

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011243.D
 Acq On : 02 Nov 2022 00:46
 Operator : KP/MD
 Sample : N5336-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Nov 02 01:46:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

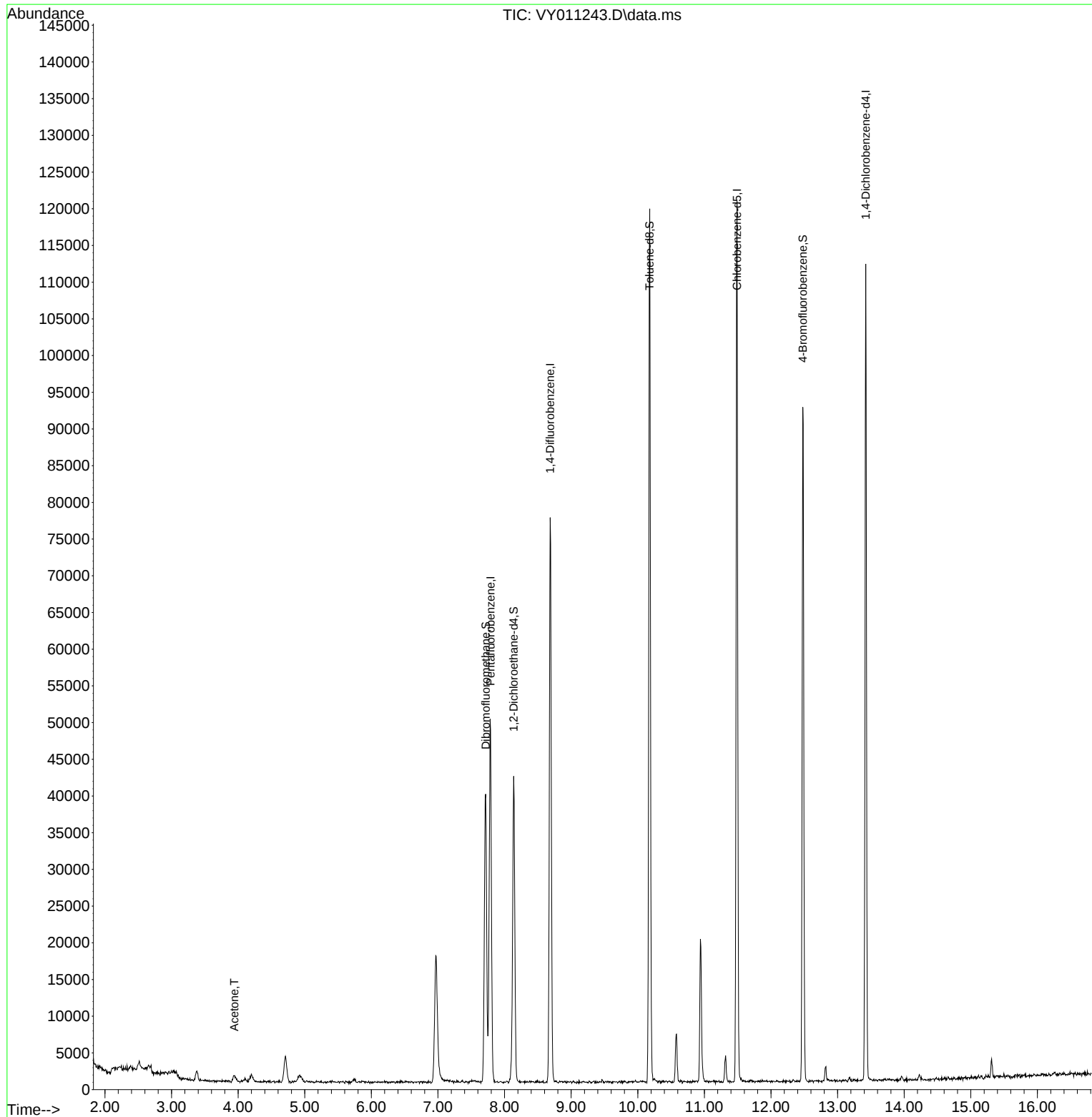
Internal Standards						
1) Pentafluorobenzene	7.789	168	39135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	68812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	69616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	31010	74.089	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 148.180%			
35) Dibromofluoromethane	7.716	113	29377	66.447	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.900%			
50) Toluene-d8	10.179	98	82541	48.085	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.180%			
62) 4-Bromofluorobenzene	12.477	95	29294	49.158	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.320%			
Target Compounds						Qvalue
16) Acetone	3.942	43	1780	14.088	ug/l	93

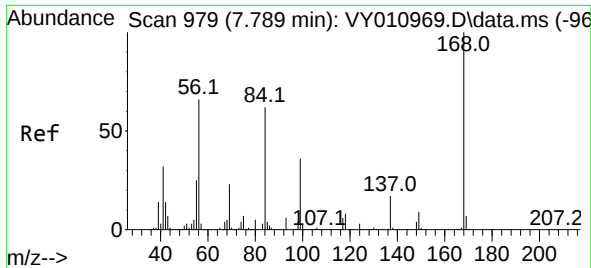
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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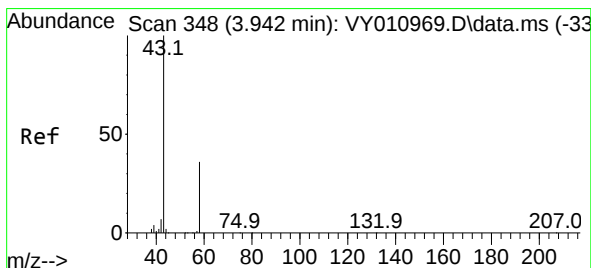
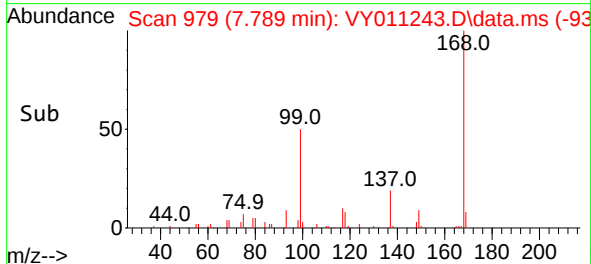
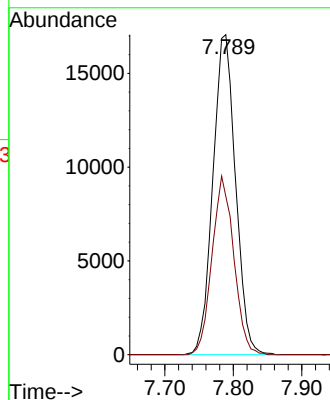
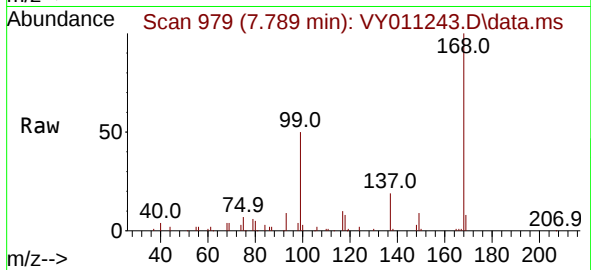




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

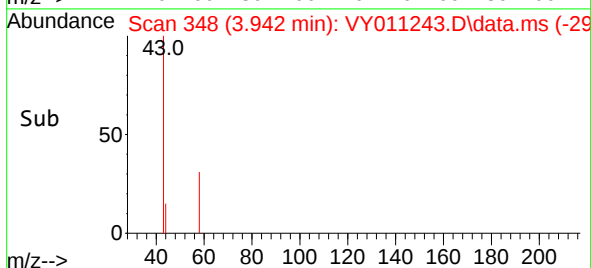
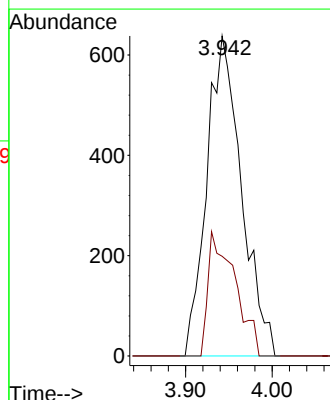
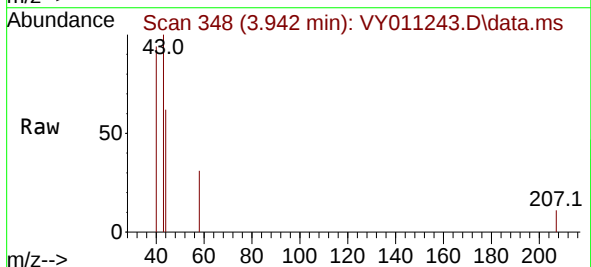
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

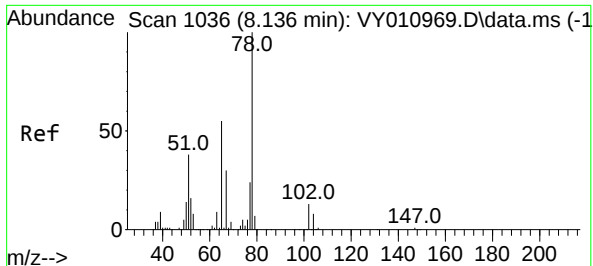
Tgt Ion:168 Resp: 39135
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#16
Acetone
Concen: 14.088 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
58 31.2 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 74.089 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY011243.D

Acq: 02 Nov 2022 00:46

Instrument :

MSVOA_Y

ClientSampleId :

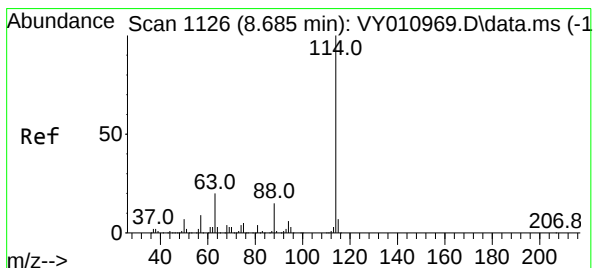
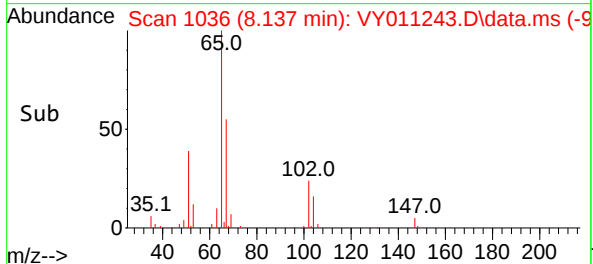
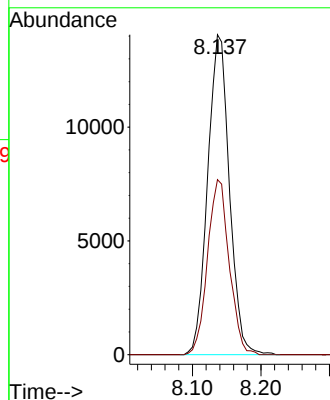
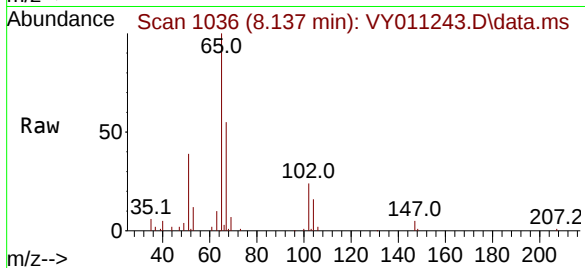
SB-02-0-2.0

Tgt Ion: 65 Resp: 31010

Ion Ratio Lower Upper

65 100

67 54.6 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: VY011243.D

Acq: 02 Nov 2022 00:46

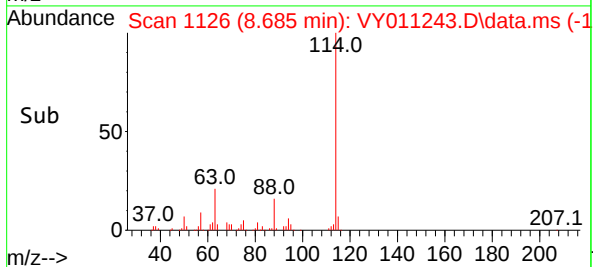
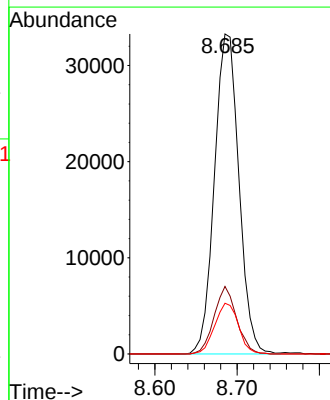
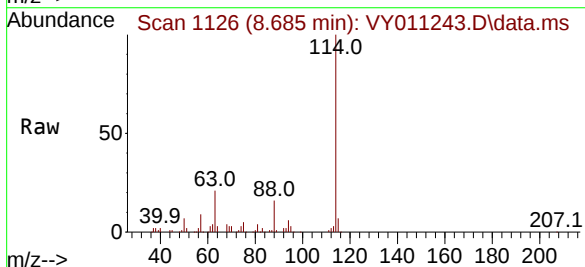
Tgt Ion: 114 Resp: 68812

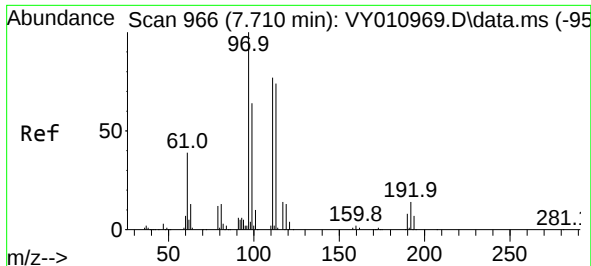
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 15.9 0.0 31.8

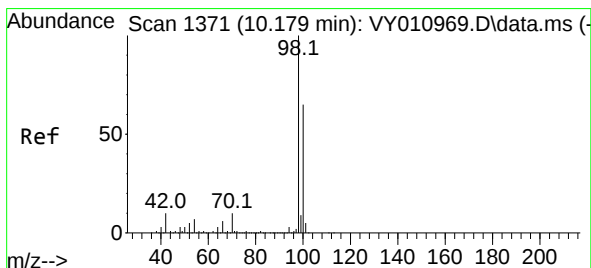
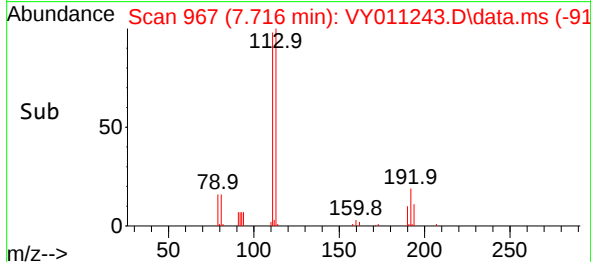
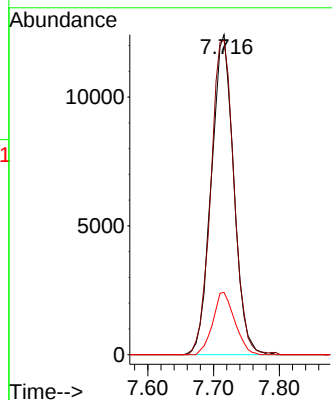
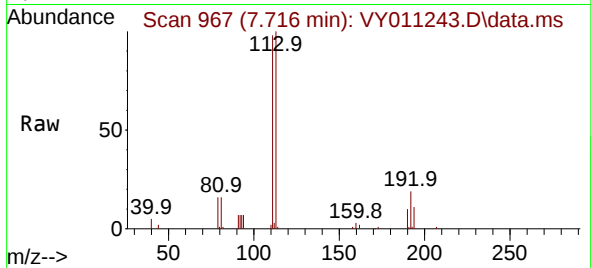




#35
Dibromofluoromethane
Concen: 66.447 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

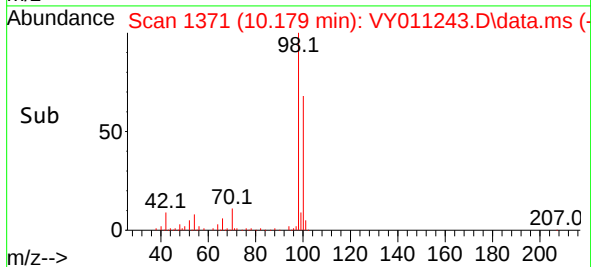
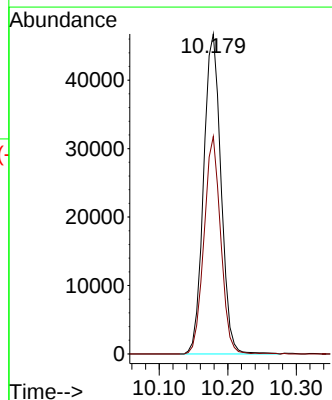
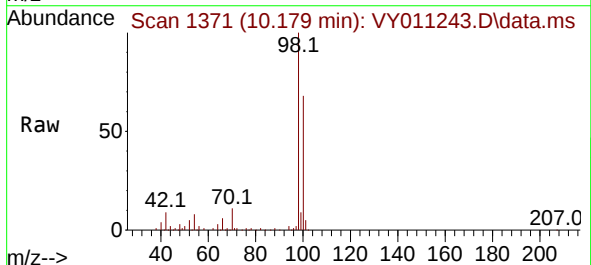
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

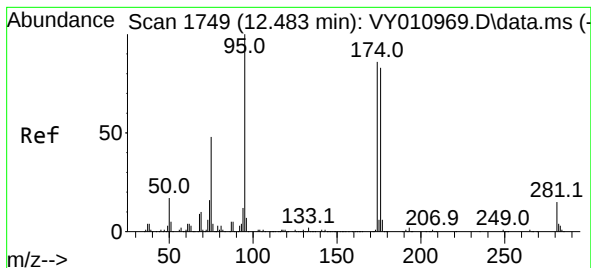
Tgt Ion:113 Resp: 29377
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 48.085 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

Tgt Ion: 98 Resp: 82541
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

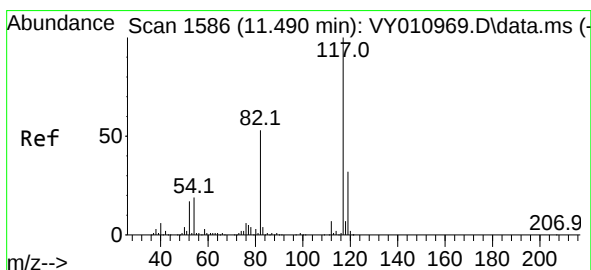
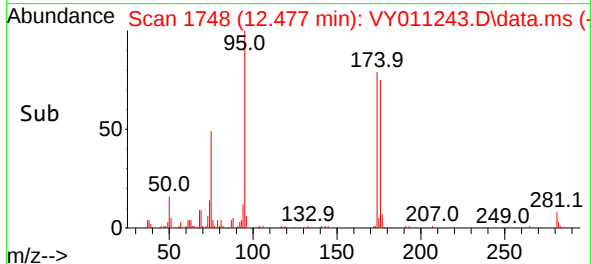
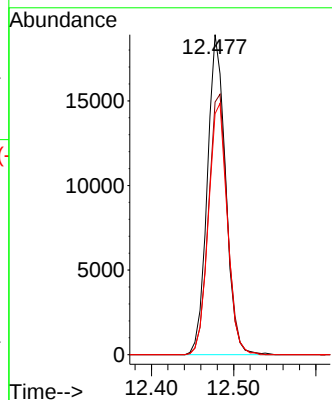
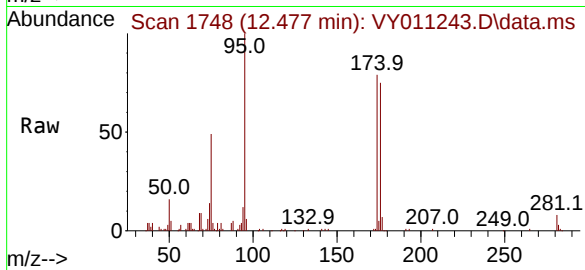




#62
4-Bromofluorobenzene
Concen: 49.158 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

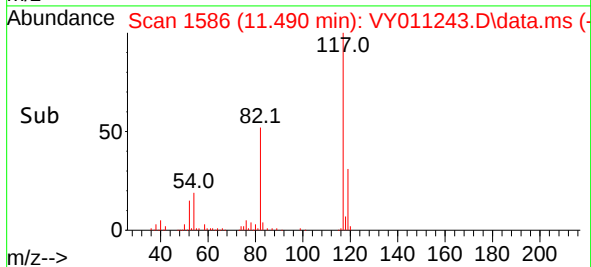
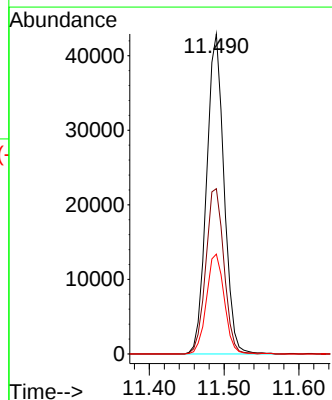
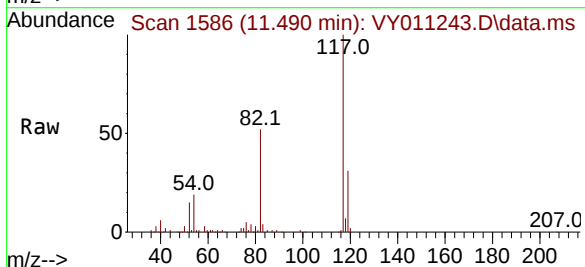
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

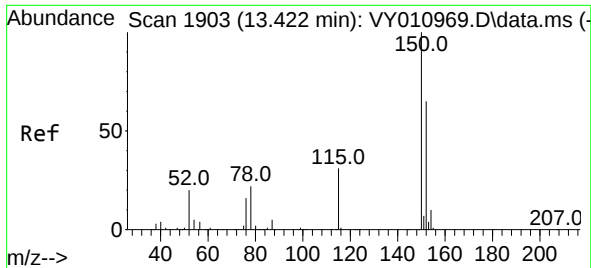
Tgt Ion: 95 Resp: 29294
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 80.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

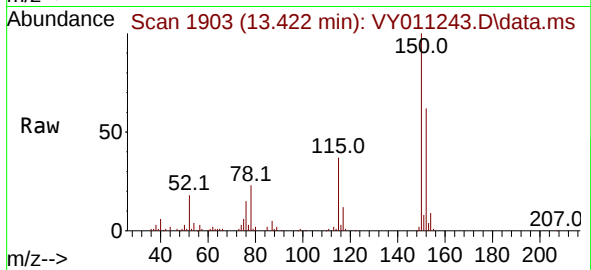
Tgt Ion: 117 Resp: 69616
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 31.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011243.D
 Acq: 02 Nov 2022 00:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.2	84.7
150	160.1	0.0	347.6

