

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013623.D
 Acq On : 05 May 2023 14:21
 Operator : KP/MD
 Sample : 02622-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2264

Quant Time: May 08 00:24:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

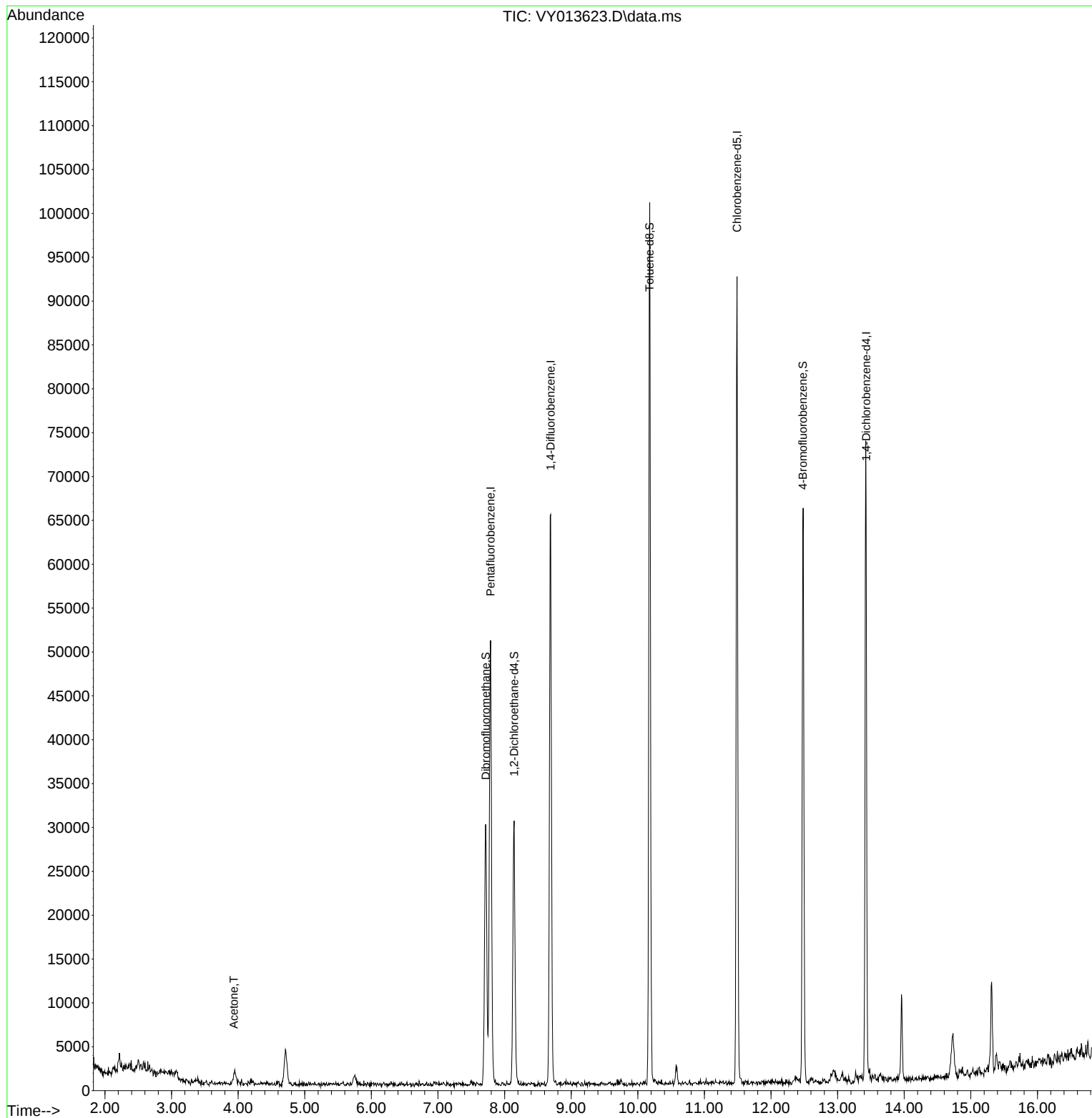
Internal Standards						
1) Pentafluorobenzene	7.789	168	39688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	56183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	24097	55.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.780%	
35) Dibromofluoromethane	7.716	113	20167	57.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.140%	
50) Toluene-d8	10.179	98	67111	53.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.780%	
62) 4-Bromofluorobenzene	12.477	95	18332	43.257	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.520%	
Target Compounds						
16) Acetone	3.936	43	2770	16.167	ug/l	Qvalue # 68

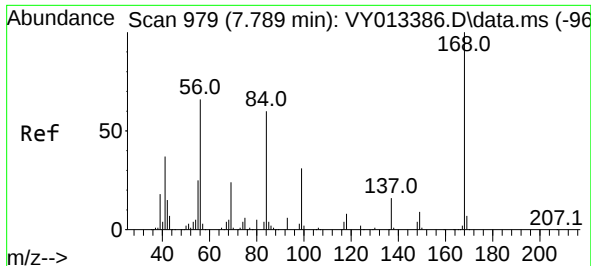
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
Data File : VY013623.D
Acq On : 05 May 2023 14:21
Operator : KP/MD
Sample : 02622-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
2264

Quant Time: May 08 00:24:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

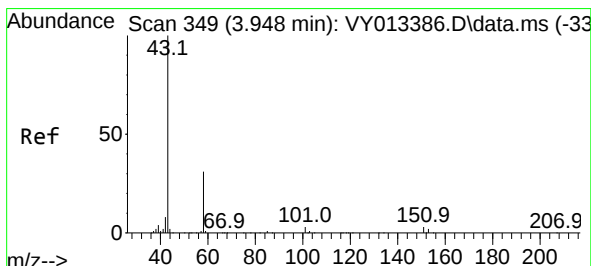
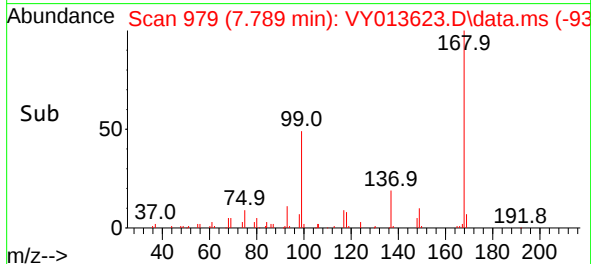
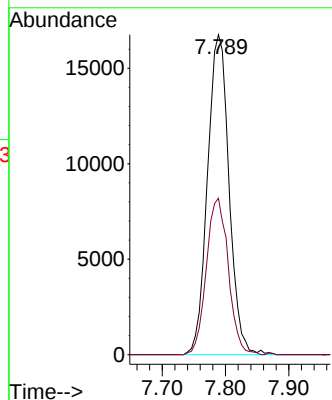
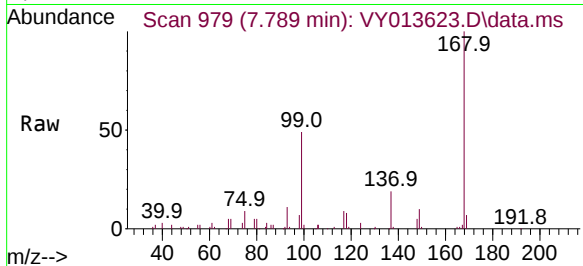




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013623.D
Acq: 05 May 2023 14:21

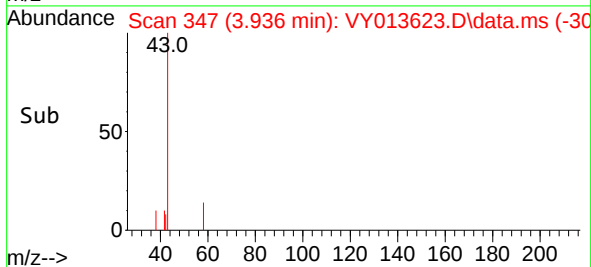
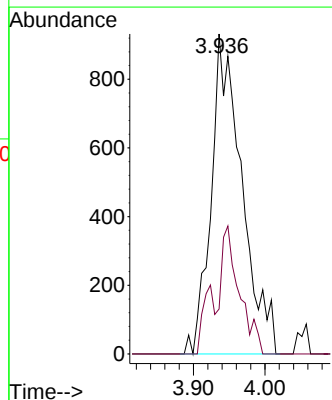
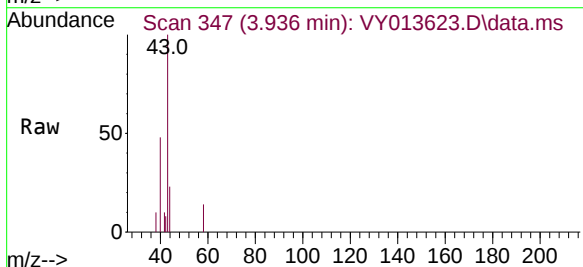
Instrument :
MSVOA_Y
ClientSampleId :
2264

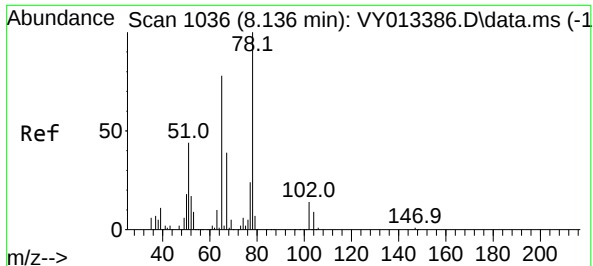
Tgt Ion:168 Resp: 39688
Ion Ratio Lower Upper
168 100
99 48.9 41.8 62.6



#16
Acetone
Concen: 16.167 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY013623.D
Acq: 05 May 2023 14:21

Tgt Ion: 43 Resp: 2770
Ion Ratio Lower Upper
43 100
58 14.1 25.4 38.0#





#33

1,2-Dichloroethane-d4

Concen: 55.387 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013623.D

Acq: 05 May 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

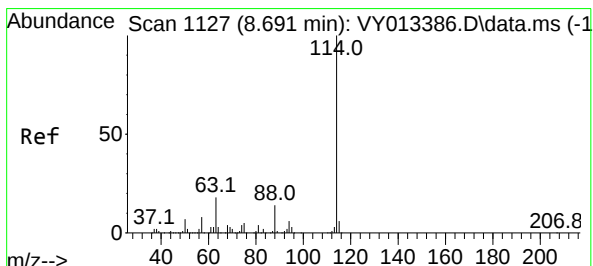
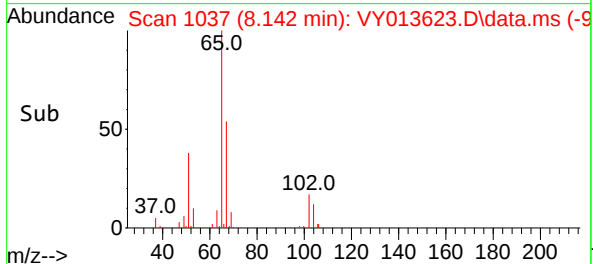
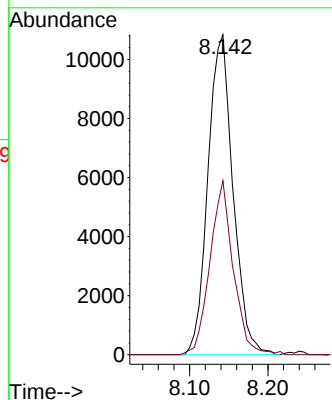
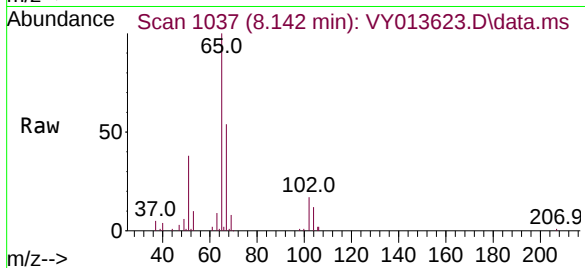
2264

Tgt Ion: 65 Resp: 24097

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013623.D

Acq: 05 May 2023 14:21

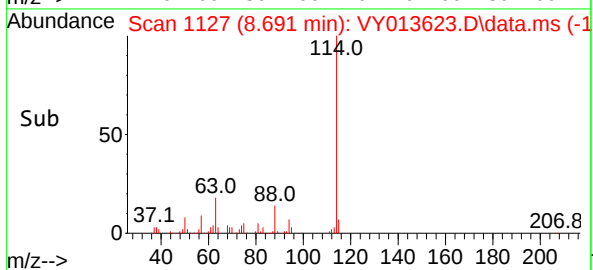
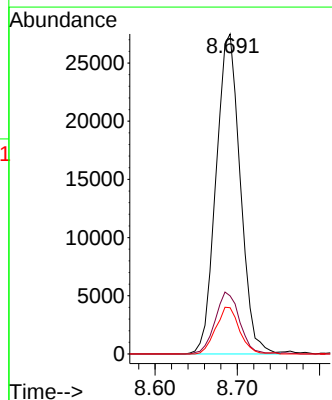
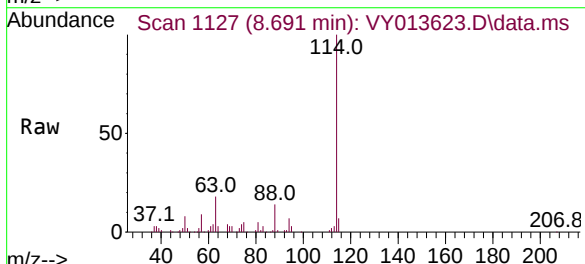
Tgt Ion: 114 Resp: 56183

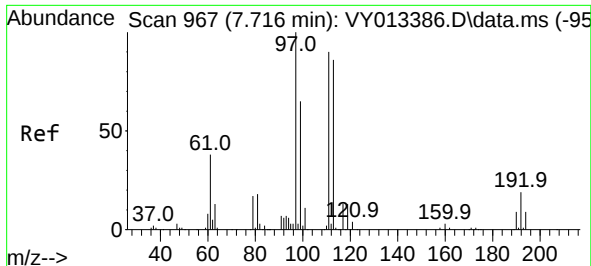
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 14.4 0.0 28.8

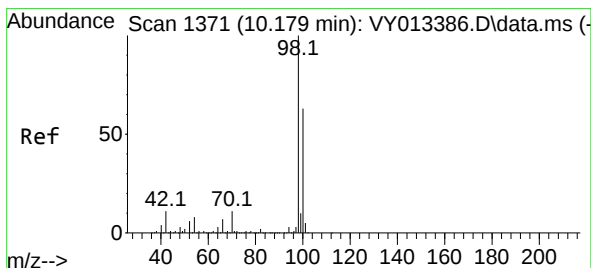
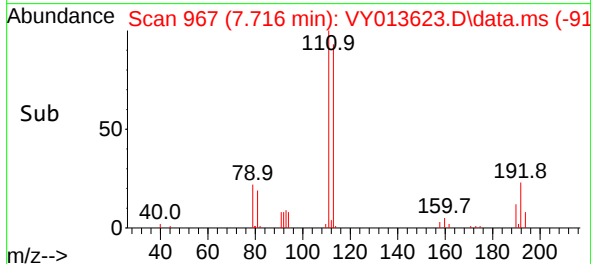
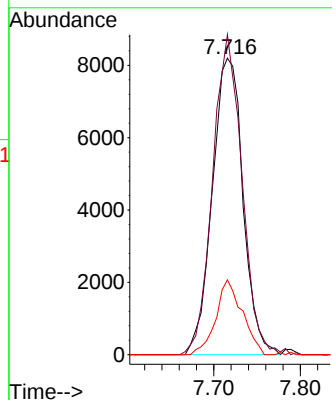
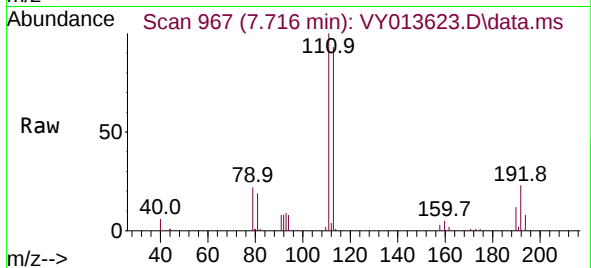




#35
Dibromofluoromethane
Concen: 57.071 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013623.D
Acq: 05 May 2023 14:21

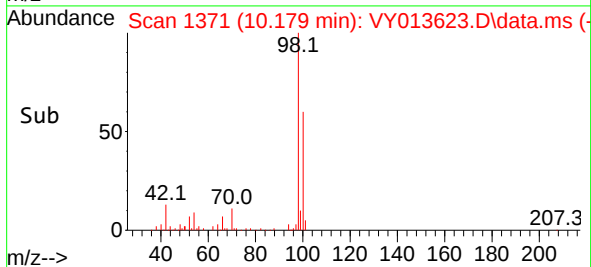
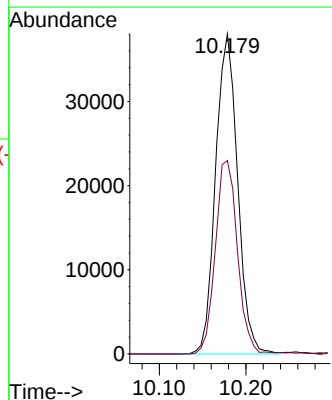
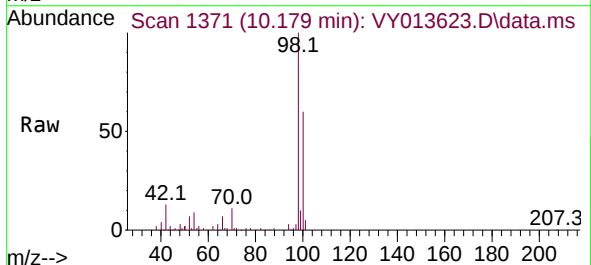
Instrument :
MSVOA_Y
ClientSampleId :
2264

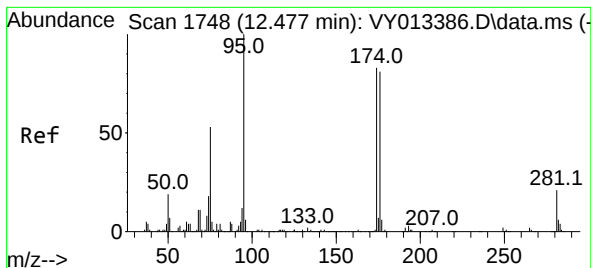
Tgt Ion:113 Resp: 20167
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 21.8 16.7 25.1



#50
Toluene-d8
Concen: 53.387 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013623.D
Acq: 05 May 2023 14:21

Tgt Ion: 98 Resp: 67111
Ion Ratio Lower Upper
98 100
100 61.1 50.5 75.7

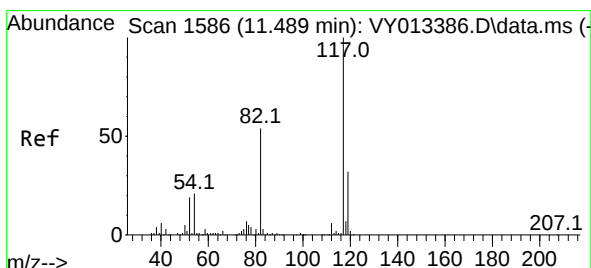
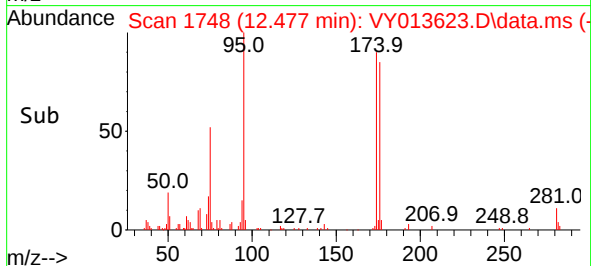
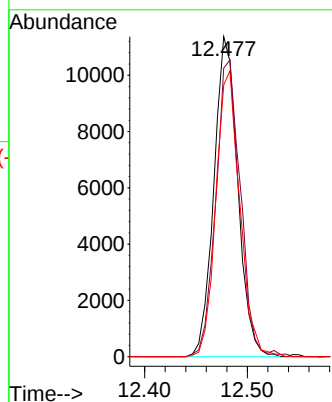
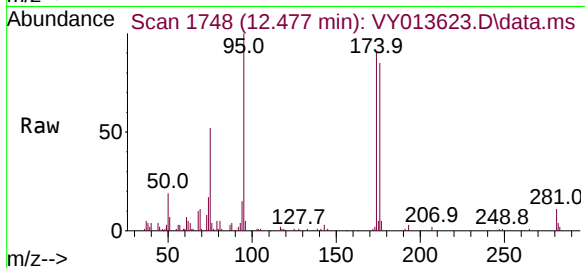




#62
4-Bromofluorobenzene
Concen: 43.257 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013623.D
Acq: 05 May 2023 14:21

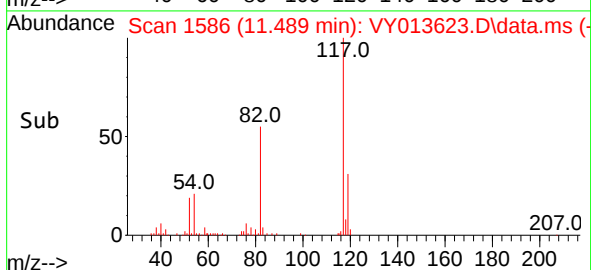
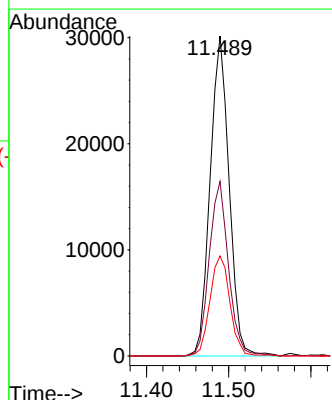
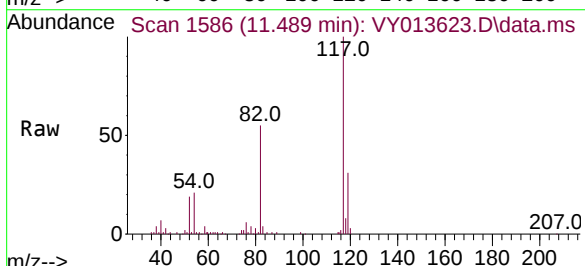
Instrument :
MSVOA_Y
ClientSampleId :
2264

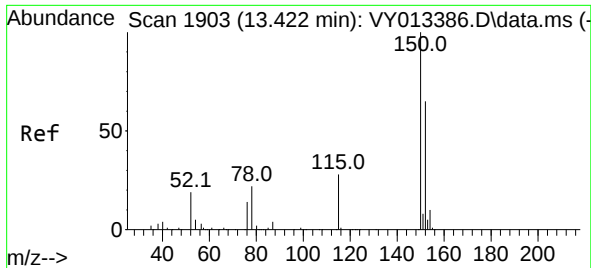
Tgt Ion: 95 Resp: 18332
Ion Ratio Lower Upper
95 100
174 95.7 0.0 182.0
176 89.2 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013623.D
Acq: 05 May 2023 14:21

Tgt Ion: 117 Resp: 48280
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.6
119 31.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013623.D

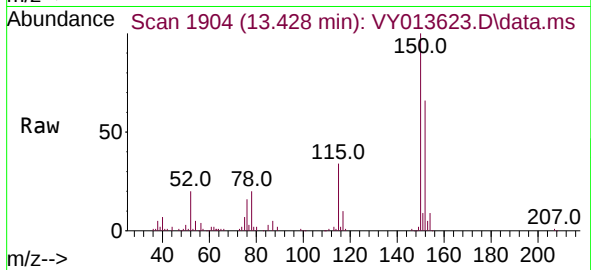
Acq: 05 May 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

2264



Tgt Ion:152 Resp: 18590

Ion Ratio Lower Upper

152 100

115 59.8 28.1 84.2

150 164.1 0.0 352.0

