

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013428.D
 Acq On : 25 Apr 2023 05:01
 Operator : KP/MD
 Sample : 02389-30
 Misc : 3.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-8WC-23-04-17

Quant Time: Apr 25 07:16:44 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)

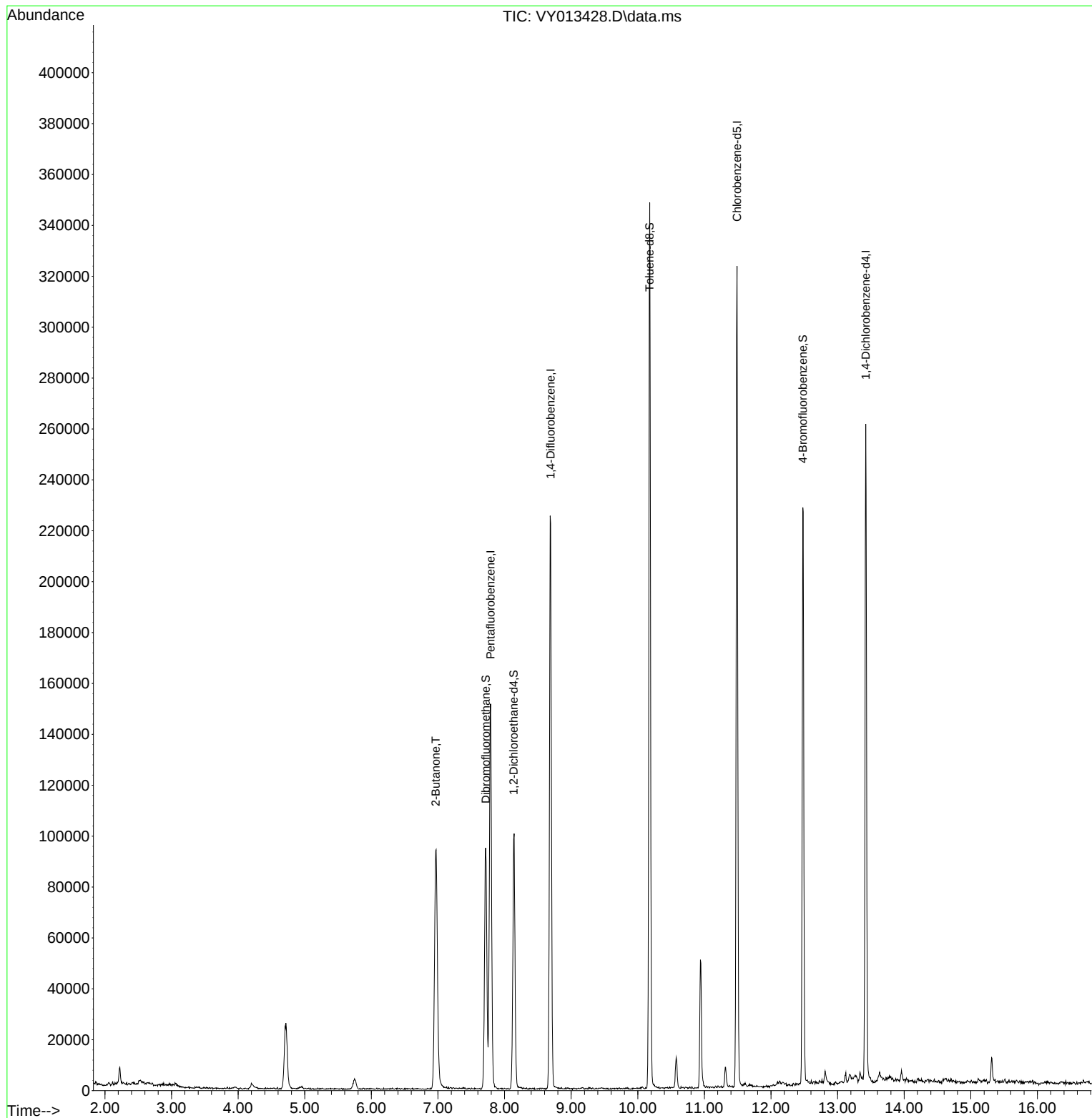
Internal Standards						
1) Pentafluorobenzene	7.789	168	118341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76926	59.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.600%
35) Dibromofluoromethane	7.716	113	66117	55.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.260%
50) Toluene-d8	10.179	98	227120	53.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.440%
62) 4-Bromofluorobenzene	12.477	95	63791	44.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.520%
Target Compounds						
25) 2-Butanone	6.966	43	5528	8.532	ug/l	Qvalue # 82

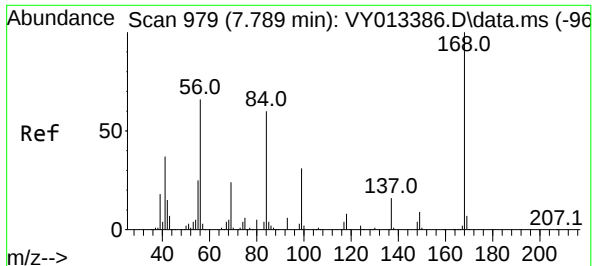
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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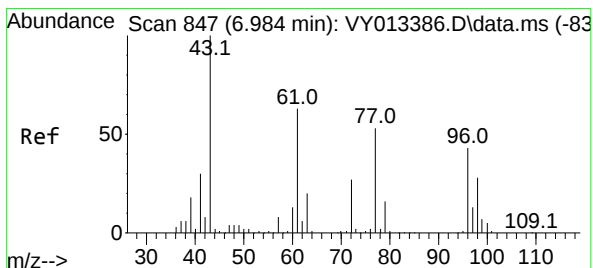
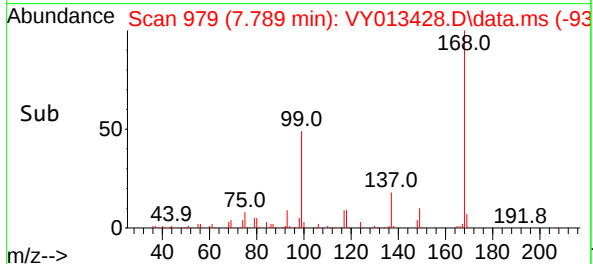
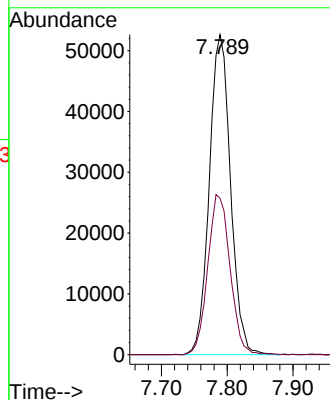
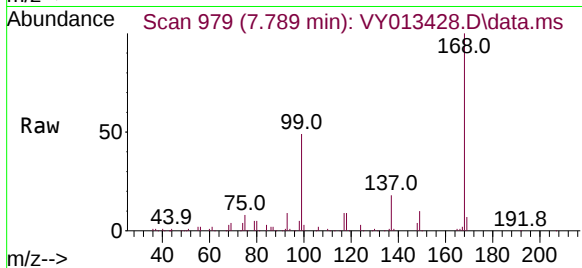




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

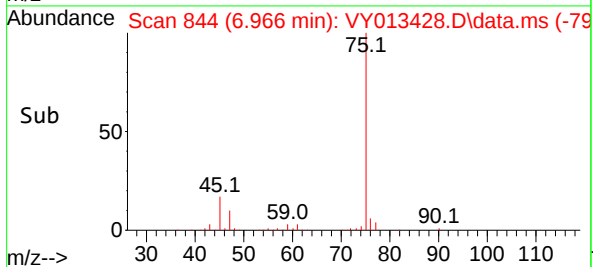
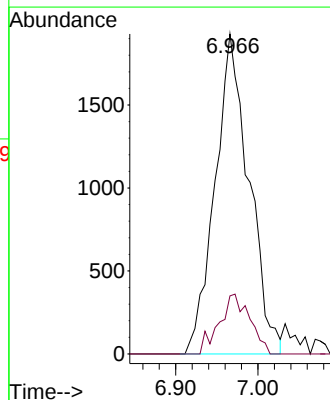
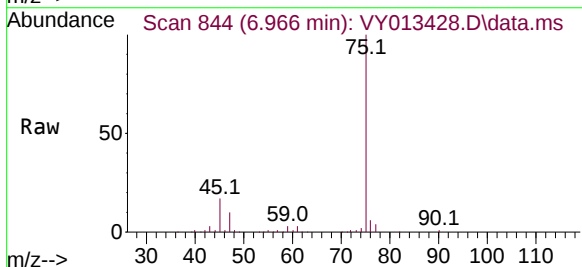
Instrument :
MSVOA_Y
ClientSampleId :
SPB-8WC-23-04-17

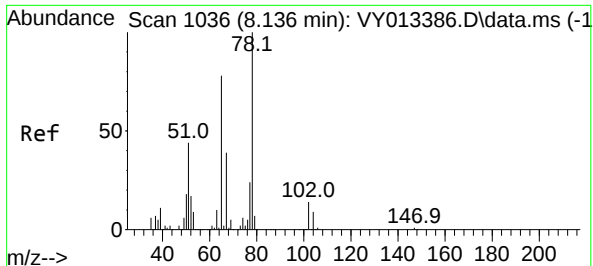
Tgt Ion:168 Resp: 118341
Ion Ratio Lower Upper
168 100
99 48.8 41.8 62.6



#25
2-Butanone
Concen: 8.532 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

Tgt Ion: 43 Resp: 5528
Ion Ratio Lower Upper
43 100
72 18.2 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 59.298 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013428.D

Acq: 25 Apr 2023 05:01

Instrument :

MSVOA_Y

ClientSampleId :

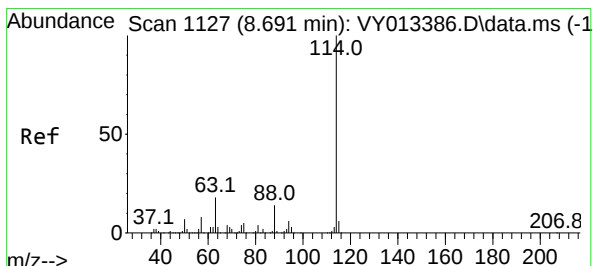
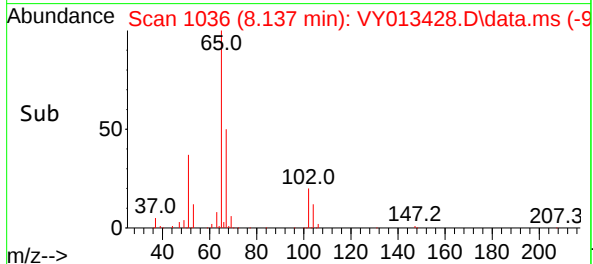
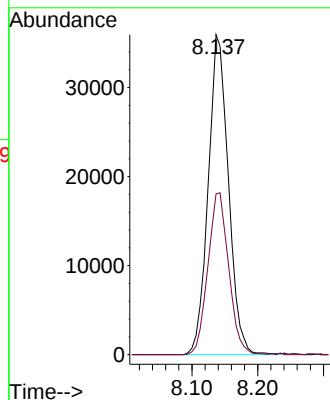
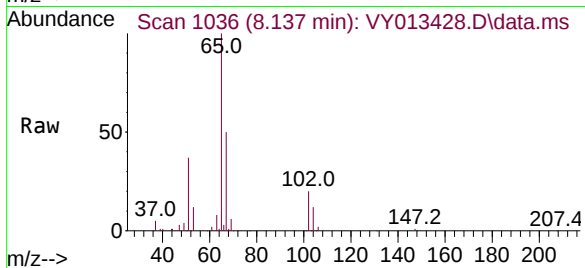
SPB-8WC-23-04-17

Tgt Ion: 65 Resp: 76926

Ion Ratio Lower Upper

65 100

67 52.1 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: VY013428.D

Acq: 25 Apr 2023 05:01

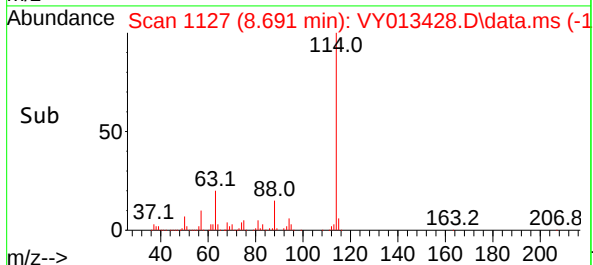
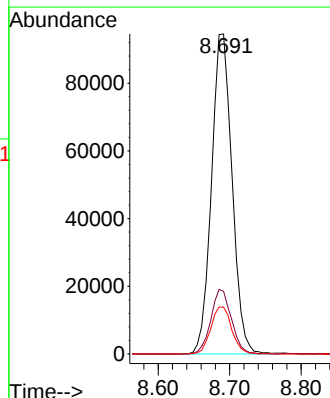
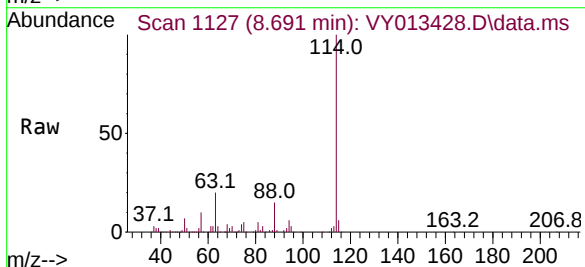
Tgt Ion: 114 Resp: 188952

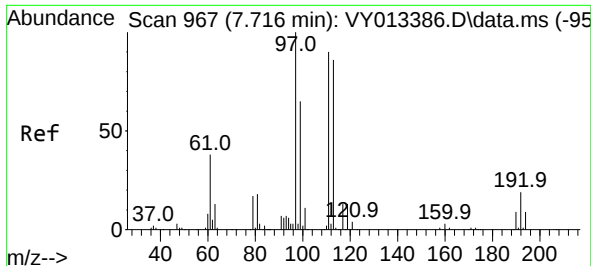
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.6

88 14.6 0.0 28.8

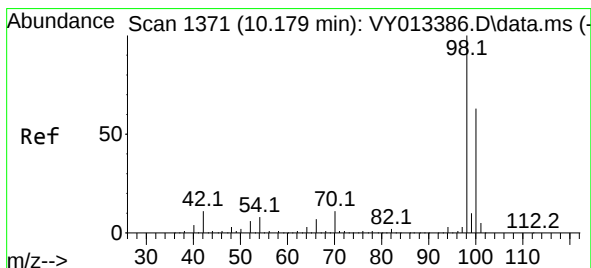
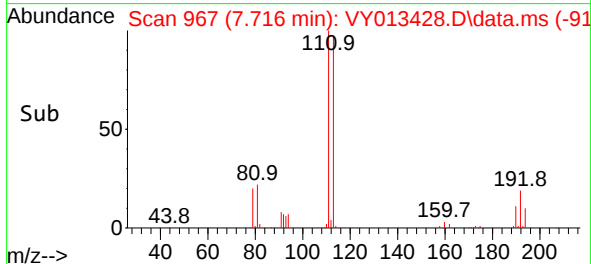
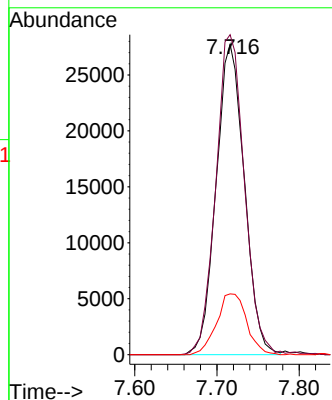
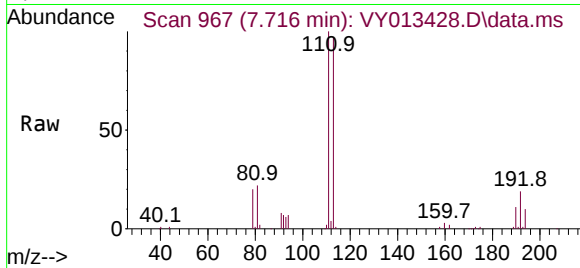




#35
Dibromofluoromethane
Concen: 55.634 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

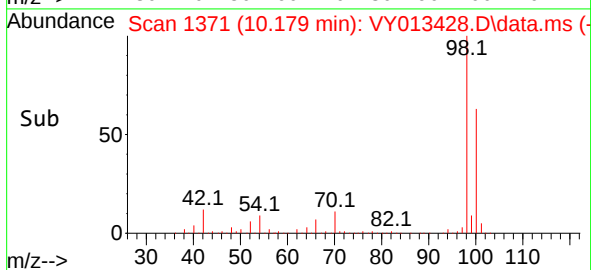
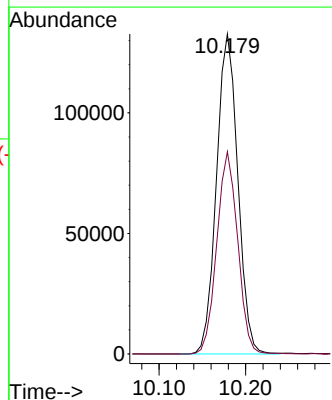
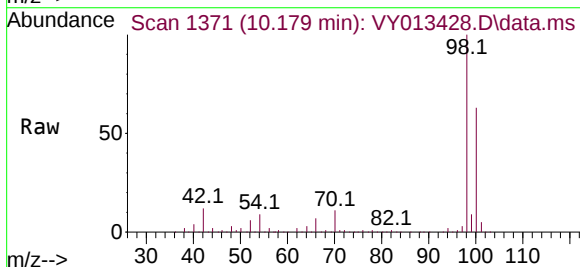
Instrument :
MSVOA_Y
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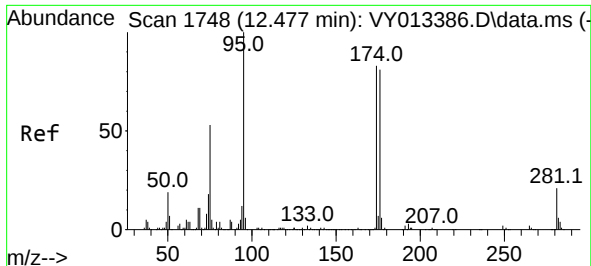
Tgt Ion:113 Resp: 66117
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 20.8 16.7 25.1



#50
Toluene-d8
Concen: 53.722 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

Tgt Ion: 98 Resp: 227120
Ion Ratio Lower Upper
98 100
100 61.9 50.5 75.7

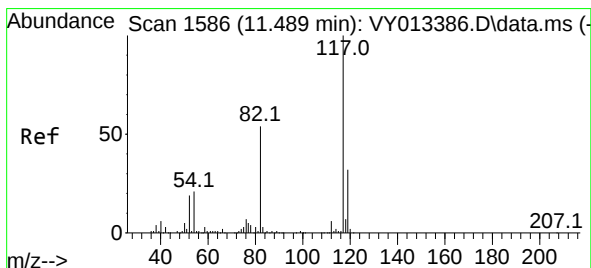
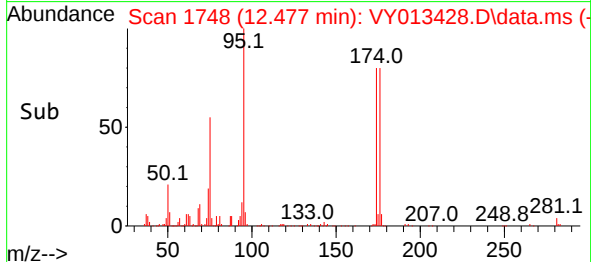
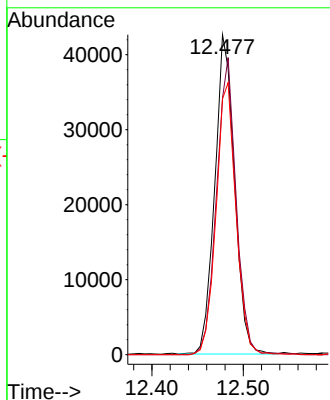
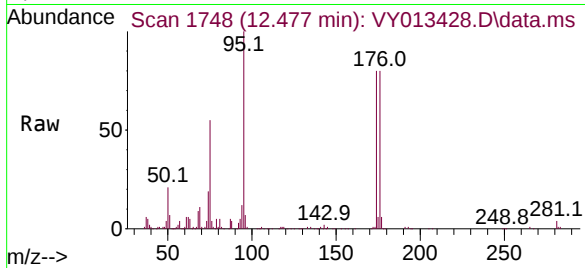




#62
4-Bromofluorobenzene
Concen: 44.757 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

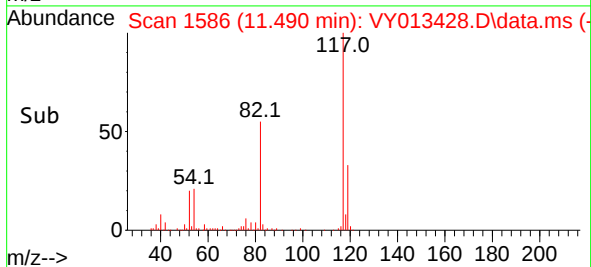
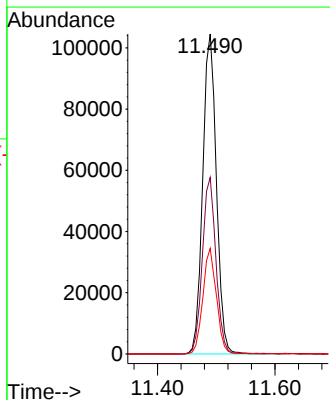
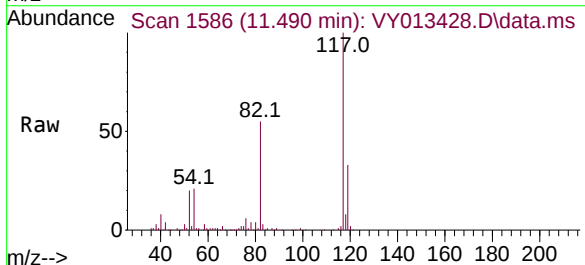
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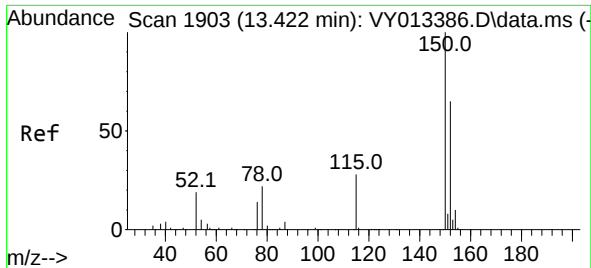
Tgt Ion: 95 Resp: 63791
Ion Ratio Lower Upper
95 100
174 92.7 0.0 182.0
176 86.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

Tgt Ion: 117 Resp: 169467
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.6
119 33.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013428.D

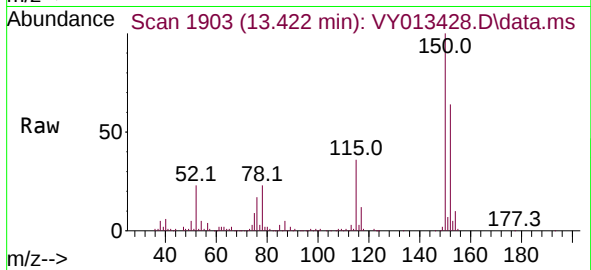
Acq: 25 Apr 2023 05:01

Instrument :

MSVOA_Y

ClientSampleId :

SPB-8WC-23-04-17



Tgt Ion:152 Resp: 66692

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

150 155.9 0.0 352.0

