

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011584.D
 Acq On : 23 Nov 2022 18:41
 Operator : KP/MD
 Sample : N5772-01
 Misc : 6.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOCATION-1

Quant Time: Nov 24 00:39:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

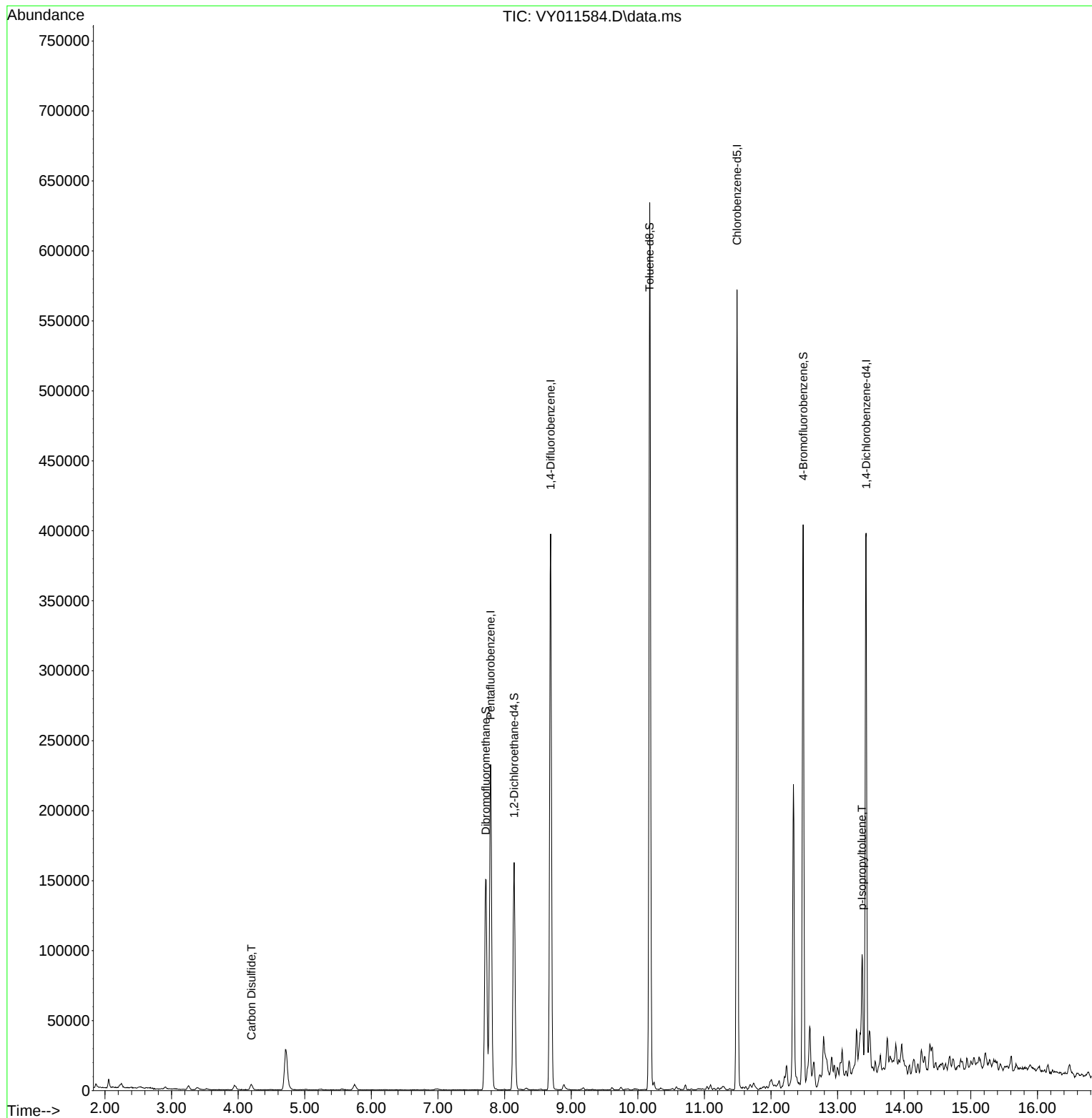
Internal Standards						
1) Pentafluorobenzene	7.789	168	172834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	286631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	122358	69.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.440%
35) Dibromofluoromethane	7.716	113	107447	53.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.400%
50) Toluene-d8	10.179	98	395835	53.930	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.860%
62) 4-Bromofluorobenzene	12.483	95	115054	42.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.800%
Target Compounds						Qvalue
17) Carbon Disulfide	4.198	76	7678	1.824	ug/l	96
86) p-Isopropyltoluene	13.367	119	43882	6.689	ug/l	98

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

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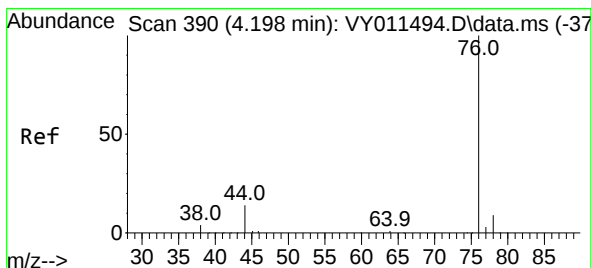
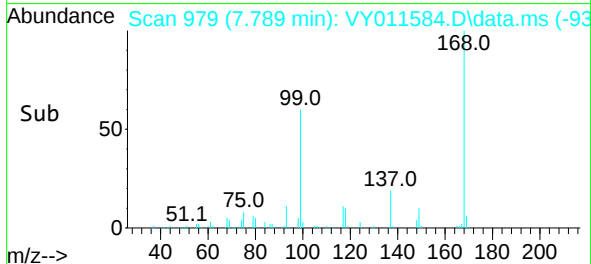
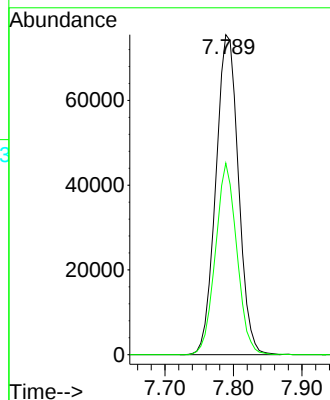
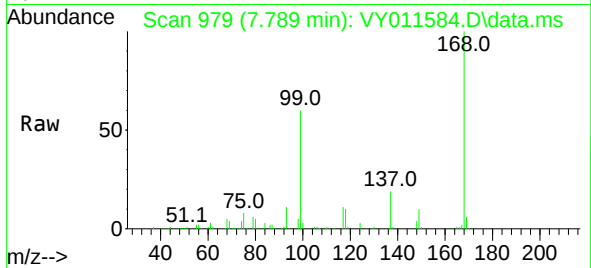




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

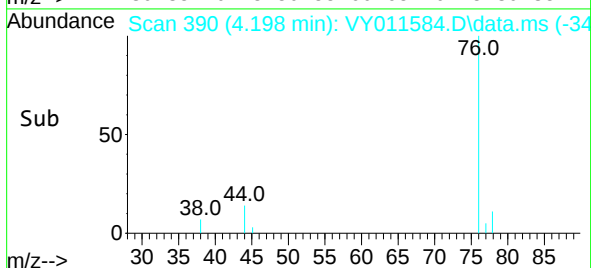
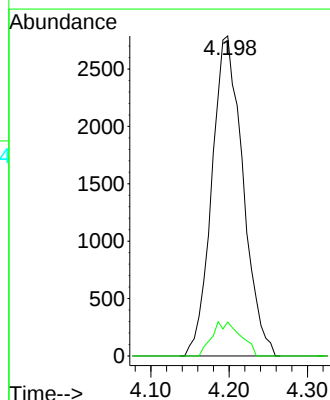
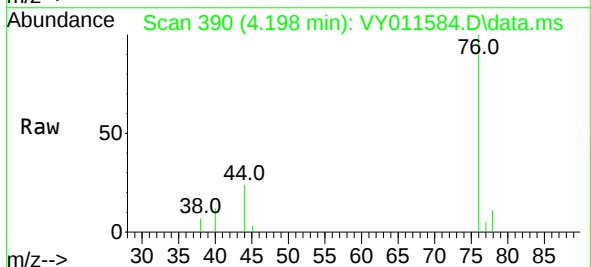
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1

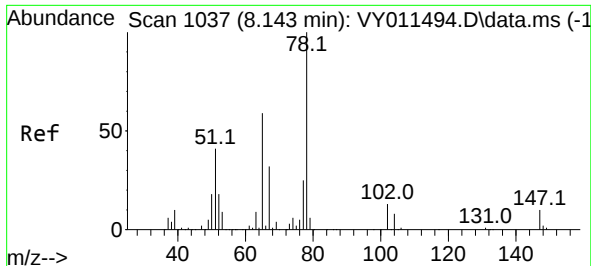
Tgt Ion:168 Resp: 172834
Ion Ratio Lower Upper
168 100
99 59.8 46.9 70.3



#17
Carbon Disulfide
Concen: 1.824 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Tgt Ion: 76 Resp: 7678
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0





#33

1,2-Dichloroethane-d4

Concen: 69.722 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY011584.D

Acq: 23 Nov 2022 18:41

Instrument :

MSVOA_Y

ClientSampleId :

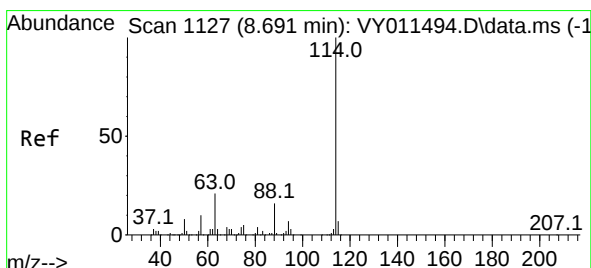
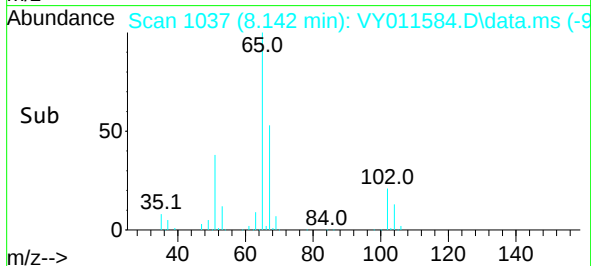
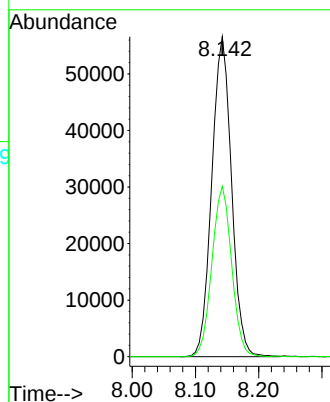
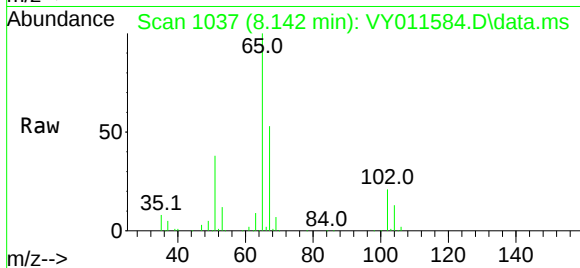
LOCATION-1

Tgt Ion: 65 Resp: 122358

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011584.D

Acq: 23 Nov 2022 18:41

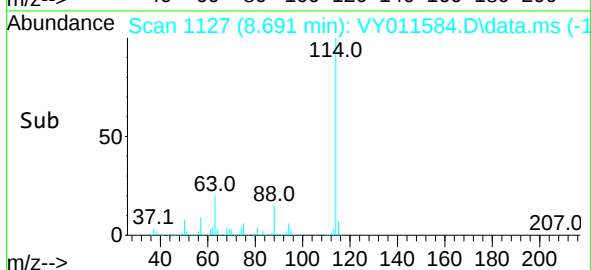
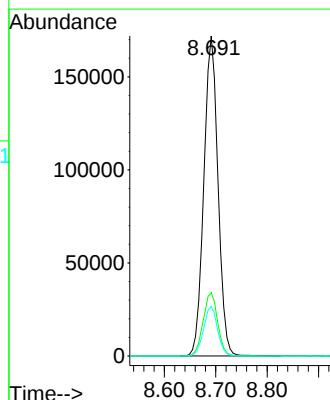
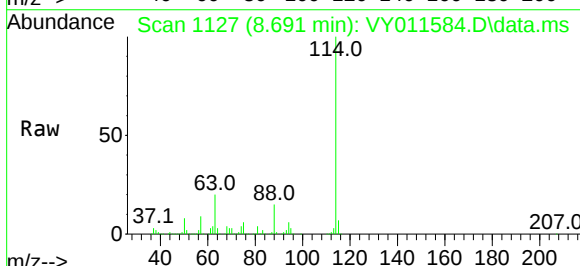
Tgt Ion: 114 Resp: 328110

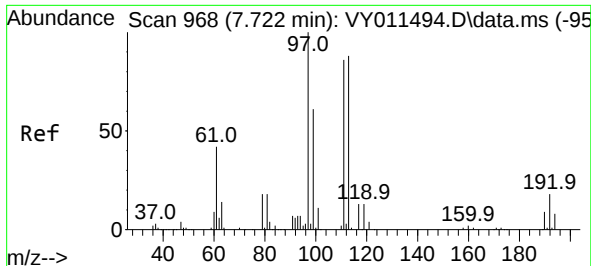
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.5 0.0 31.8

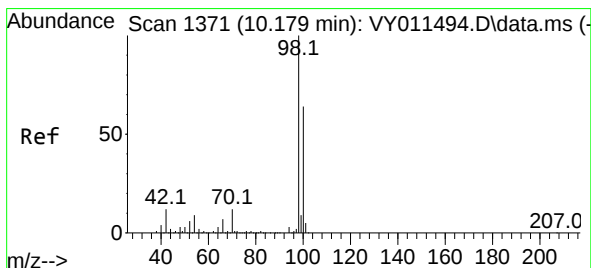
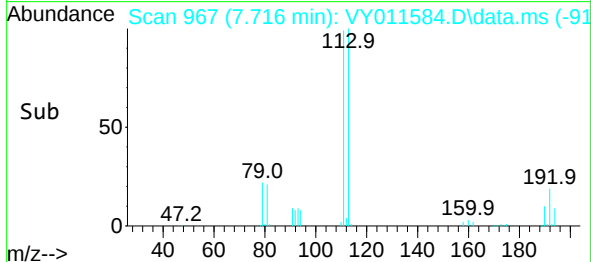
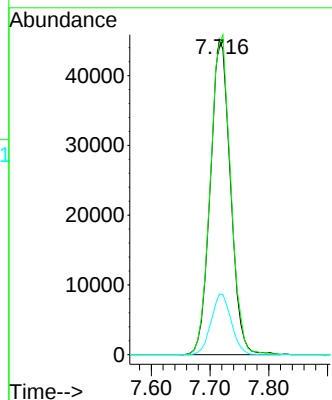
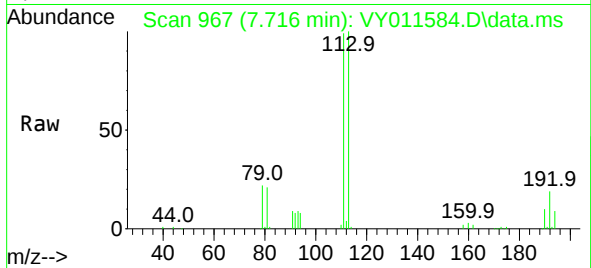




#35
Dibromofluoromethane
Concen: 53.196 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

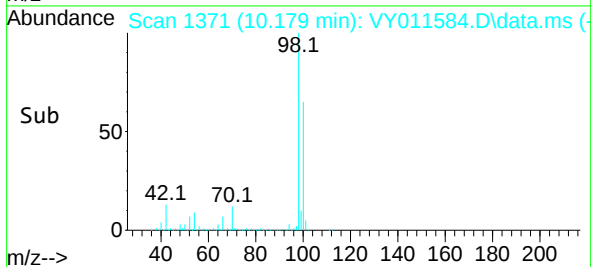
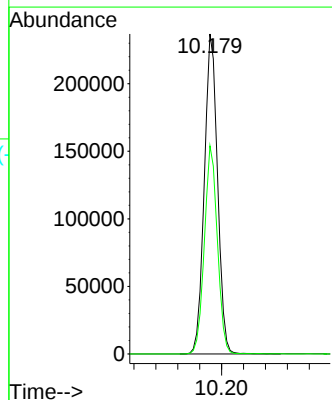
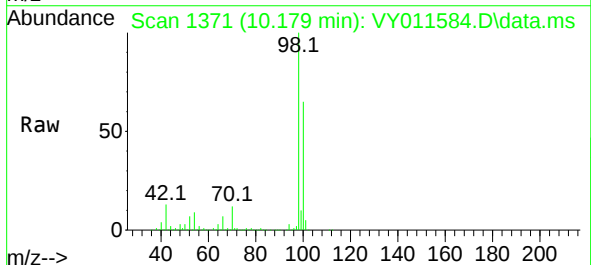
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1

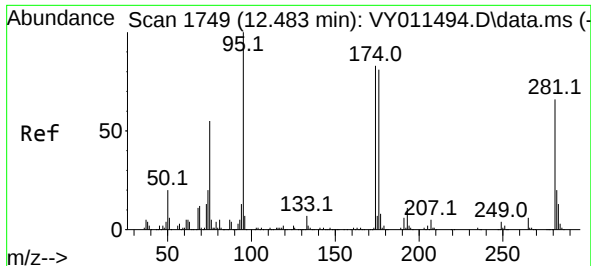
Tgt Ion:113 Resp: 107447
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 53.930 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Tgt Ion: 98 Resp: 395835
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

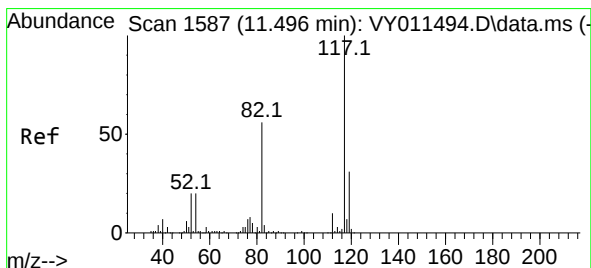
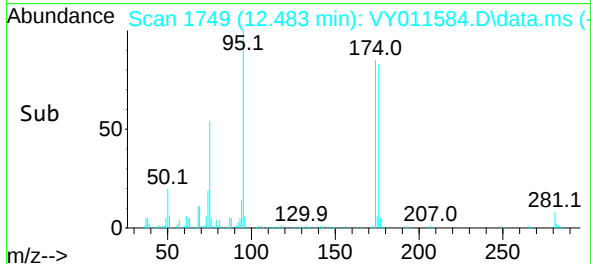
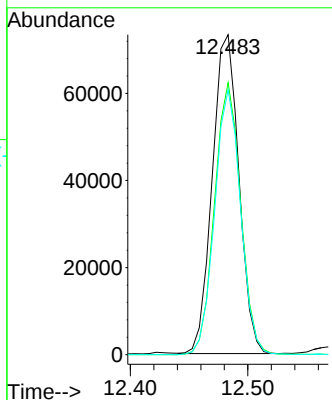
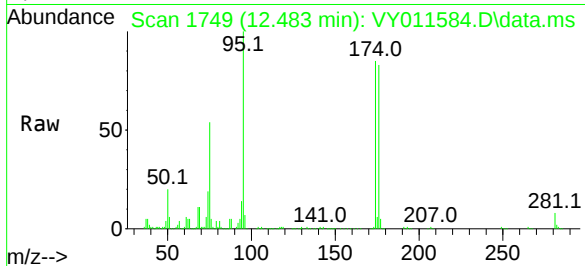




#62
4-Bromofluorobenzene
Concen: 42.396 ug/l
RT: 12.483 min Scan# 115054
Delta R.T. 0.000 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

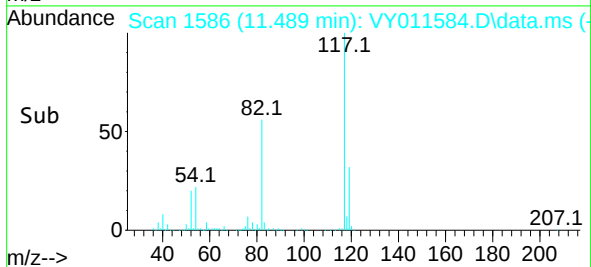
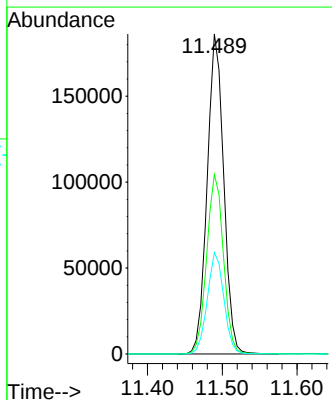
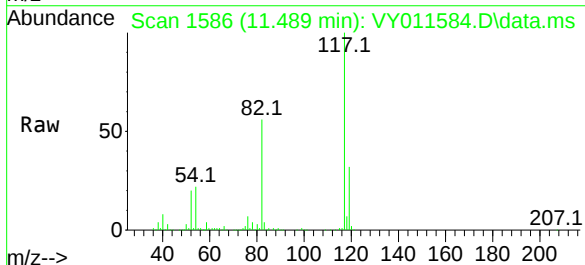
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1

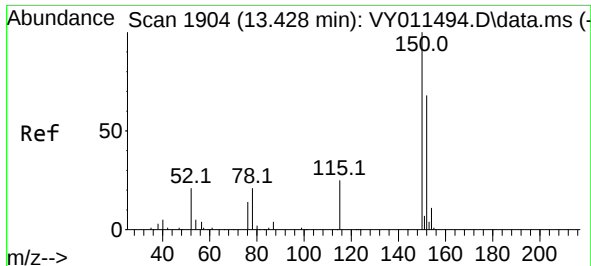
Tgt Ion: 95 Resp: 115054
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 81.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Tgt Ion: 117 Resp: 286631
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 31.7 25.4 38.0

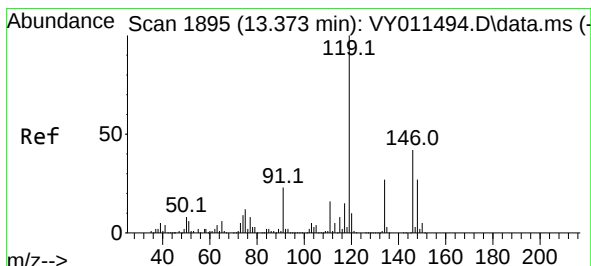
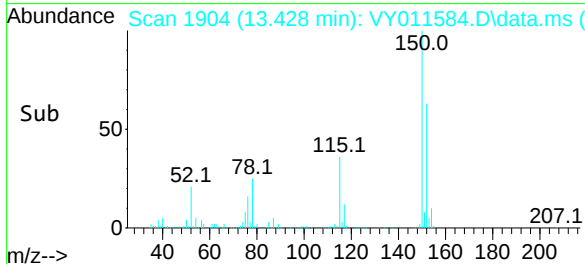
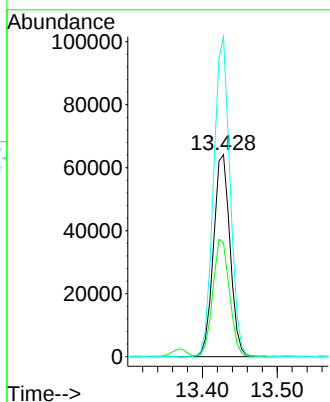
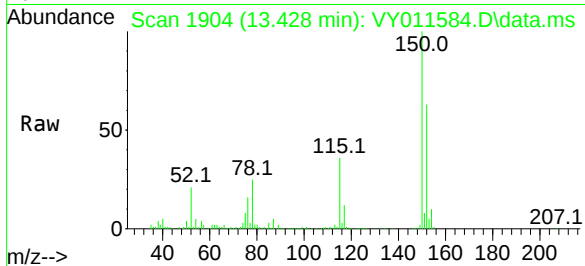




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011584.D
 Acq: 23 Nov 2022 18:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOCATION-1

Tgt Ion:152 Resp: 99209
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 156.9 0.0 347.6



#86
 p-Isopropyltoluene
 Concen: 6.689 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY011584.D
 Acq: 23 Nov 2022 18:41

Tgt Ion:119 Resp: 43882
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 26.7 12.4 37.2

