336
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.9 77.9

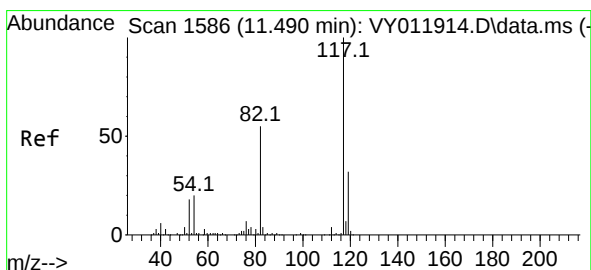
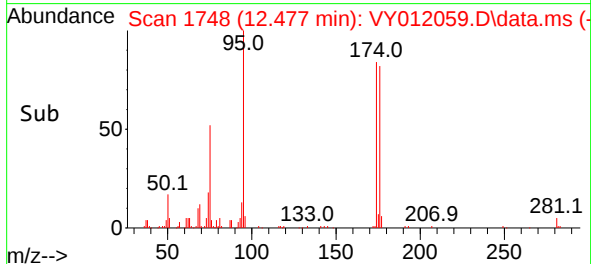
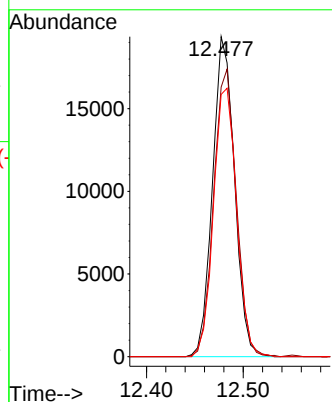
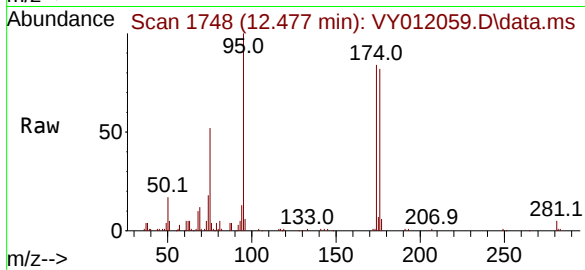




#62
4-Bromofluorobenzene
Concen: 40.573 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012059.D
Acq: 03 Jan 2023 20:03

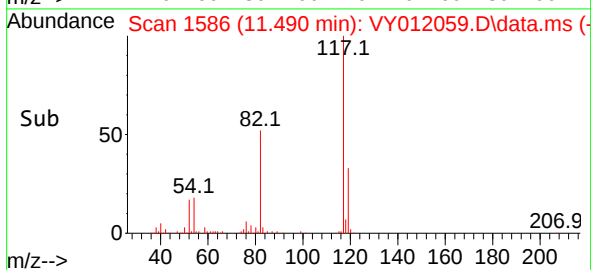
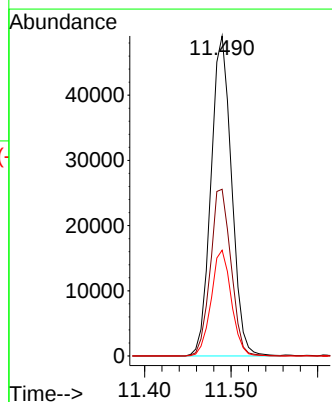
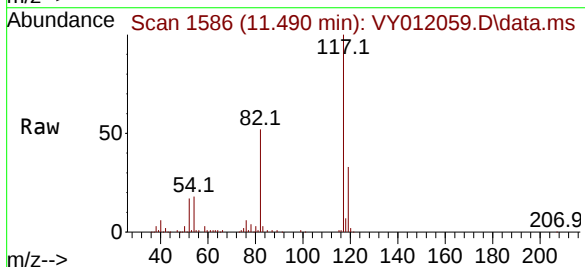
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-122922

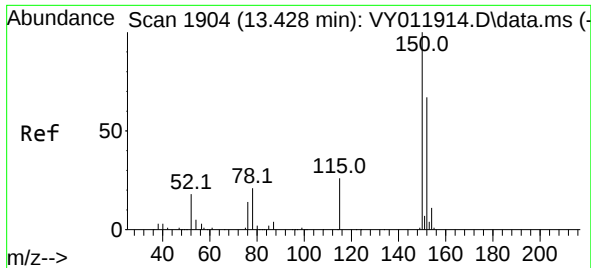
Tgt Ion:	95	Resp:	30546
Ion Ratio	Lower	Upper	
95	100		
174	92.5	0.0	172.0
176	88.4	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012059.D
Acq: 03 Jan 2023 20:03

Tgt Ion:	117	Resp:	81158
Ion Ratio	Lower	Upper	
117	100		
82	52.1	44.8	67.2
119	33.1	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012059.D

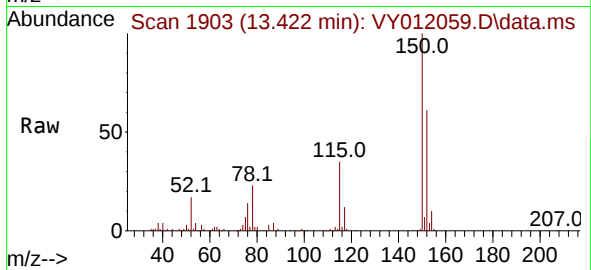
Acq: 03 Jan 2023 20:03

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-122922



Tgt Ion:152 Resp: 32686

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 158.6 0.0 342.6

