

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016110.D
 Acq On : 27 Oct 2023 17:43
 Operator : SY/MD
 Sample : 05107-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1049

Quant Time: Oct 30 06:10:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

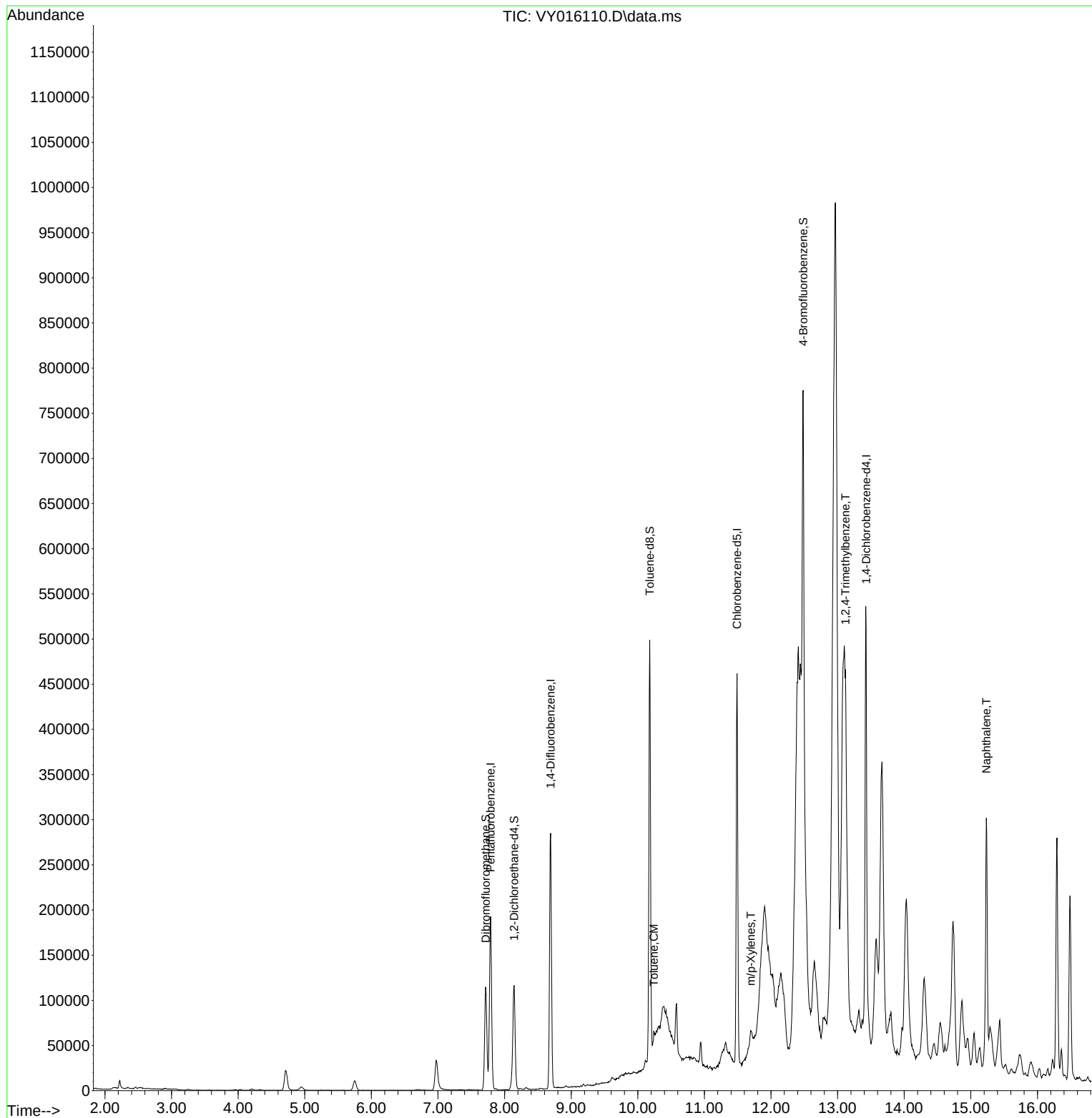
Internal Standards						
1) Pentafluorobenzene	7.789	168	150966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	240753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84760	56.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.920%	
35) Dibromofluoromethane	7.716	113	81615	50.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.178	98	305331	51.324	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	12.483	95	110770	54.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.560%	
Target Compounds						
					Qvalue	
52) Toluene	10.239	92	5238	1.287	ug/l	96
68) m/p-Xylenes	11.697	106	4511	1.387	ug/l	90
84) 1,2,4-Trimethylbenzene	13.117	105	12499	1.860	ug/l	86
95) Naphthalene	15.232	128	226484	54.884	ug/l	99

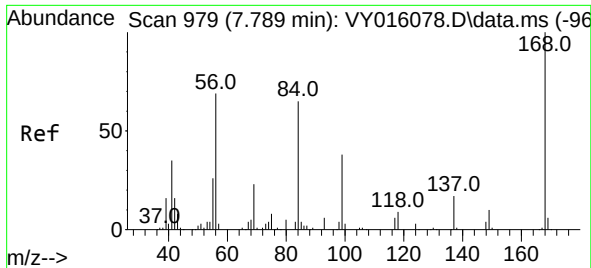
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016110.D
Acq On : 27 Oct 2023 17:43
Operator : SY/MD
Sample : 05107-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1049

Quant Time: Oct 30 06:10:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration

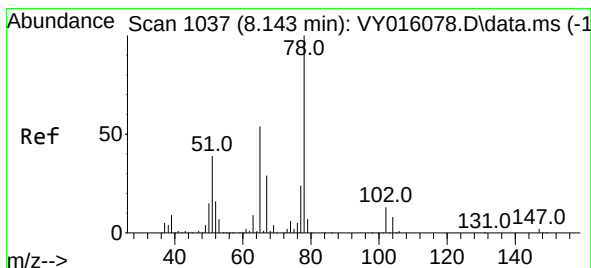
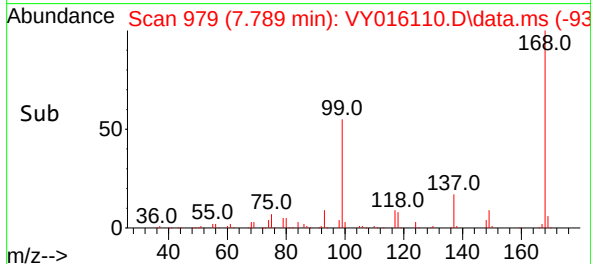
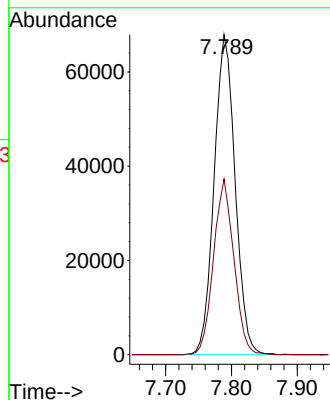
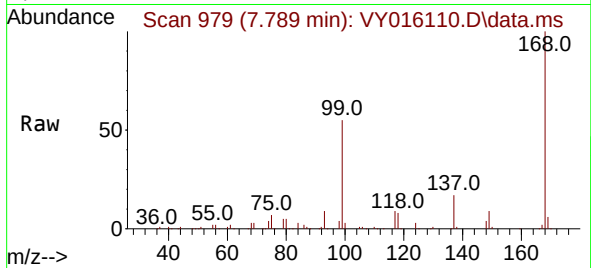




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016110.D
Acq: 27 Oct 2023 17:43

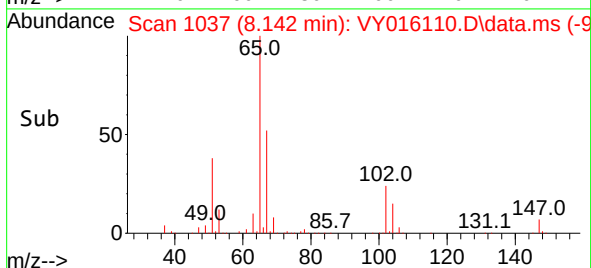
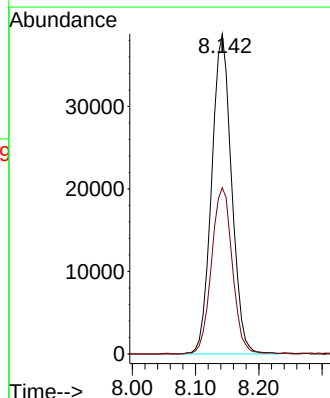
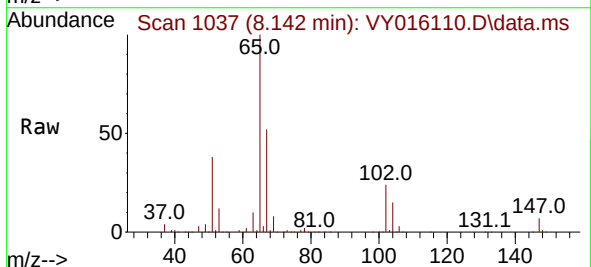
Instrument :
MSVOA_Y
ClientSampleId :
1049

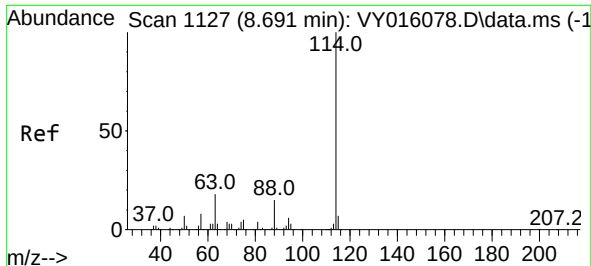
Tgt Ion:168 Resp: 150966
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.463 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016110.D
Acq: 27 Oct 2023 17:43

Tgt Ion: 65 Resp: 84760
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016110.D

Acq: 27 Oct 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

1049

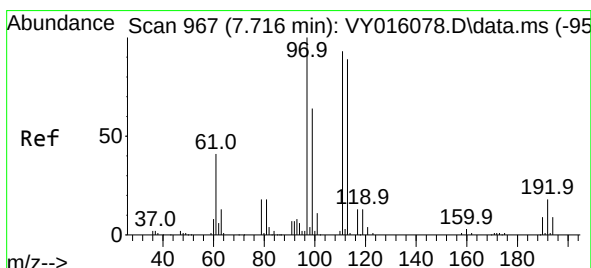
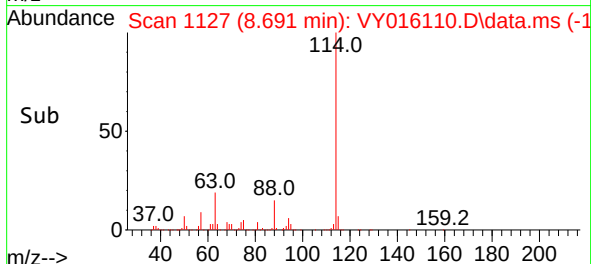
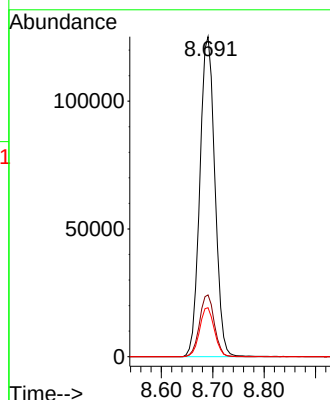
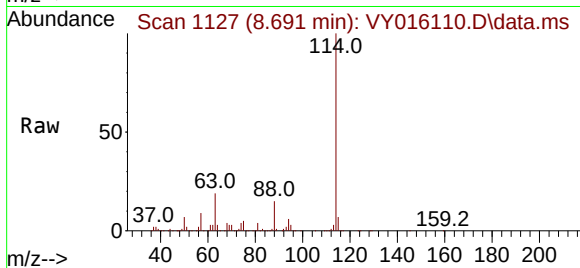
Tgt Ion:114 Resp: 254406

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.817 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016110.D

Acq: 27 Oct 2023 17:43

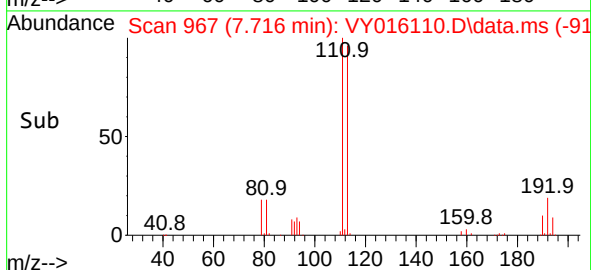
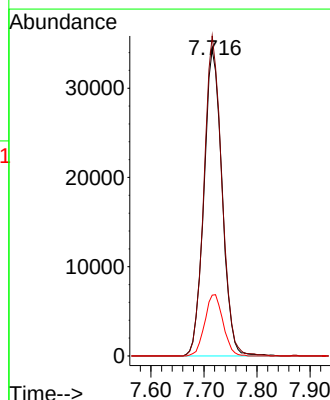
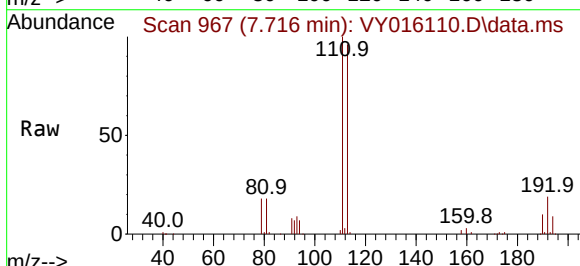
Tgt Ion:113 Resp: 81615

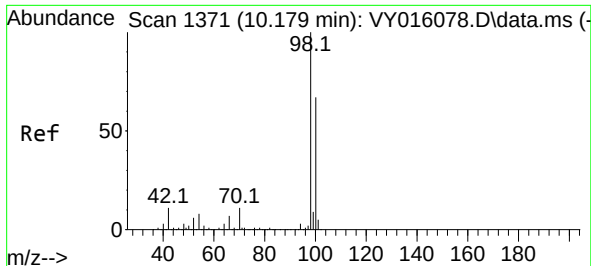
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 20.2 16.9 25.3

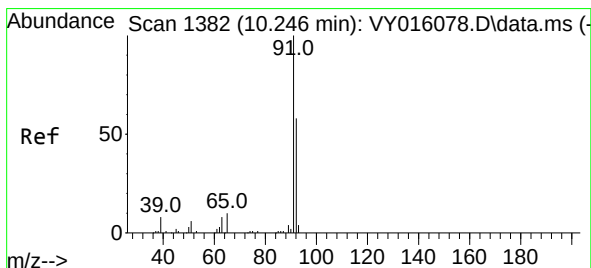
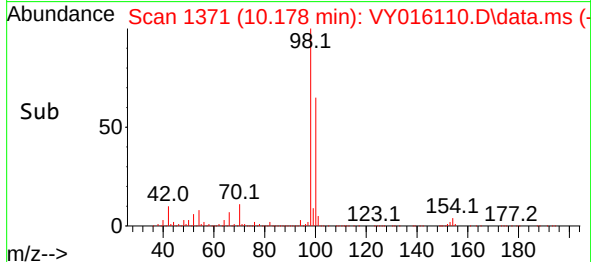
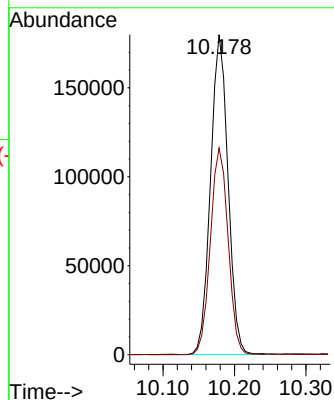
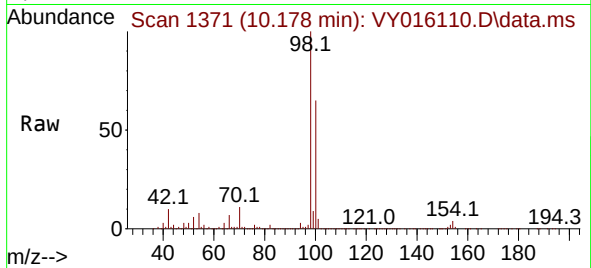




#50
Toluene-d8
Concen: 51.324 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016110.D
Acq: 27 Oct 2023 17:43

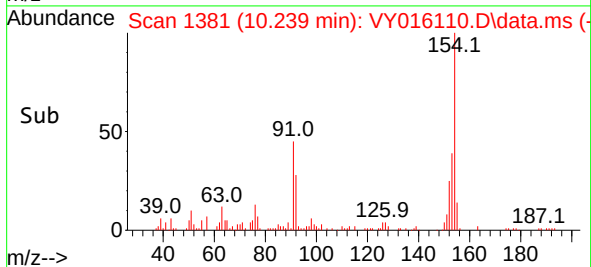
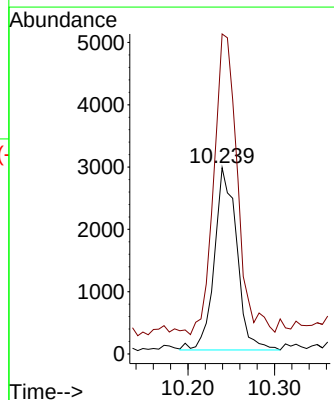
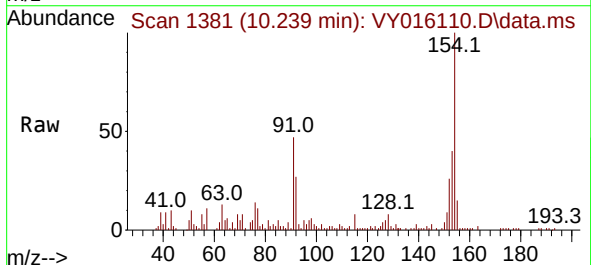
Instrument :
MSVOA_Y
ClientSampleId :
1049

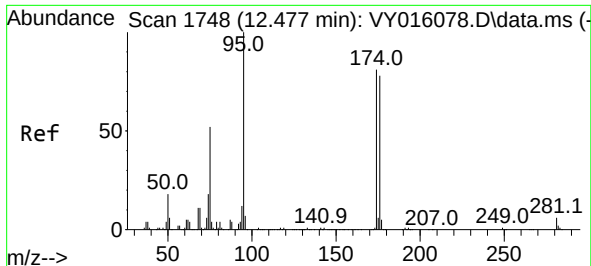
Tgt Ion: 98 Resp: 305331
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#52
Toluene
Concen: 1.287 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY016110.D
Acq: 27 Oct 2023 17:43

Tgt Ion: 92 Resp: 5238
Ion Ratio Lower Upper
92 100
91 173.9 143.8 215.6

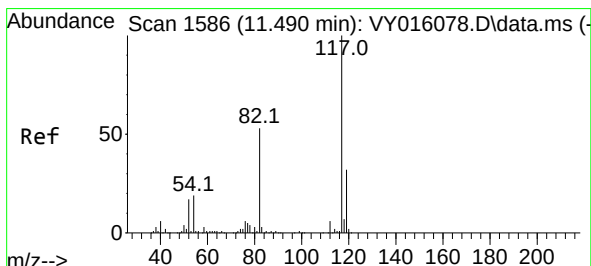
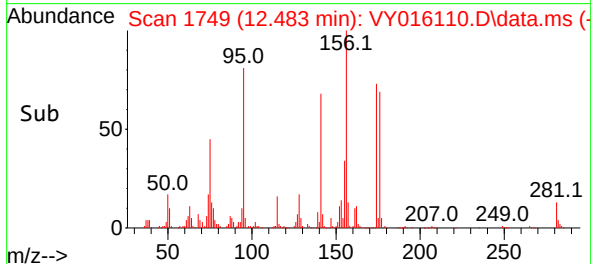
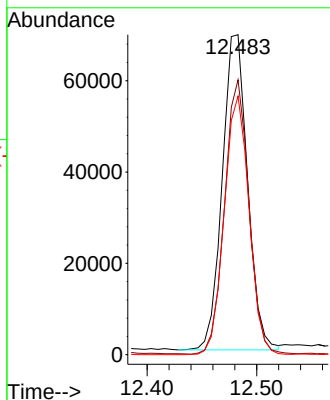
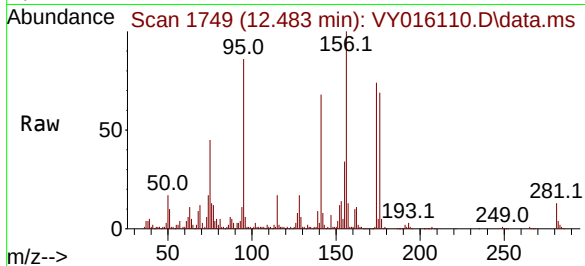




#62
4-Bromofluorobenzene
Concen: 54.281 ug/l
RT: 12.483 min Scan# 11049
Delta R.T. 0.006 min
Lab File: VY016110.D
Acq: 27 Oct 2023 17:43

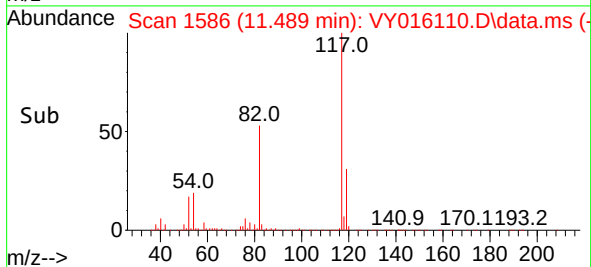
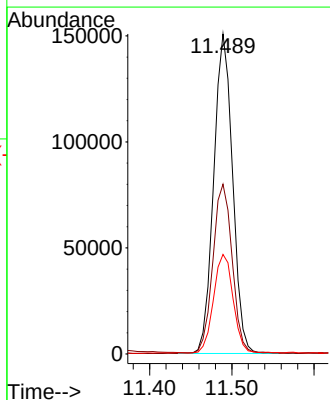
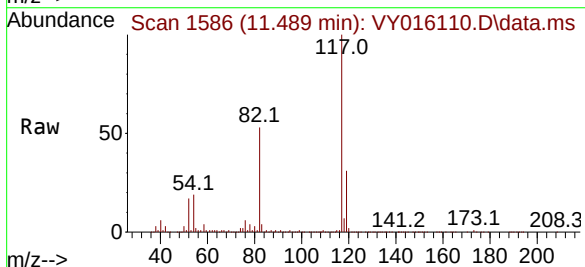
Instrument :
MSVOA_Y
ClientSampleId :
1049

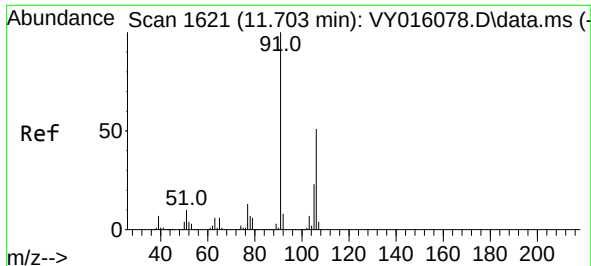
Tgt Ion: 95 Resp: 110770
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 80.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016110.D
Acq: 27 Oct 2023 17:43

Tgt Ion: 117 Resp: 240753
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 30.9 26.3 39.5

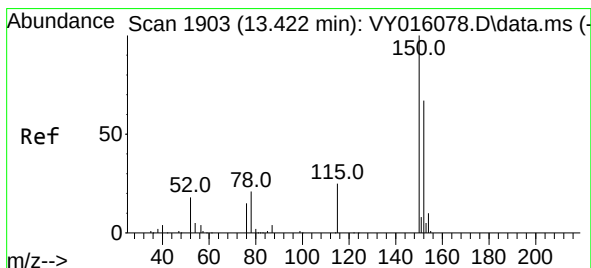
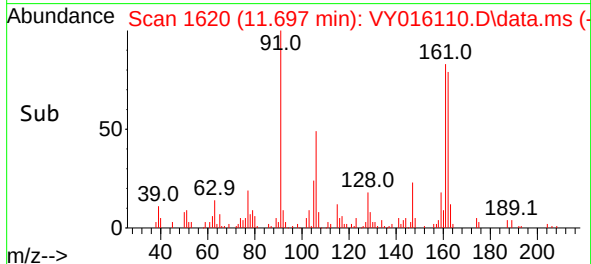
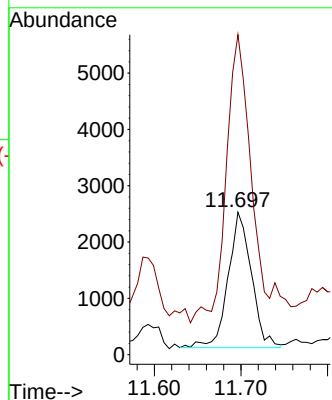
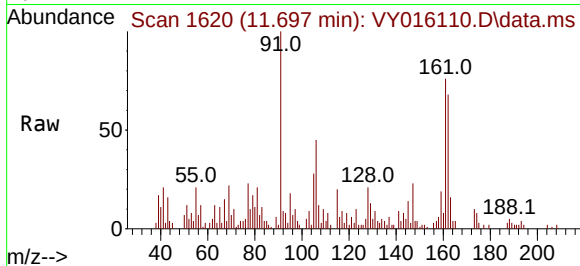




#68
m/p-Xylenes
Concen: 1.387 ug/l
RT: 11.697 min Scan# 11049
Delta R.T. -0.006 min
Lab File: VY016110.D
Acq: 27 Oct 2023 17:43

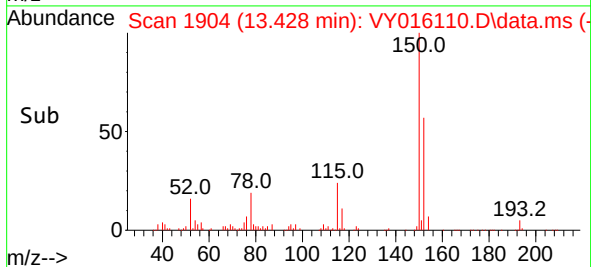
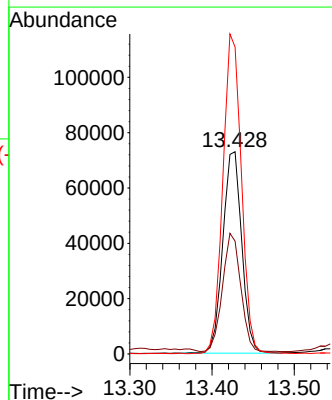
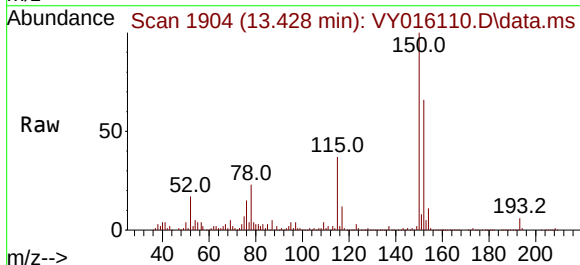
Instrument :
MSVOA_Y
ClientSampleId :
1049

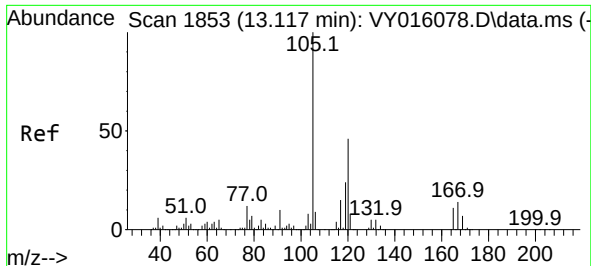
Tgt Ion:106 Resp: 4511
Ion Ratio Lower Upper
106 100
91 222.6 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016110.D
Acq: 27 Oct 2023 17:43

Tgt Ion:152 Resp: 116474
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 155.0 0.0 348.8

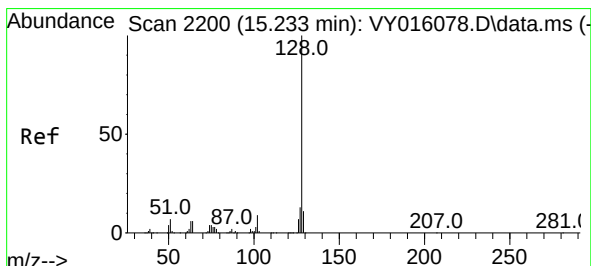
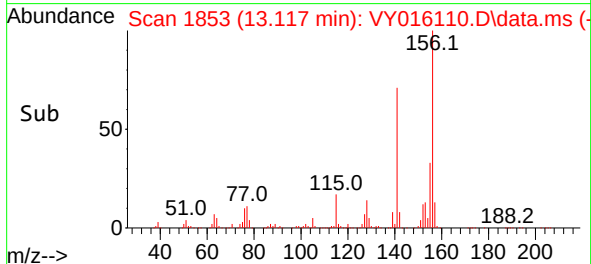
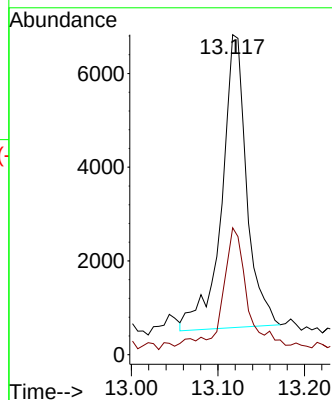
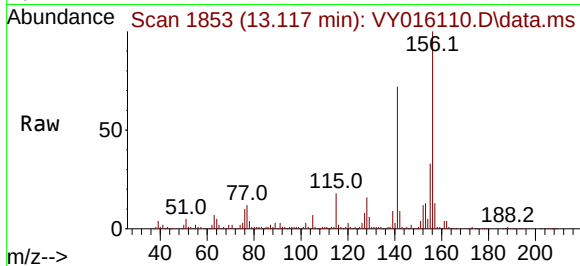




#84
1,2,4-Trimethylbenzene
Concen: 1.860 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY016110.D
Acq: 27 Oct 2023 17:43

Instrument :
MSVOA_Y
ClientSampleId :
1049

Tgt Ion:105 Resp: 12499
Ion Ratio Lower Upper
105 100
120 35.5 22.2 66.6



#95
Naphthalene
Concen: 54.884 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY016110.D
Acq: 27 Oct 2023 17:43

Tgt Ion:128 Resp: 226484
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0

