

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011997.D
 Acq On : 23 Dec 2022 15:01
 Operator : KP/MD
 Sample : N6190-02
 Misc : 7.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOCATION-2

Quant Time: Dec 23 22:25:31 2022
 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)

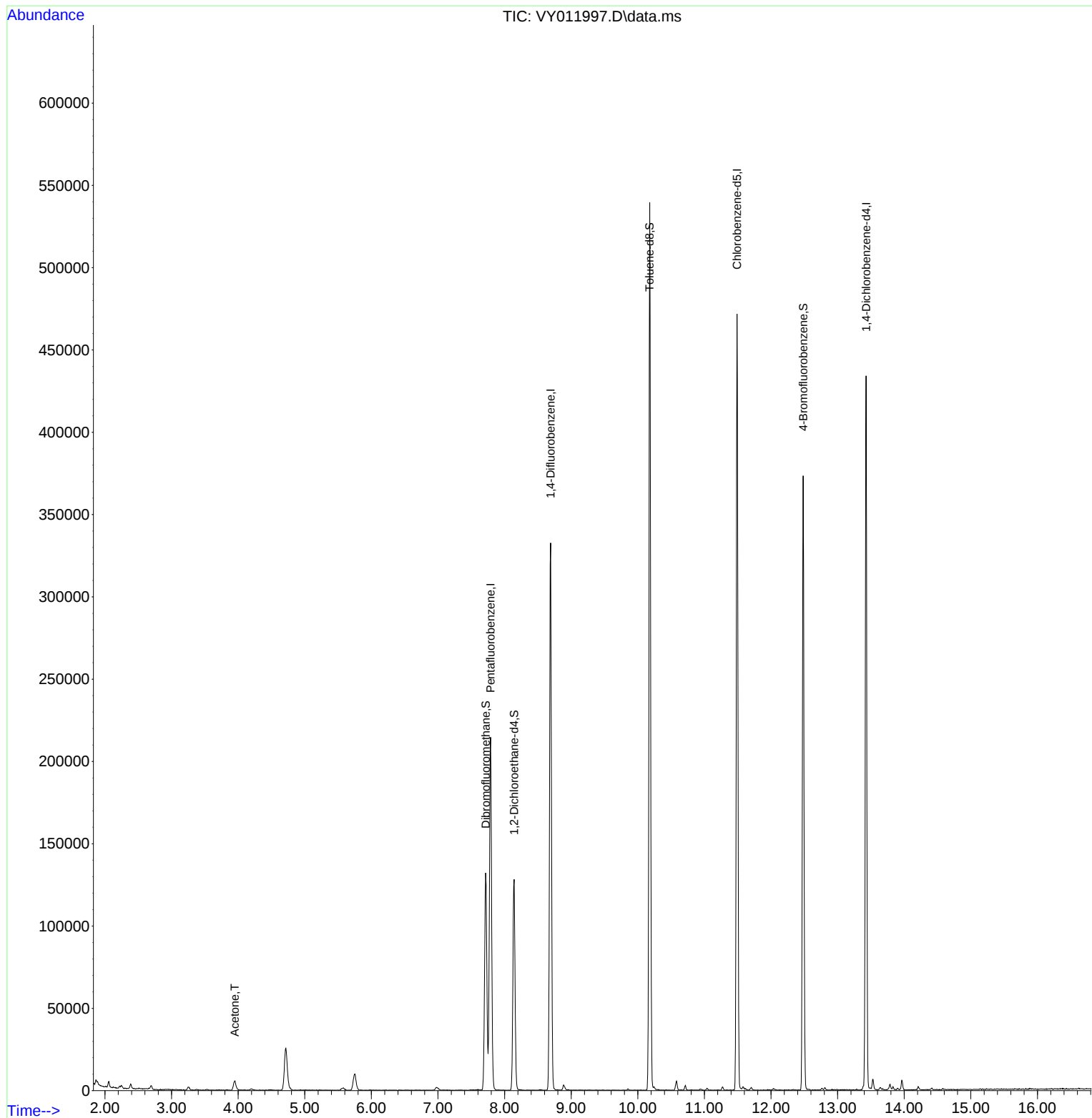
Internal Standards						
1) Pentafluorobenzene	7.789	168	167281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	289103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103911	61.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.320%	
35) Dibromofluoromethane	7.716	113	91943	52.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.660%	
50) Toluene-d8	10.179	98	352194	49.875	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.483	95	107978	45.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.940%	
Target Compounds						
16) Acetone	3.948	43	10135	24.624	ug/l	Qvalue 97

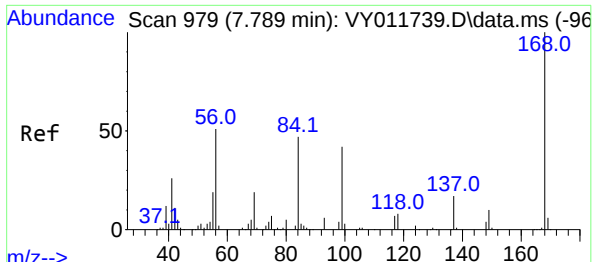
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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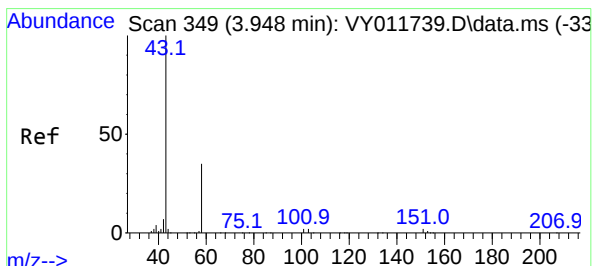
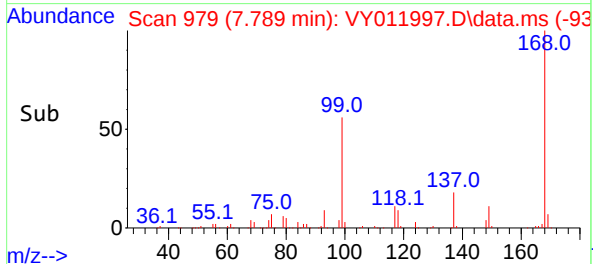
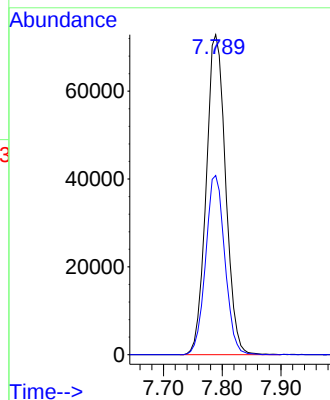
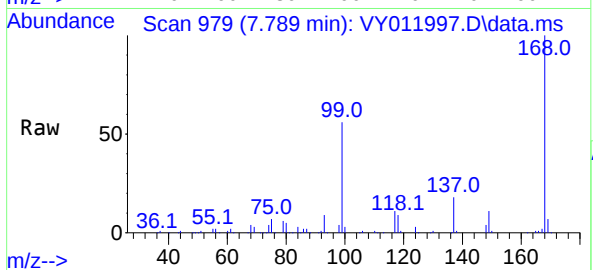




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011997.D
Acq: 23 Dec 2022 15:01

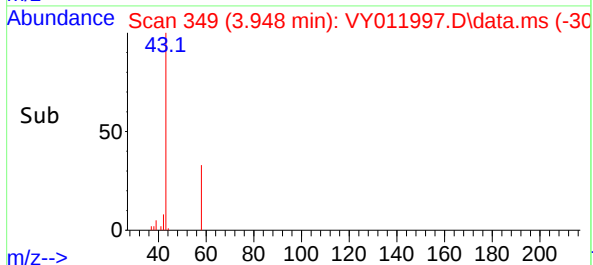
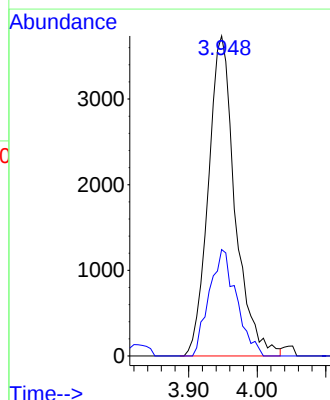
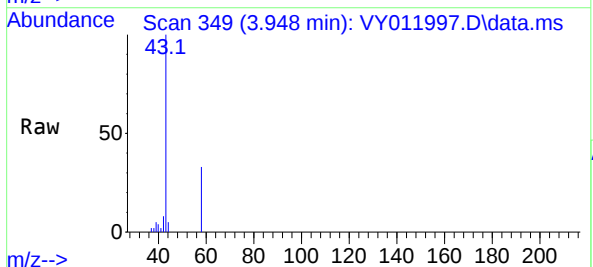
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-2

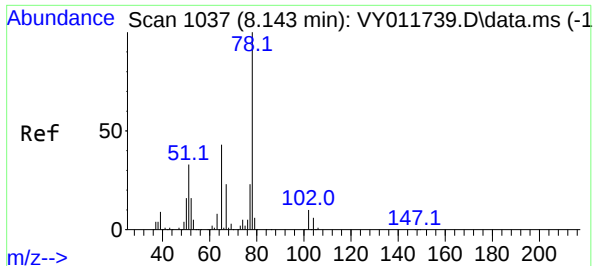
Tgt Ion:168 Resp: 167281
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#16
Acetone
Concen: 24.624 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011997.D
Acq: 23 Dec 2022 15:01

Tgt Ion: 43 Resp: 10135
Ion Ratio Lower Upper
43 100
58 33.3 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 61.657 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011997.D

Acq: 23 Dec 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

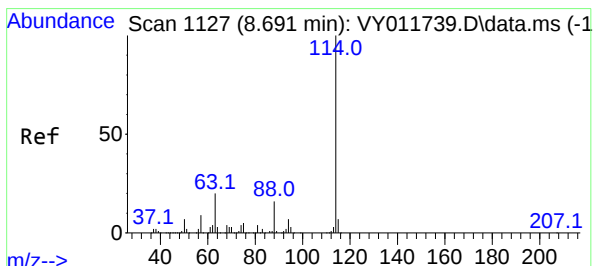
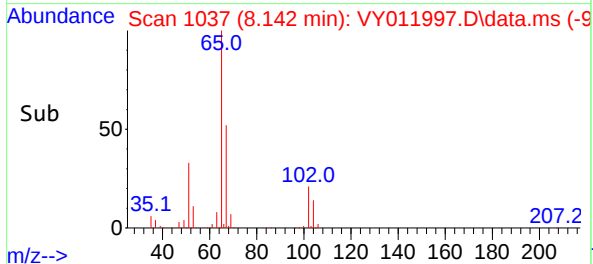
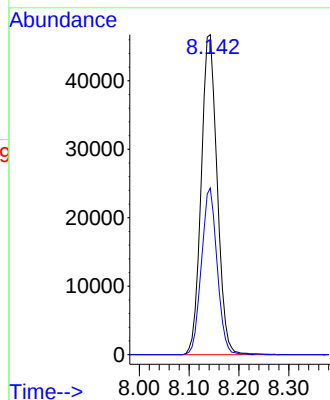
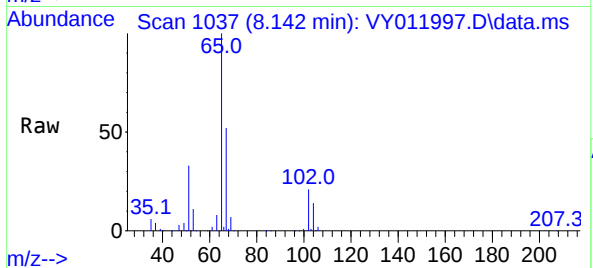
LOCATION-2

Tgt Ion: 65 Resp: 103911

Ion Ratio Lower Upper

65 100

67 51.1 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: VY011997.D

Acq: 23 Dec 2022 15:01

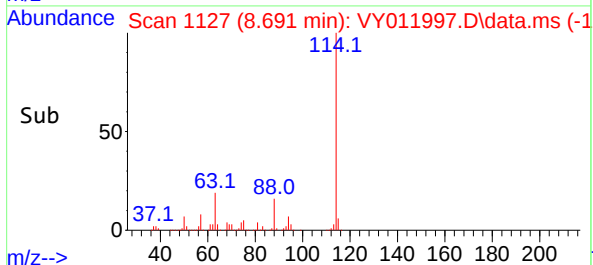
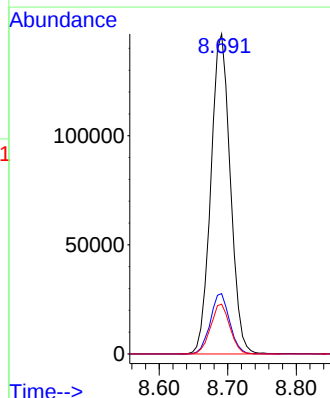
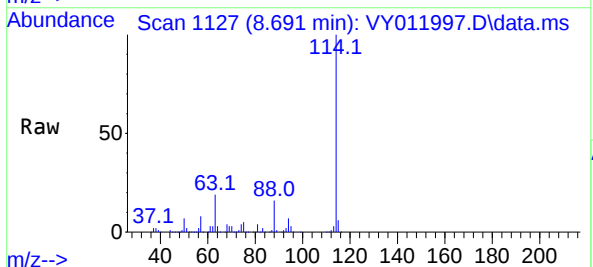
Tgt Ion:114 Resp: 289103

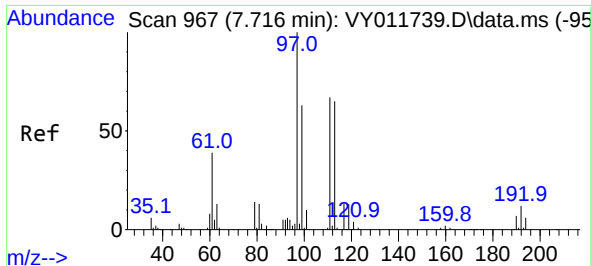
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.5 0.0 32.2

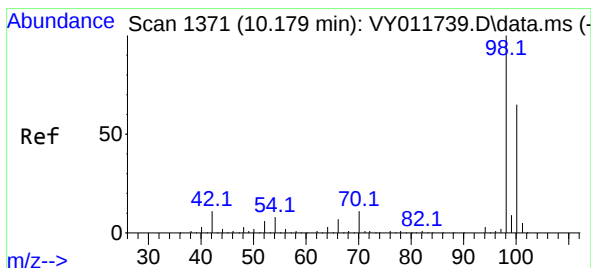
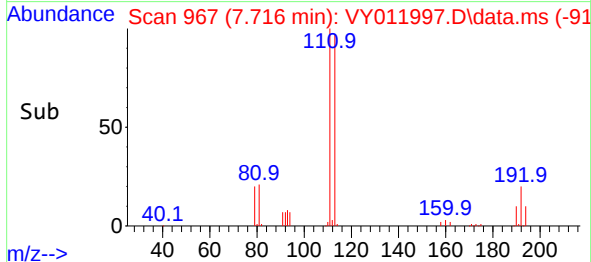
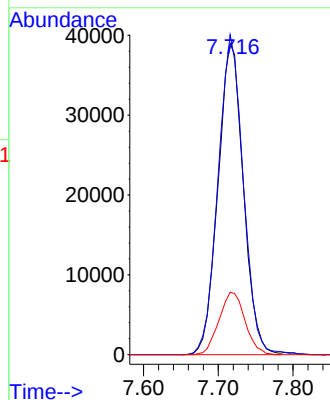
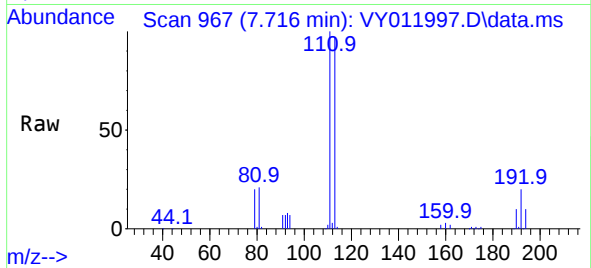




#35
Dibromofluoromethane
Concen: 52.826 ug/l
RT: 7.716 min Scan# 919
Delta R.T. -0.000 min
Lab File: VY011997.D
Acq: 23 Dec 2022 15:01

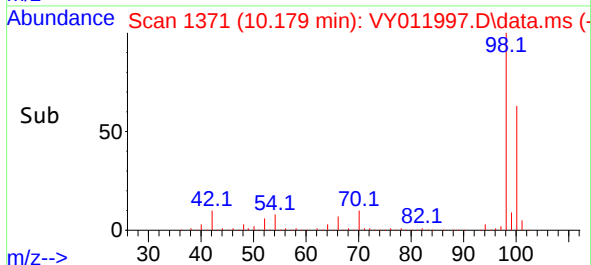
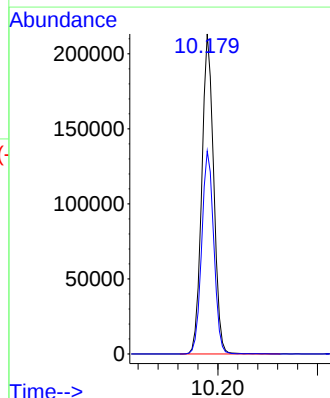
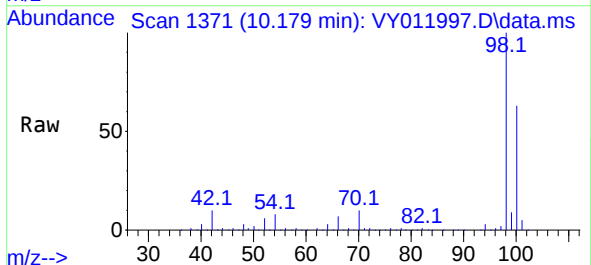
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-2

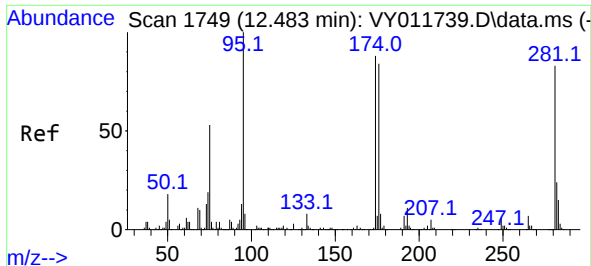
Tgt Ion:113 Resp: 91943
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 20.6 16.0 24.0



#50
Toluene-d8
Concen: 49.875 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011997.D
Acq: 23 Dec 2022 15:01

Tgt Ion: 98 Resp: 352194
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

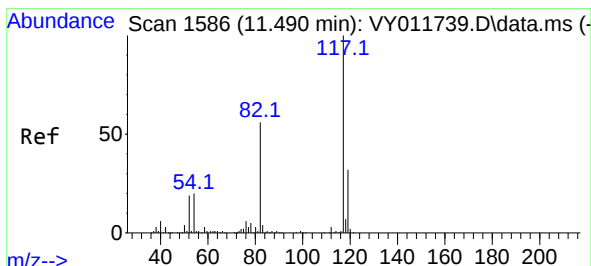
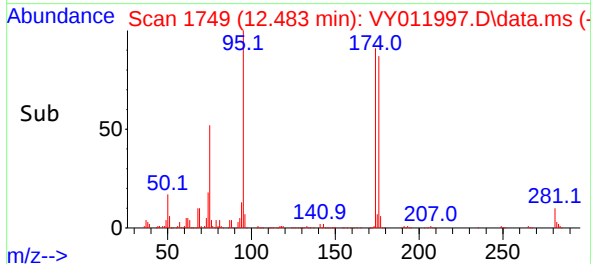
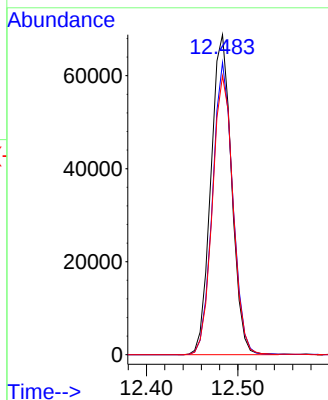
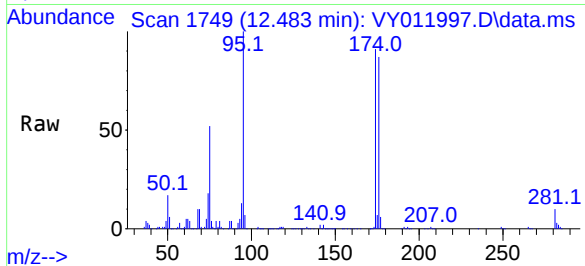




#62
4-Bromofluorobenzene
Concen: 45.465 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011997.D
Acq: 23 Dec 2022 15:01

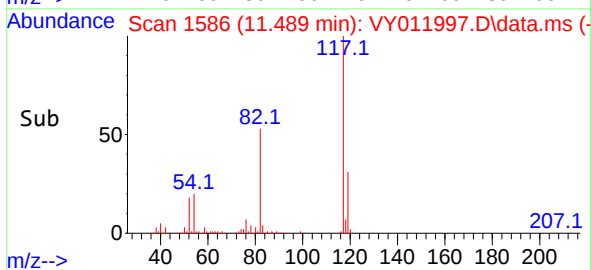
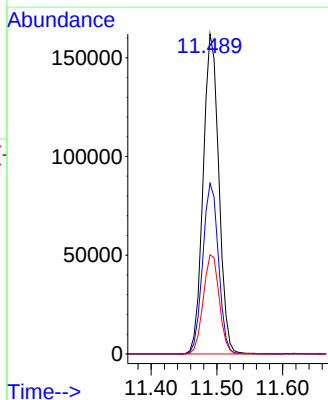
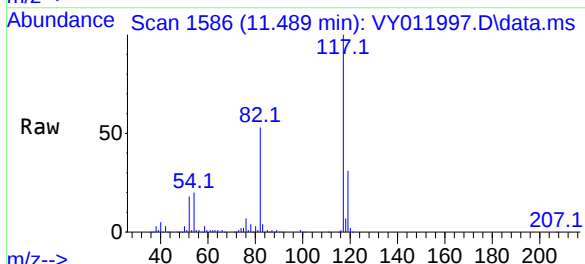
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-2

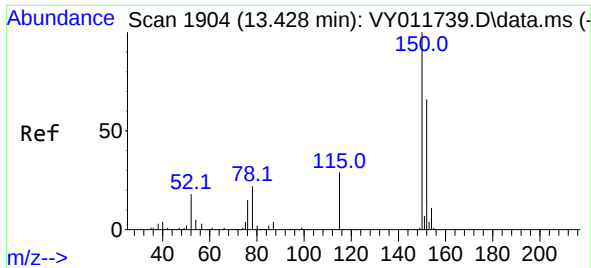
Tgt Ion: 95 Resp: 107978
Ion Ratio Lower Upper
95 100
174 89.4 0.0 172.0
176 87.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011997.D
Acq: 23 Dec 2022 15:01

Tgt Ion: 117 Resp: 268863
Ion Ratio Lower Upper
117 100
82 53.3 44.8 67.2
119 31.0 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011997.D
 Acq: 23 Dec 2022 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOCATION-2

Tgt Ion:	152	Resp:	115814
Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.1	87.3
150	157.0	0.0	342.6

