

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013409.D
 Acq On : 24 Apr 2023 18:37
 Operator : KP/MD
 Sample : 02371-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-21-8.5-9.0

Quant Time: Apr 25 03:16:53 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)

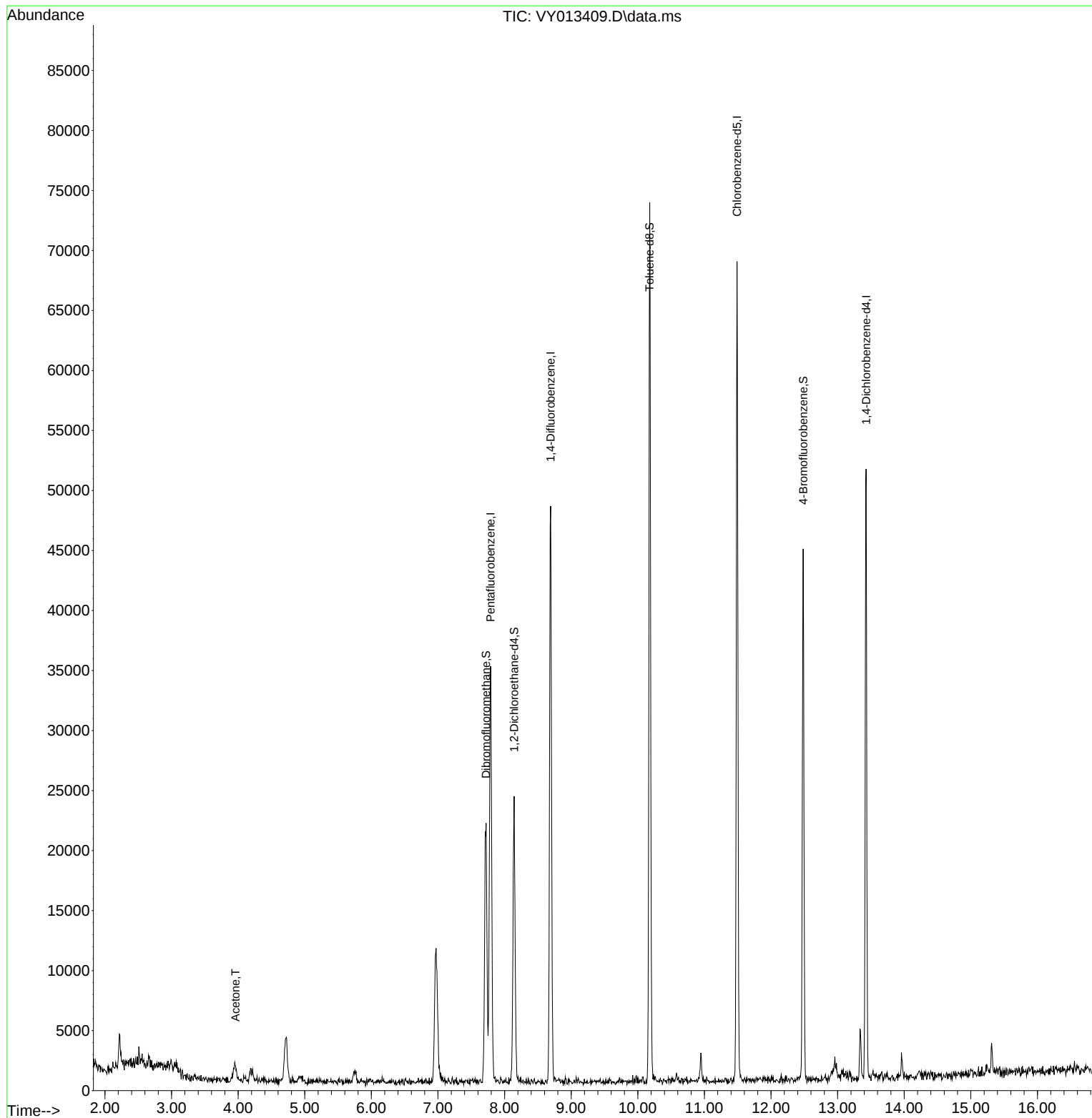
Internal Standards						
1) Pentafluorobenzene	7.789	168	27068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	40633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	36005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18452	62.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.380%	
35) Dibromofluoromethane	7.721	113	15533	60.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.560%	
50) Toluene-d8	10.178	98	48249	53.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.483	95	12829	41.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.720%	
Target Compounds						
16) Acetone	3.960	43	2803	23.987	ug/l	Qvalue 91

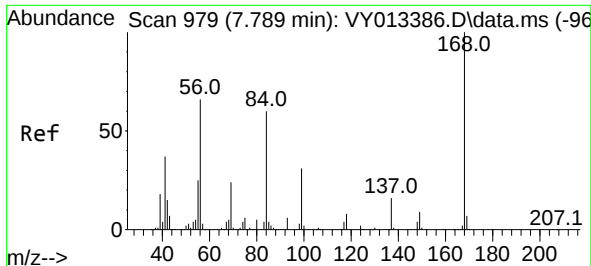
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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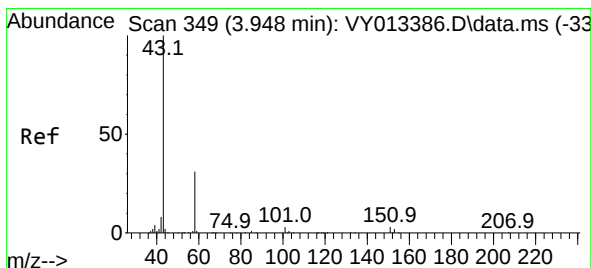
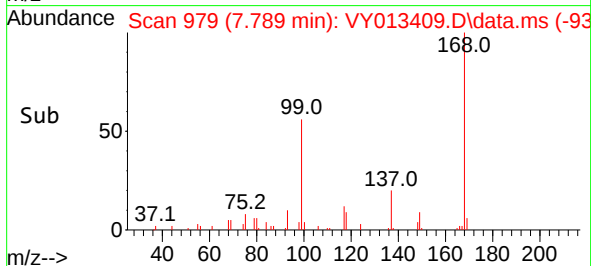
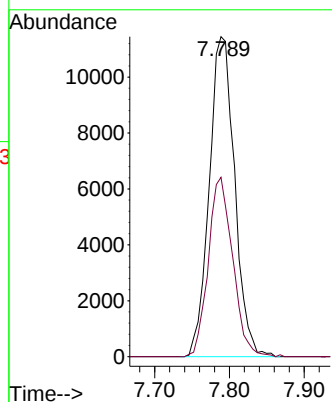
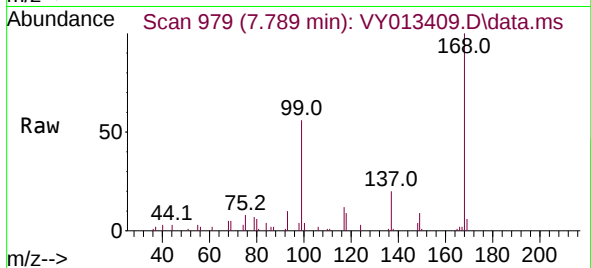




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013409.D
Acq: 24 Apr 2023 18:37

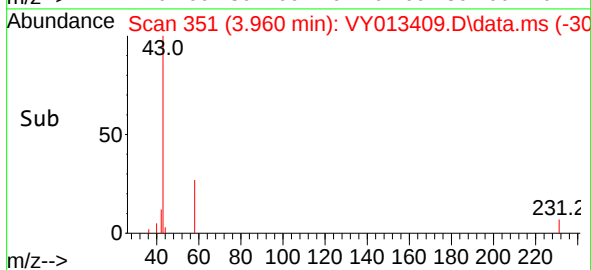
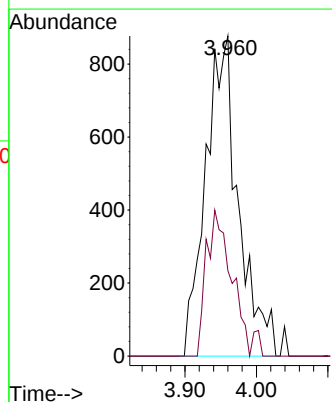
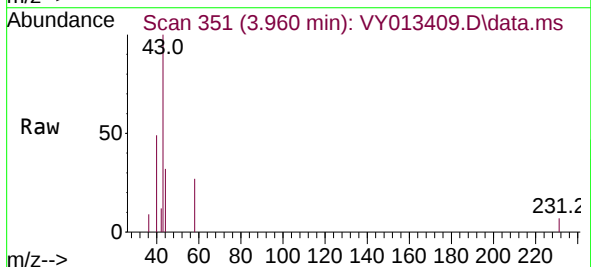
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

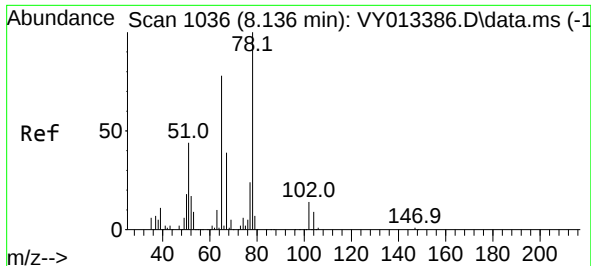
Tgt Ion:168 Resp: 27068
Ion Ratio Lower Upper
168 100
99 56.1 41.8 62.6



#16
Acetone
Concen: 23.987 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013409.D
Acq: 24 Apr 2023 18:37

Tgt Ion: 43 Resp: 2803
Ion Ratio Lower Upper
43 100
58 26.7 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 62.185 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013409.D

Acq: 24 Apr 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

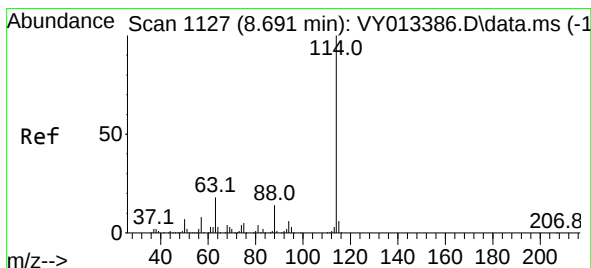
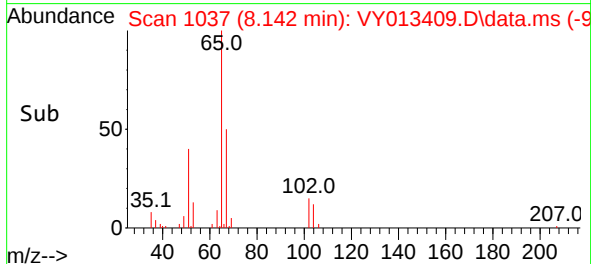
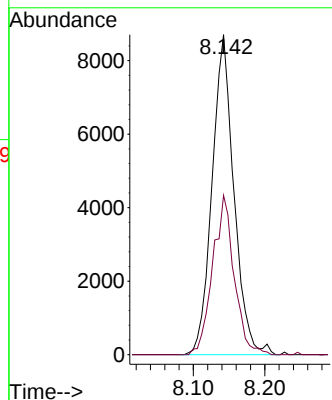
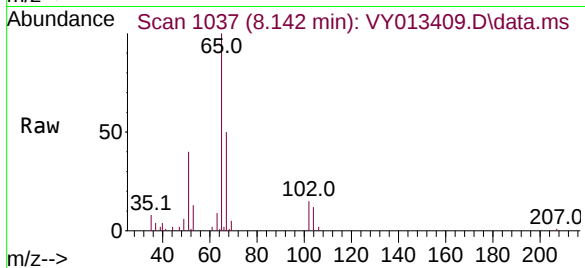
SB-21-8.5-9.0

Tgt Ion: 65 Resp: 18452

Ion Ratio Lower Upper

65 100

67 49.2 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: VY013409.D

Acq: 24 Apr 2023 18:37

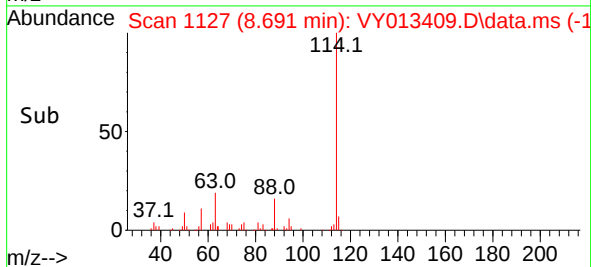
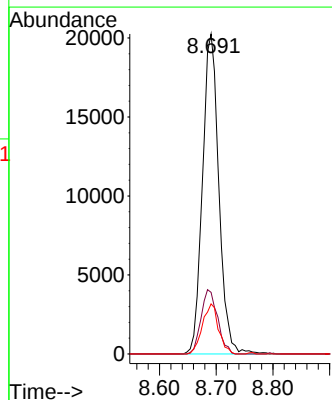
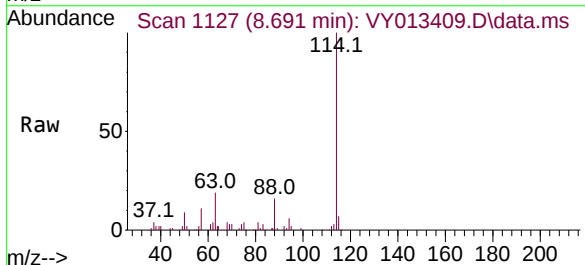
Tgt Ion: 114 Resp: 40633

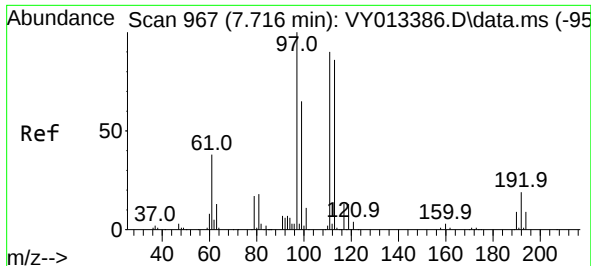
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.6

88 15.7 0.0 28.8

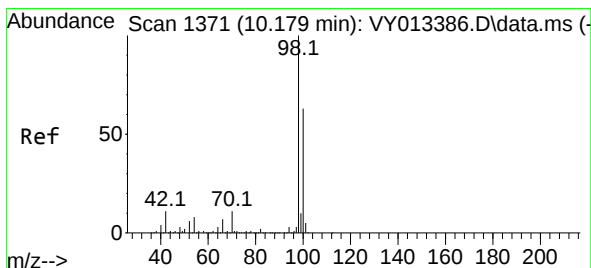
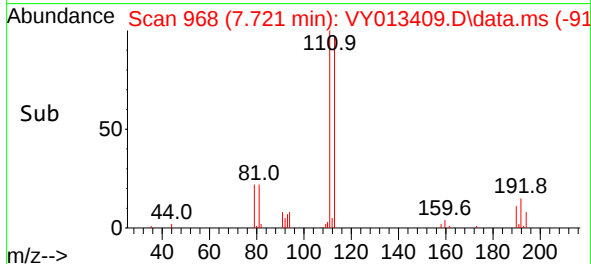
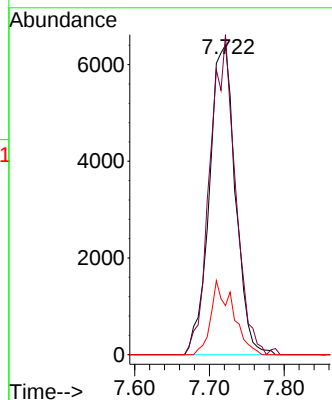
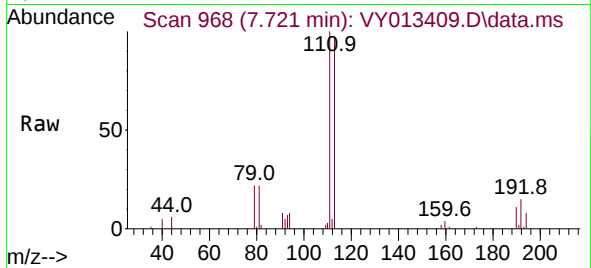




#35
 Dibromofluoromethane
 Concen: 60.780 ug/l
 RT: 7.721 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VY013409.D
 Acq: 24 Apr 2023 18:37

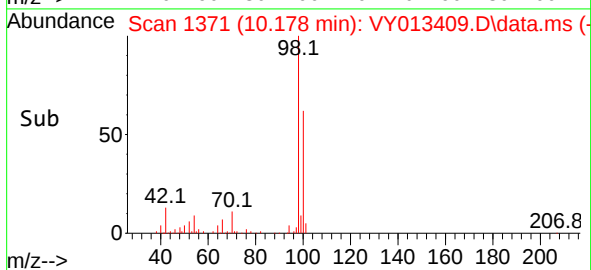
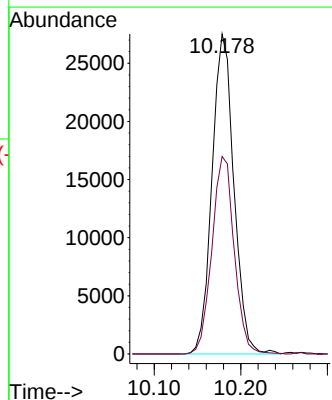
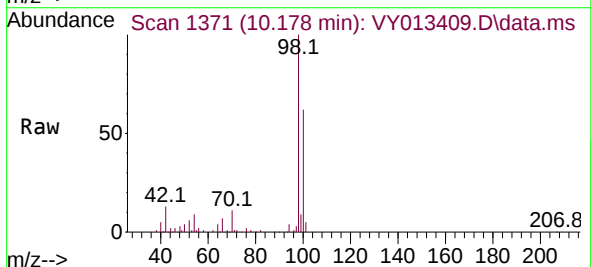
Instrument :
 MSVOA_Y
 ClientSampleId :
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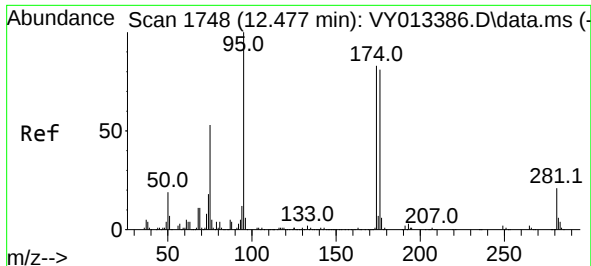
Tgt Ion:113 Resp: 15533
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.2 123.2
 192 20.4 16.7 25.1



#50
 Toluene-d8
 Concen: 53.071 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.001 min
 Lab File: VY013409.D
 Acq: 24 Apr 2023 18:37

Tgt Ion: 98 Resp: 48249
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.5 75.7

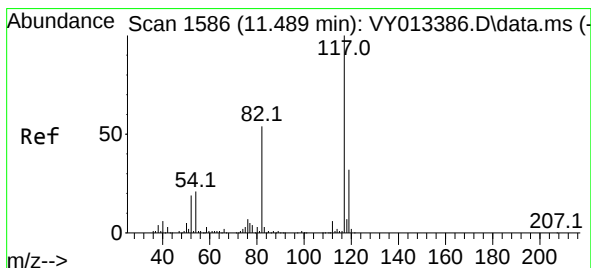
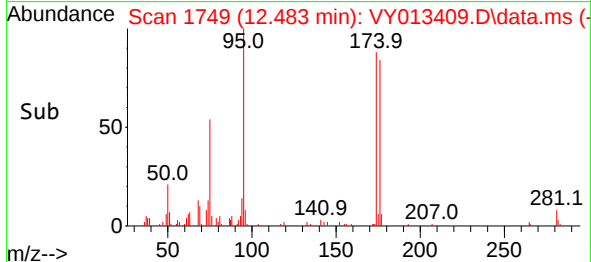
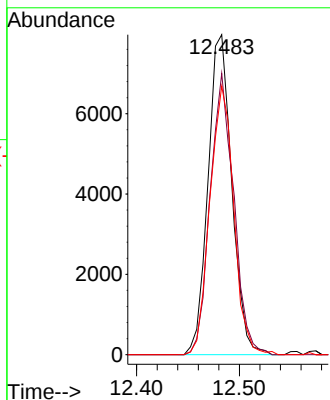
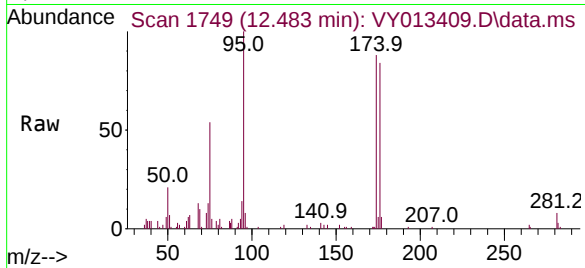




#62
4-Bromofluorobenzene
Concen: 41.857 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013409.D
Acq: 24 Apr 2023 18:37

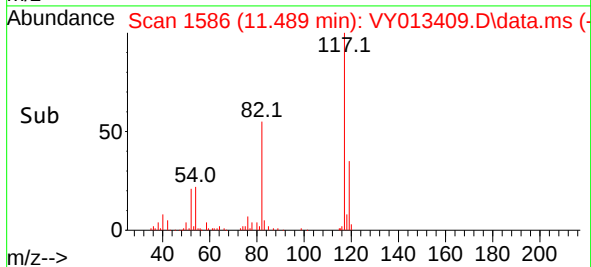
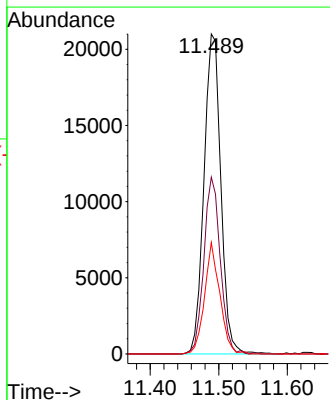
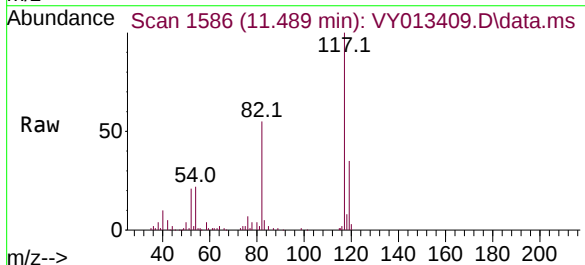
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

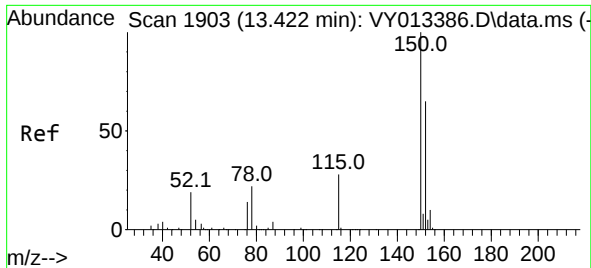
Tgt Ion: 95 Resp: 12829
Ion Ratio Lower Upper
95 100
174 86.8 0.0 182.0
176 83.9 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013409.D
Acq: 24 Apr 2023 18:37

Tgt Ion: 117 Resp: 36005
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 34.8 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: VY013409.D

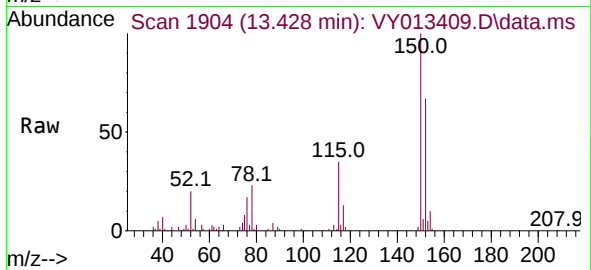
Acq: 24 Apr 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-21-8.5-9.0



Tgt Ion:152 Resp: 13220

Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

150 152.4 0.0 352.0

