

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013405.D
 Acq On : 24 Apr 2023 17:03
 Operator : KP/MD
 Sample : 02406-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-6.5-7.0

Quant Time: Apr 25 03:14:56 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)

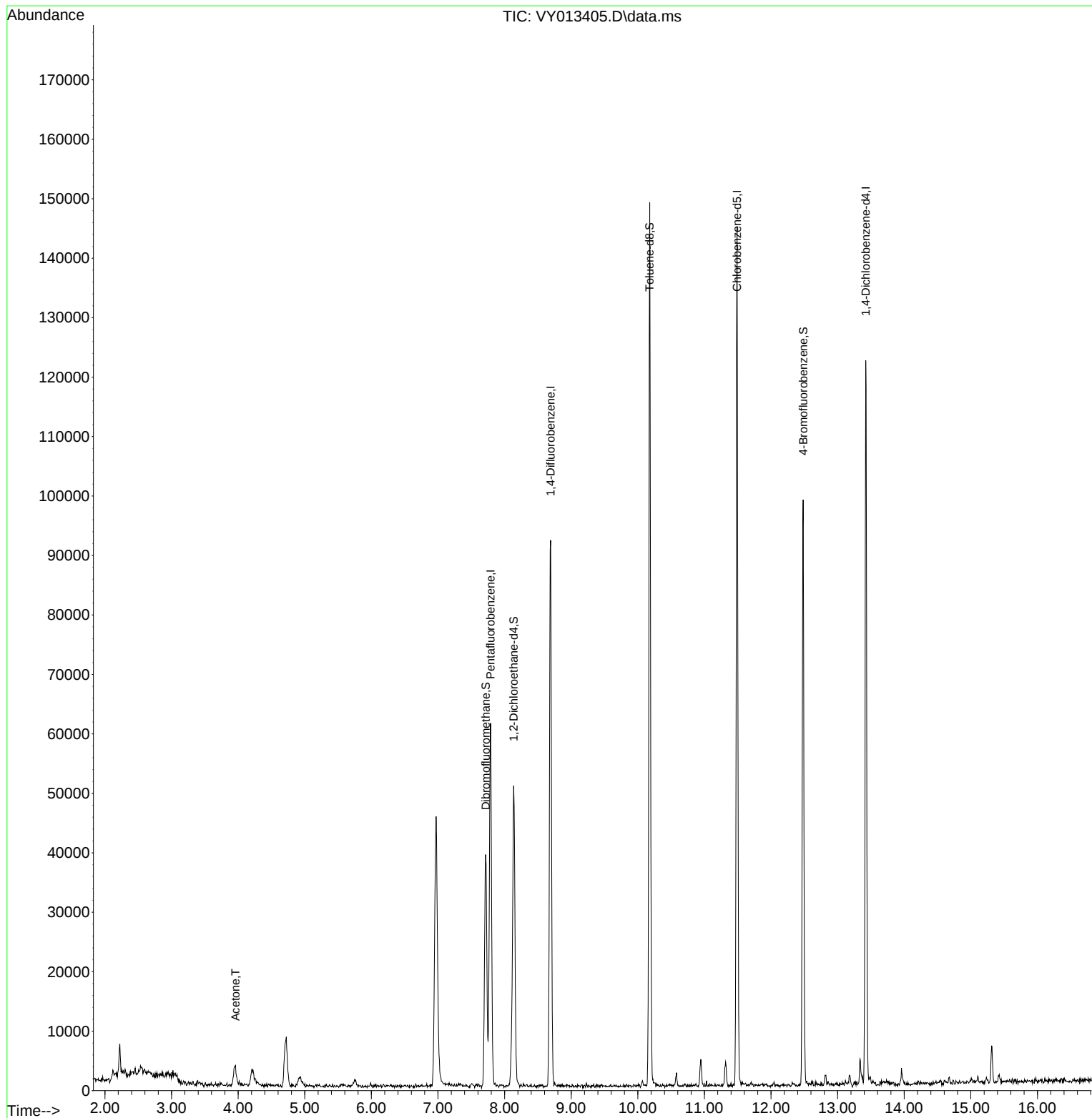
Internal Standards						
1) Pentafluorobenzene	7.789	168	46284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	77123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	73297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36554	72.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.100%
35) Dibromofluoromethane	7.716	113	27652	57.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.020%
50) Toluene-d8	10.179	98	92867	53.818	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.483	95	27564	47.382	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.760%
Target Compounds						
16) Acetone	3.960	43	6684	33.452	ug/l	# 76

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

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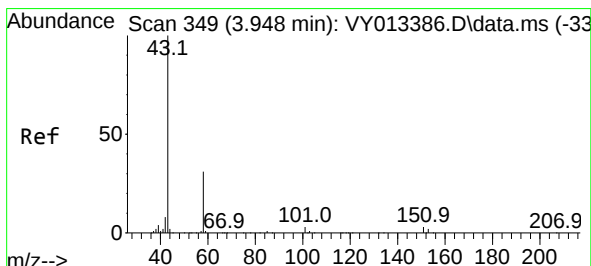
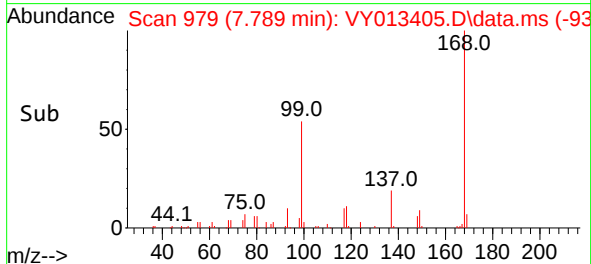
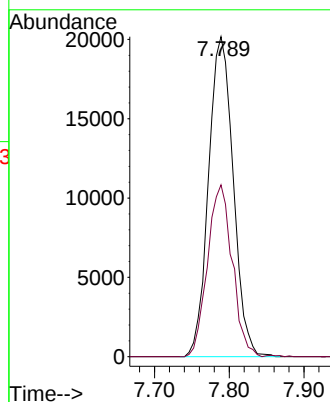
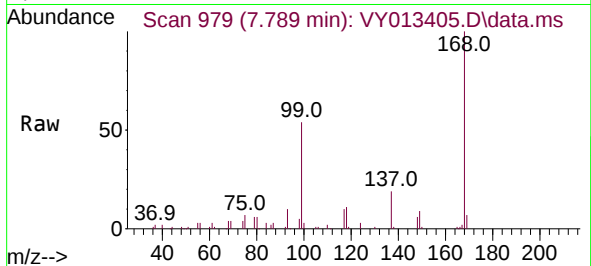




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013405.D
Acq: 24 Apr 2023 17:03

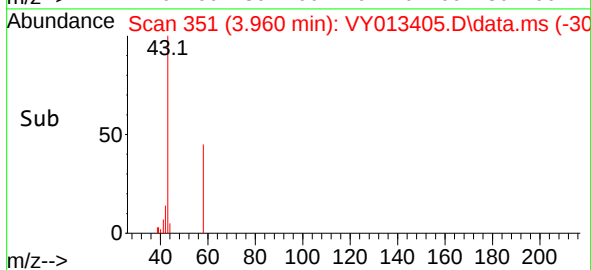
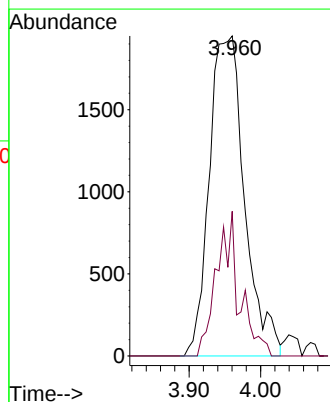
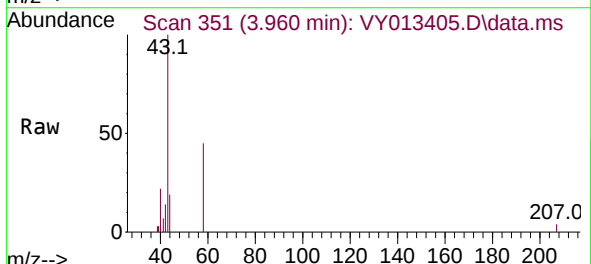
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-6.5-7.0

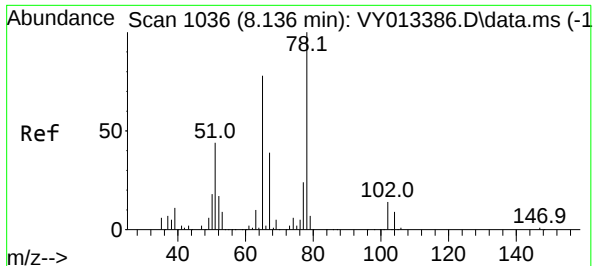
Tgt Ion:168 Resp: 46284
Ion Ratio Lower Upper
168 100
99 53.7 41.8 62.6



#16
Acetone
Concen: 33.452 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013405.D
Acq: 24 Apr 2023 17:03

Tgt Ion: 43 Resp: 6684
Ion Ratio Lower Upper
43 100
58 45.2 25.4 38.0#





#33

1,2-Dichloroethane-d4

Concen: 72.045 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013405.D

Acq: 24 Apr 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

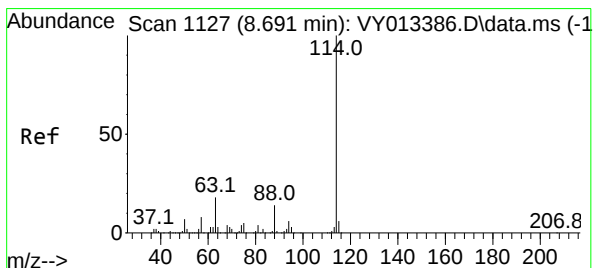
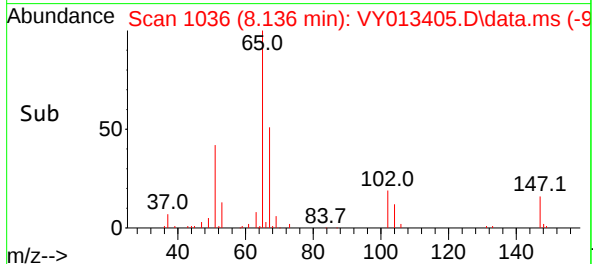
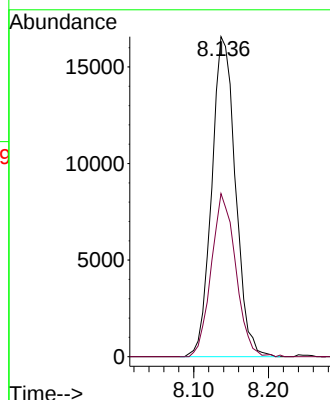
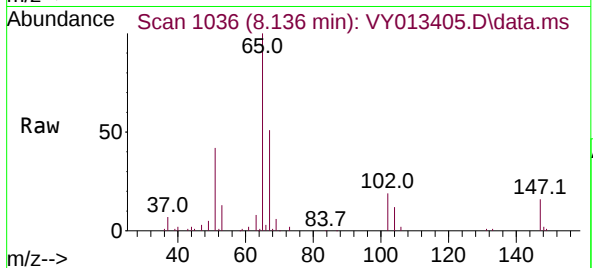
SB-13-6.5-7.0

Tgt Ion: 65 Resp: 36554

Ion Ratio Lower Upper

65 100

67 52.4 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: VY013405.D

Acq: 24 Apr 2023 17:03

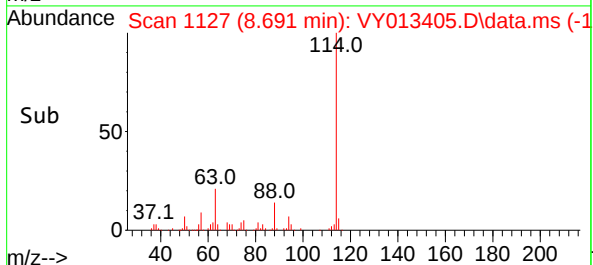
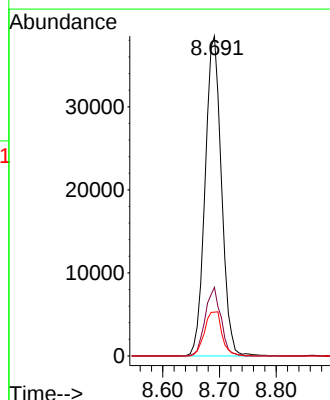
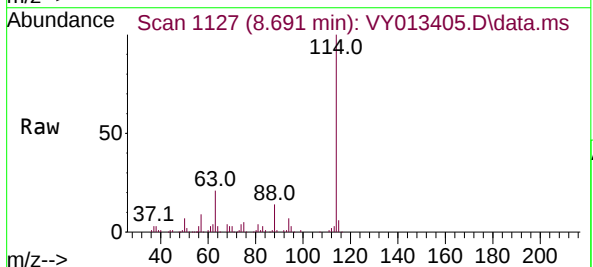
Tgt Ion: 114 Resp: 77123

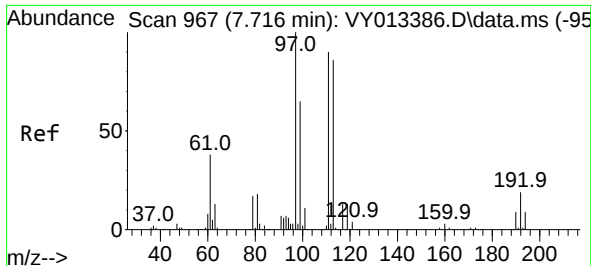
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.6

88 13.7 0.0 28.8

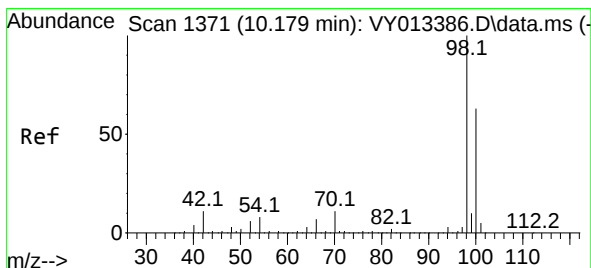
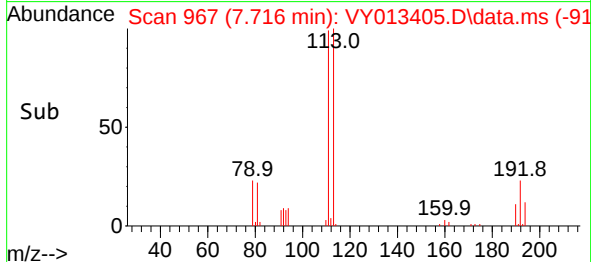
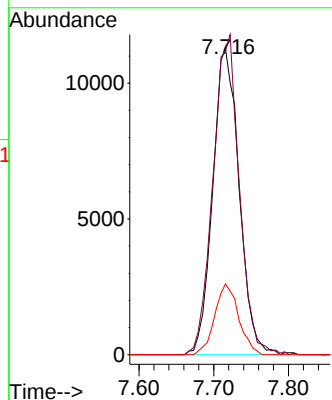
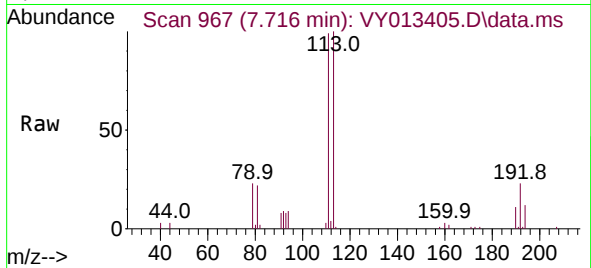




#35
Dibromofluoromethane
Concen: 57.006 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013405.D
Acq: 24 Apr 2023 17:03

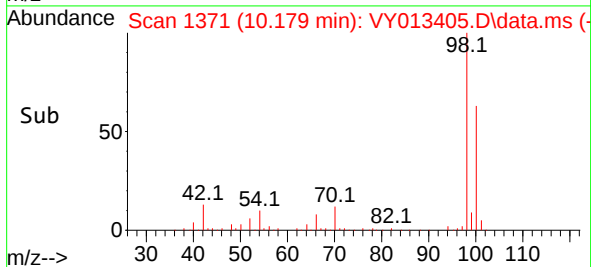
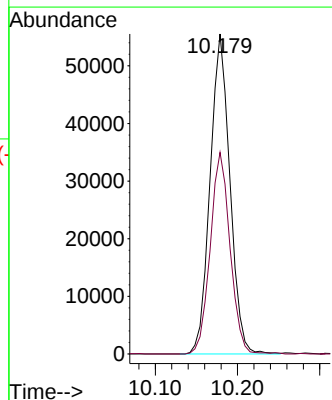
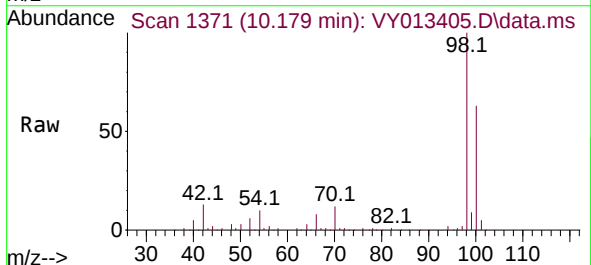
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-6.5-7.0

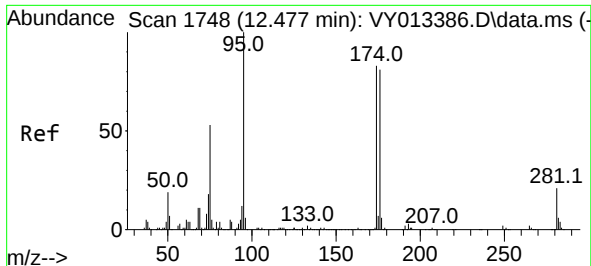
Tgt Ion:113 Resp: 27652
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 21.0 16.7 25.1



#50
Toluene-d8
Concen: 53.818 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013405.D
Acq: 24 Apr 2023 17:03

Tgt Ion: 98 Resp: 92867
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

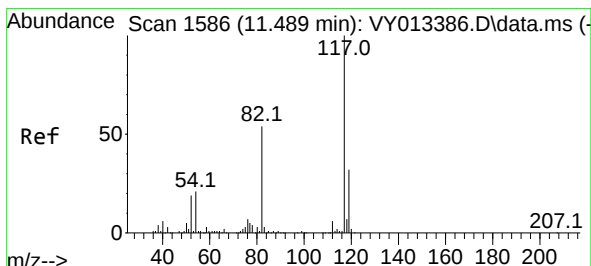
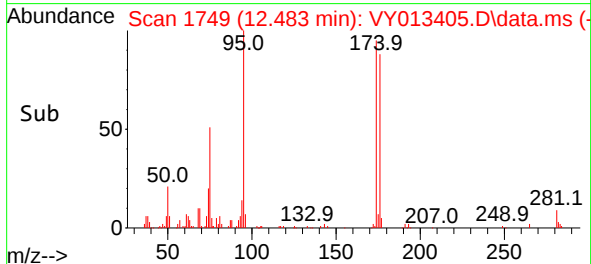
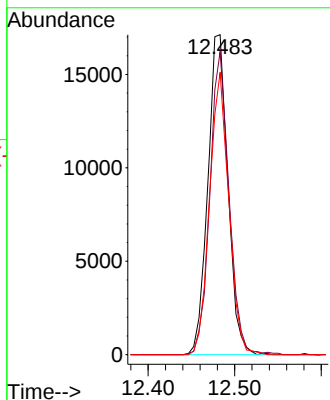
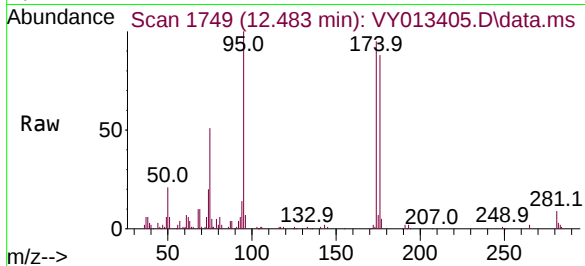




#62
4-Bromofluorobenzene
Concen: 47.382 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013405.D
Acq: 24 Apr 2023 17:03

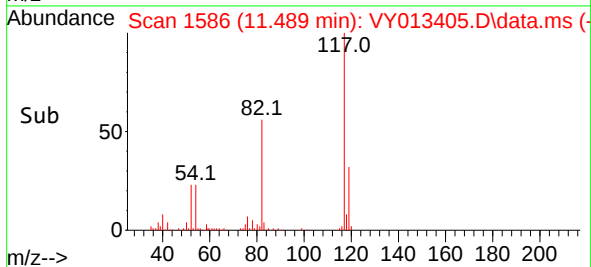
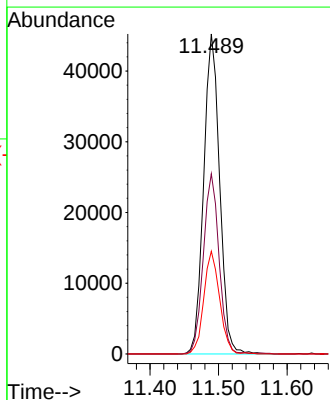
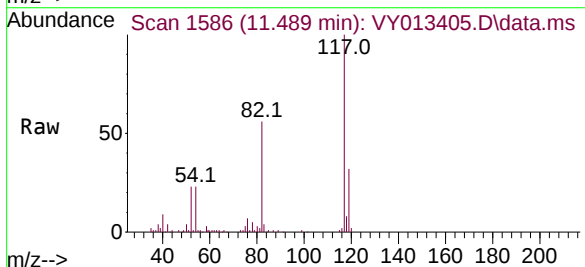
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-6.5-7.0

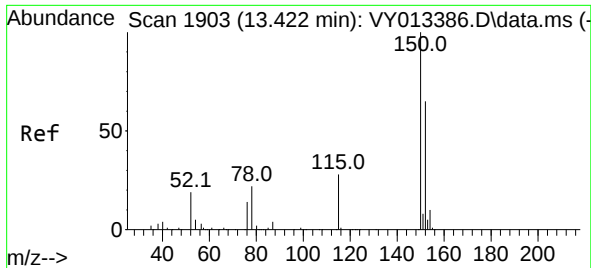
Tgt Ion: 95 Resp: 27564
Ion Ratio Lower Upper
95 100
174 90.3 0.0 182.0
176 84.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013405.D
Acq: 24 Apr 2023 17:03

Tgt Ion: 117 Resp: 73297
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.6
119 32.1 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: VY013405.D

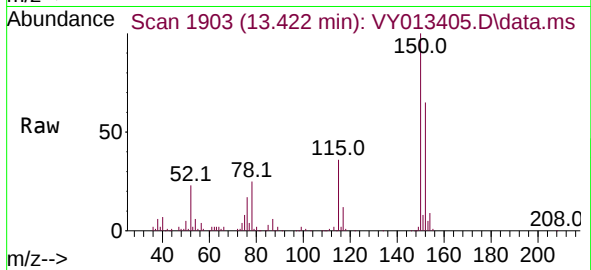
Acq: 24 Apr 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-13-6.5-7.0



Tgt Ion:152 Resp: 30642

Ion Ratio Lower Upper

152 100

115 58.0 28.1 84.2

150 157.2 0.0 352.0

