

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013254.D
 Acq On : 11 Apr 2023 19:44
 Operator : KP/MD
 Sample : 02219-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Apr 12 01:38:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

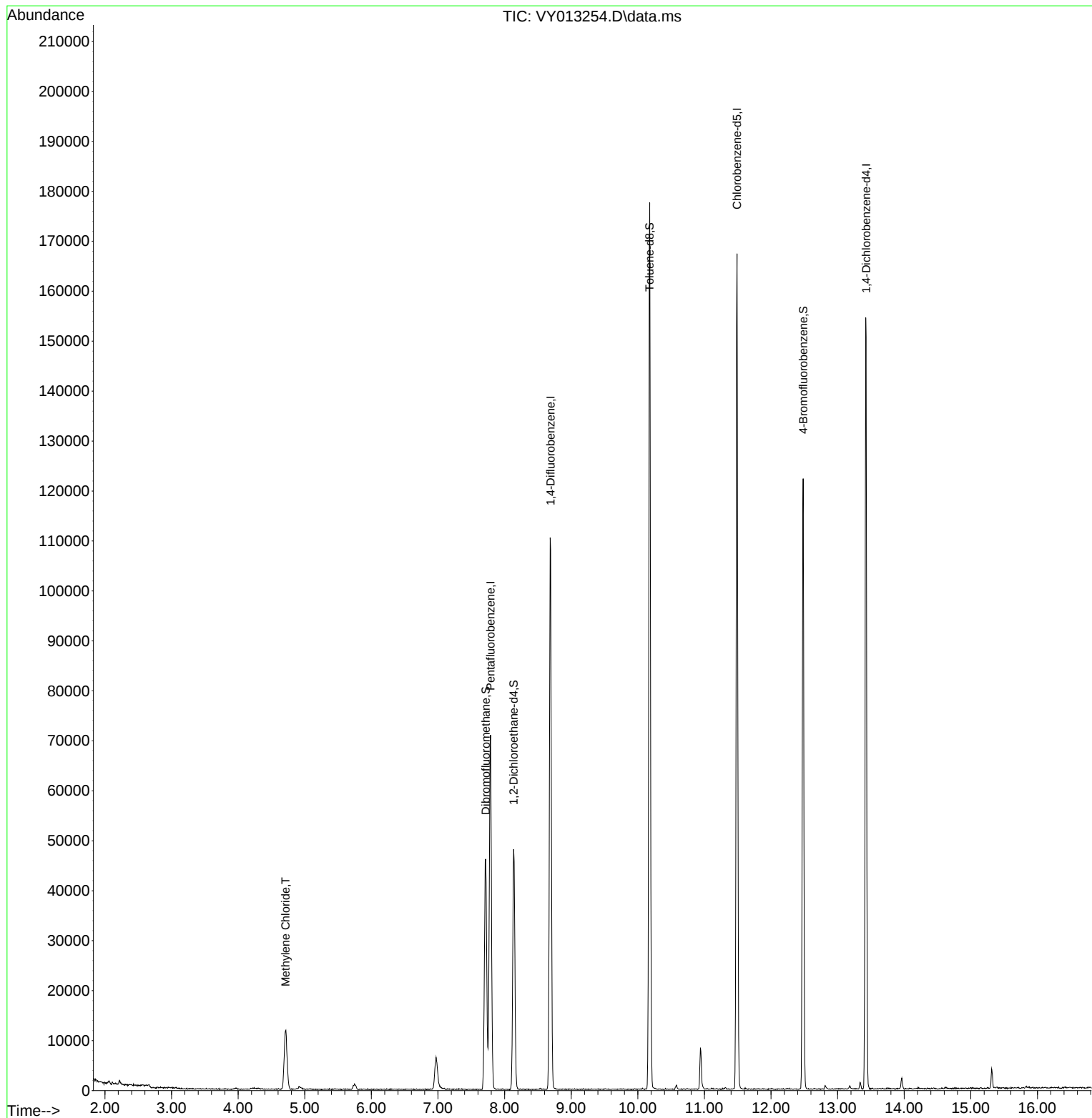
Internal Standards						
1) Pentafluorobenzene	7.789	168	53678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	90516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	86713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38352	63.536	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 127.080%		
35) Dibromofluoromethane	7.716	113	32528	60.119	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 120.240%		
50) Toluene-d8	10.179	98	113288	59.804	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 119.600%		
62) 4-Bromofluorobenzene	12.483	95	34290	50.691	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 101.380%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	8253	6.382	ug/l	97

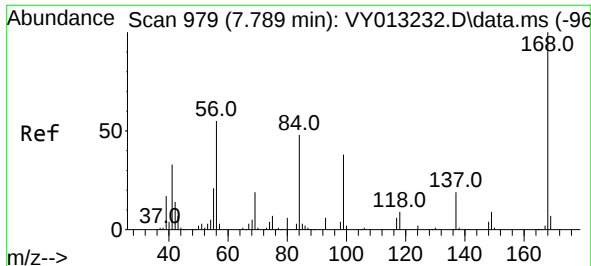
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
Data File : VY013254.D
Acq On : 11 Apr 2023 19:44
Operator : KP/MD
Sample : 02219-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Apr 12 01:38:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 11:59:49 2023
Response via : Initial Calibration

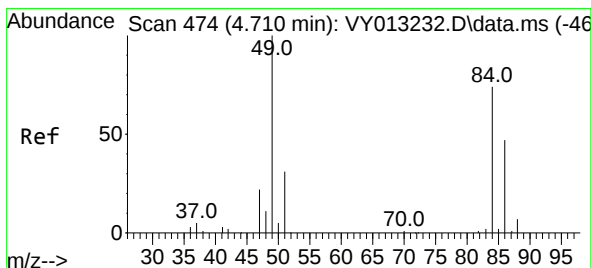
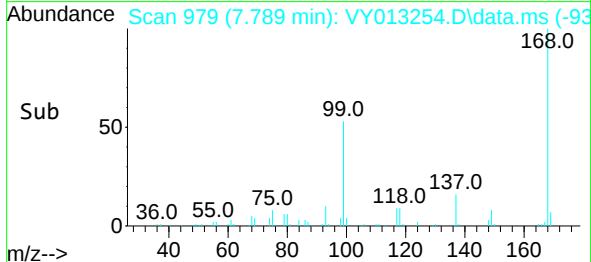
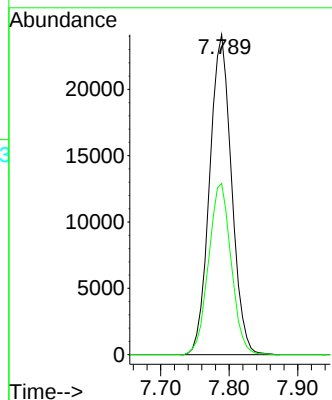
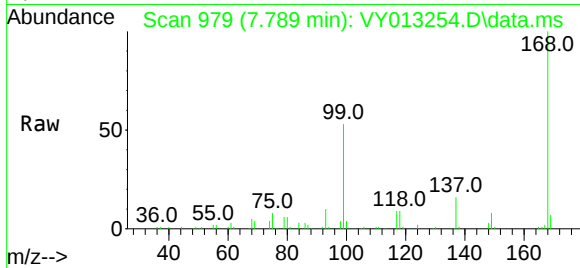




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013254.D
Acq: 11 Apr 2023 19:44

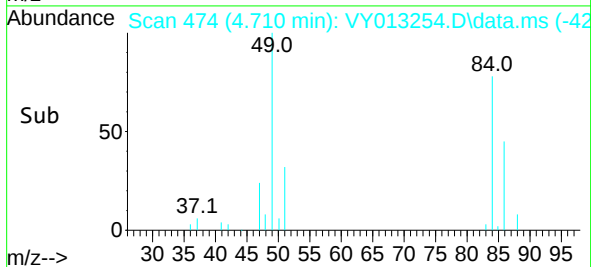
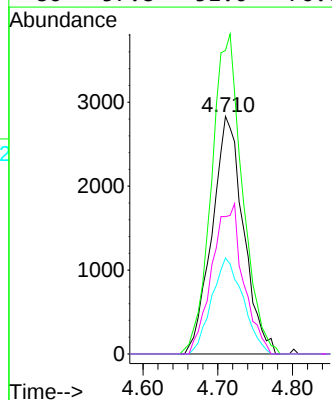
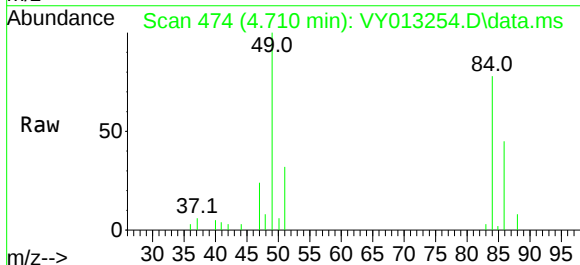
Instrument :
MSVOA_Y
ClientSampleId :
VOC

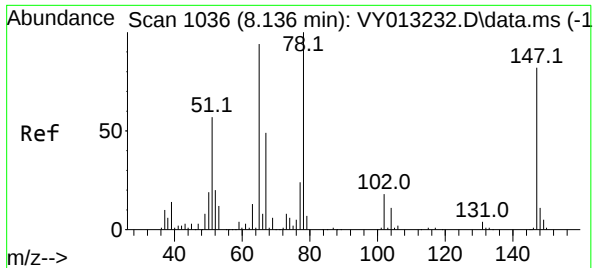
Tgt Ion:168 Resp: 53678
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#20
Methylene Chloride
Concen: 6.382 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013254.D
Acq: 11 Apr 2023 19:44

Tgt Ion: 84 Resp: 8253
Ion Ratio Lower Upper
84 100
49 127.8 102.6 154.0
51 40.4 31.9 47.9
86 57.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 63.536 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013254.D

Acq: 11 Apr 2023 19:44

Instrument :

MSVOA_Y

ClientSampleId :

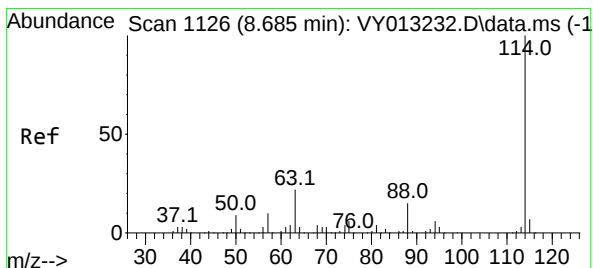
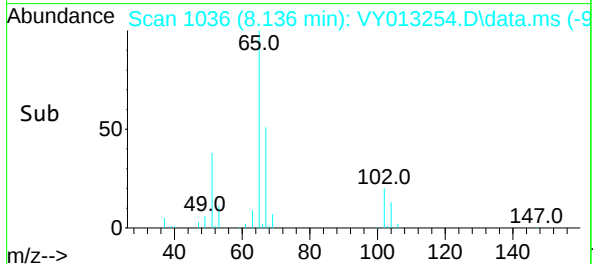
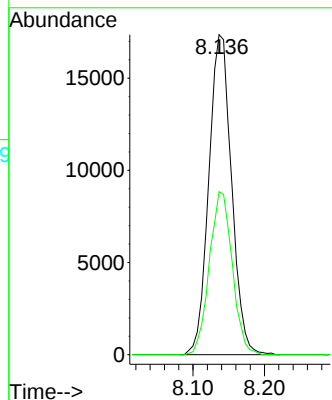
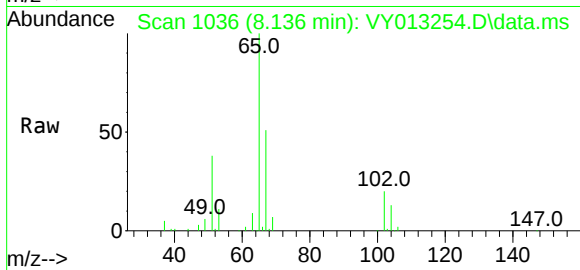
VOC

Tgt Ion: 65 Resp: 38352

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013254.D

Acq: 11 Apr 2023 19:44

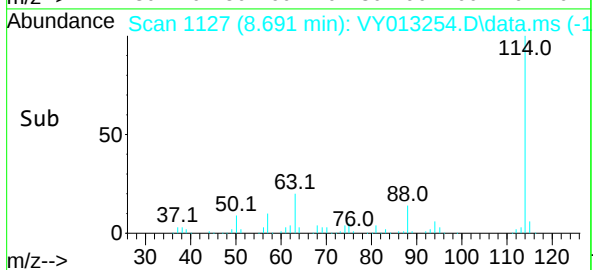
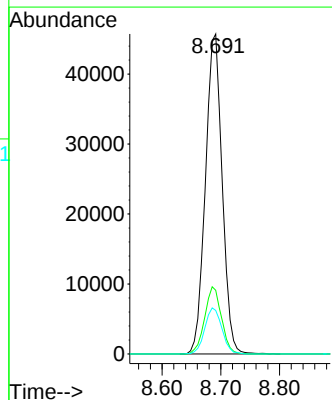
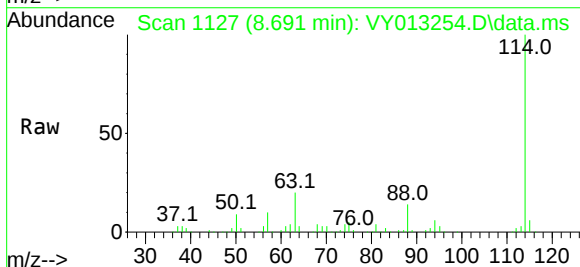
Tgt Ion: 114 Resp: 90516

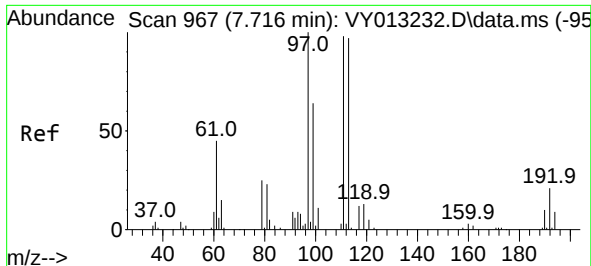
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 13.6 0.0 28.6

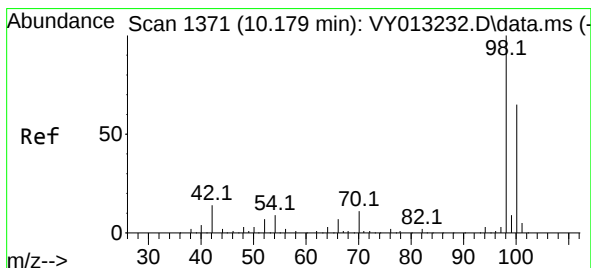
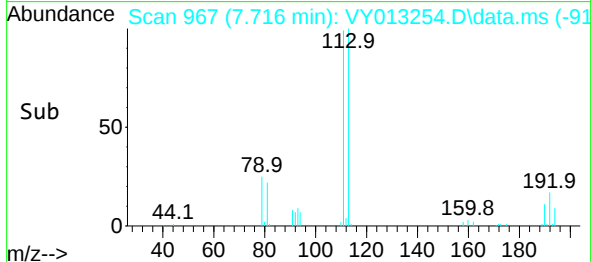
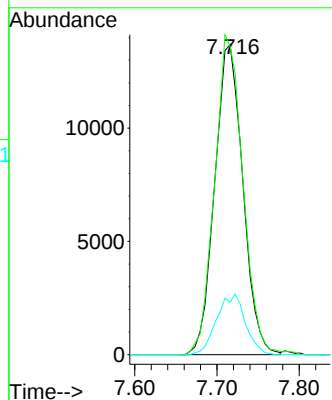
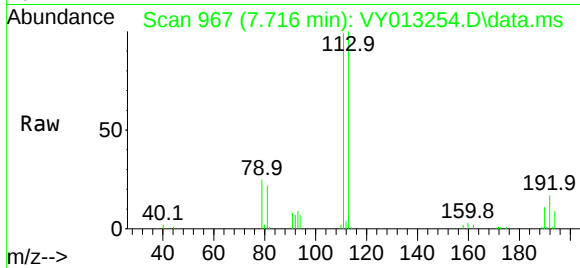




#35
Dibromofluoromethane
Concen: 60.119 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013254.D
Acq: 11 Apr 2023 19:44

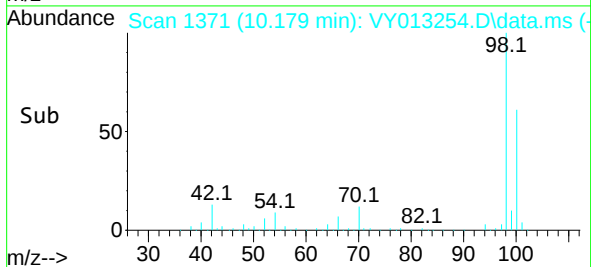
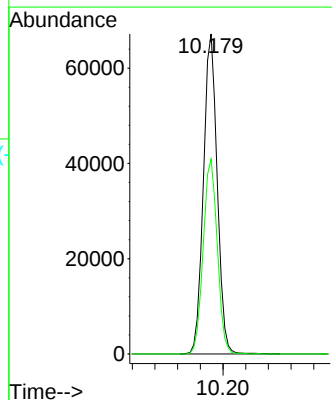
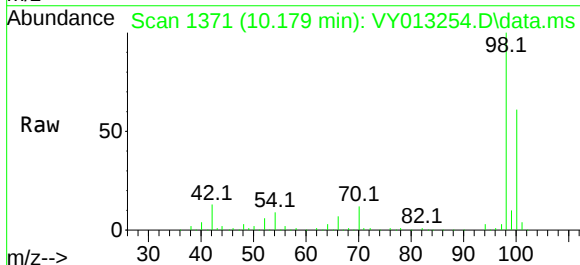
Instrument :
MSVOA_Y
ClientSampleId :
VOC

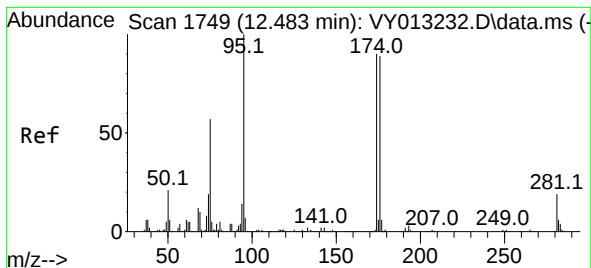
Tgt Ion:113 Resp: 32528
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.9 16.8 25.2



#50
Toluene-d8
Concen: 59.804 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013254.D
Acq: 11 Apr 2023 19:44

Tgt Ion: 98 Resp: 113288
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3

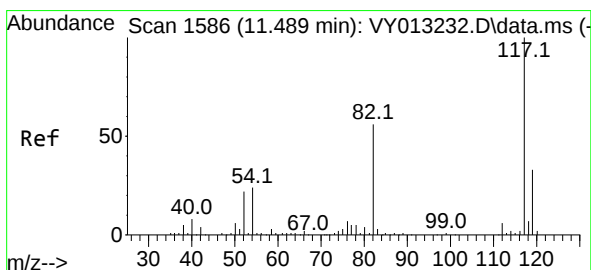
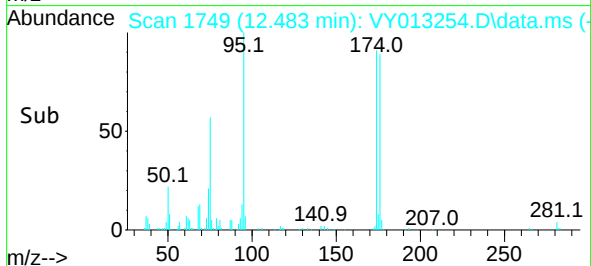
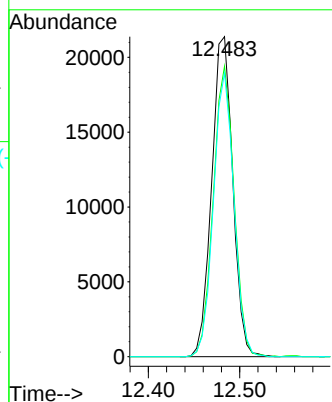
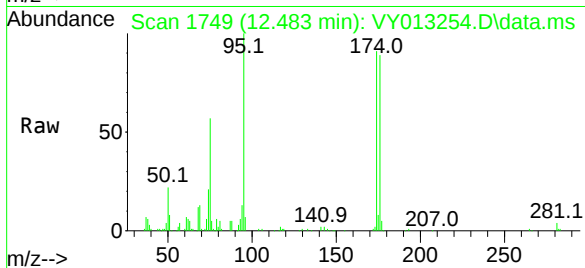




#62
4-Bromofluorobenzene
Concen: 50.691 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013254.D
Acq: 11 Apr 2023 19:44

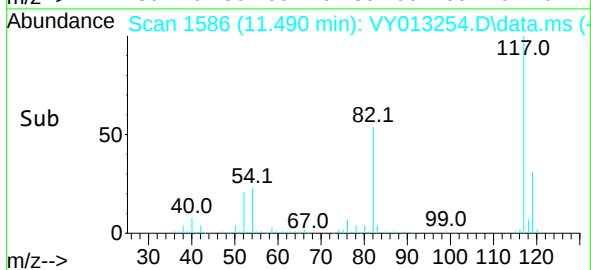
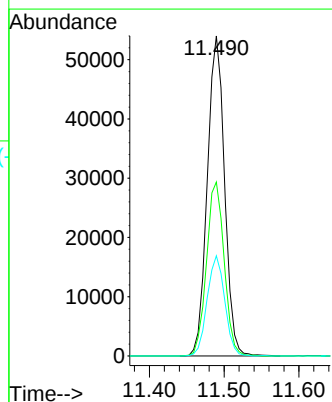
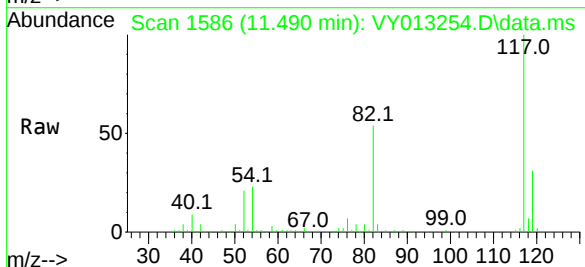
Instrument :
MSVOA_Y
ClientSampleId :
VOC

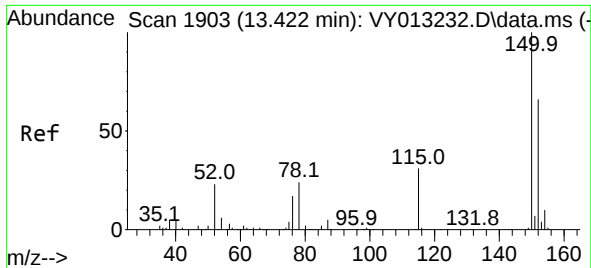
Tgt Ion: 95 Resp: 34290
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.6
176 86.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013254.D
Acq: 11 Apr 2023 19:44

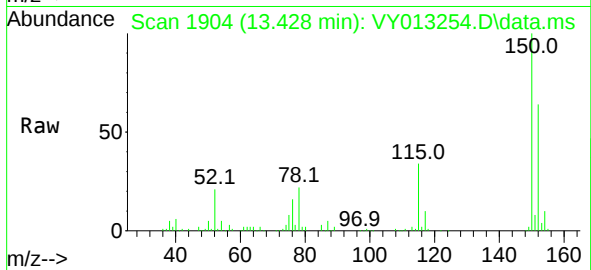
Tgt Ion: 117 Resp: 86713
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.0
119 31.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY013254.D
 Acq: 11 Apr 2023 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC



Tgt Ion:152 Resp: 38810
 Ion Ratio Lower Upper
 152 100
 115 56.0 27.1 81.3
 150 154.6 0.0 347.8

