

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013345.D
 Acq On : 19 Apr 2023 15:08
 Operator : KP/MD
 Sample : 02371-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-20-8.0-8.5

Quant Time: Apr 20 06:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

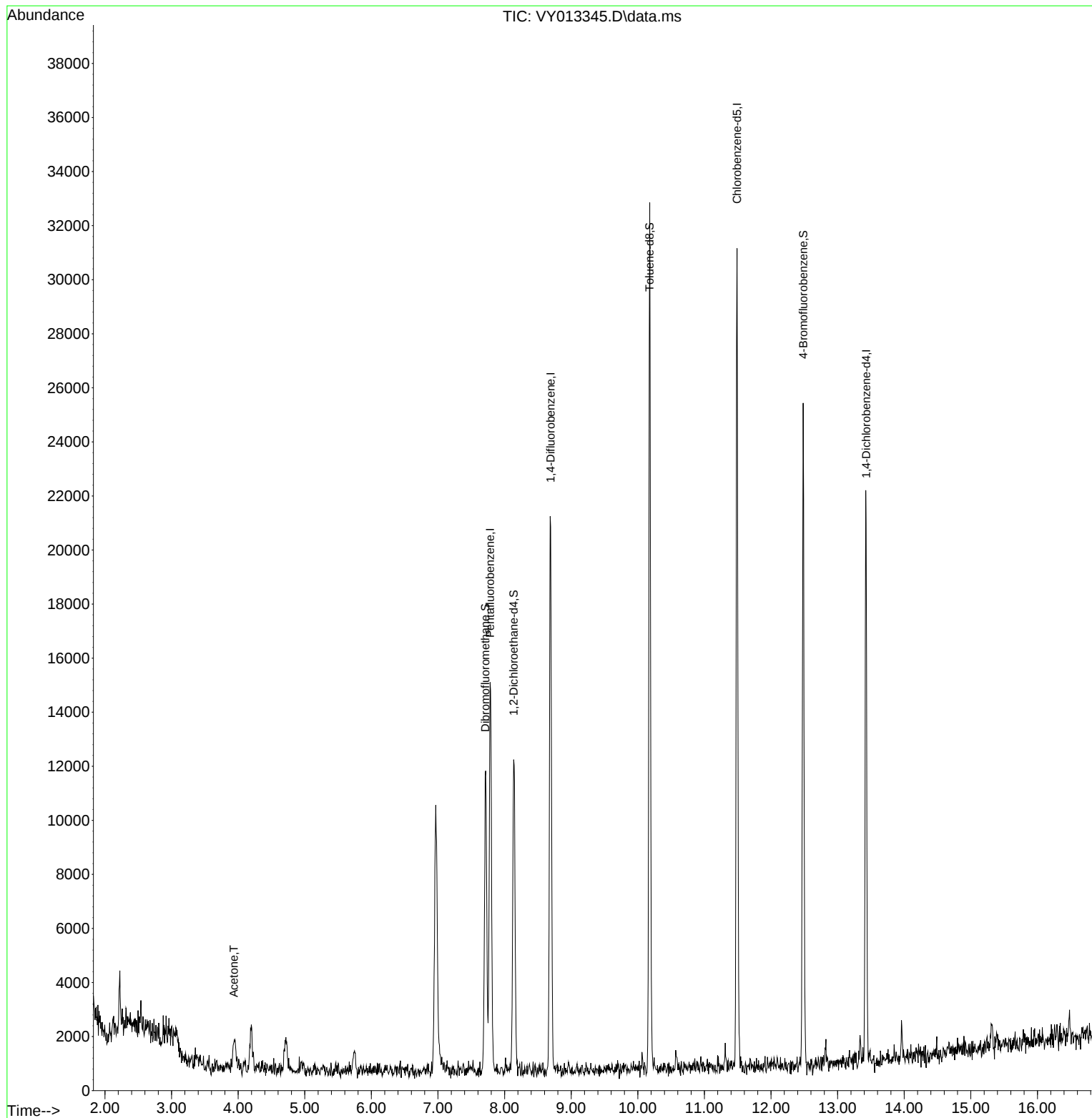
Internal Standards						
1) Pentafluorobenzene	7.783	168	12055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	17248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9877	68.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.360%
35) Dibromofluoromethane	7.710	113	8136	72.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	144.020%
50) Toluene-d8	10.179	98	20717	49.263	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.483	95	5998	43.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.800%
Target Compounds						
16) Acetone	3.936	43	2331	46.796	ug/l	Qvalue # 79

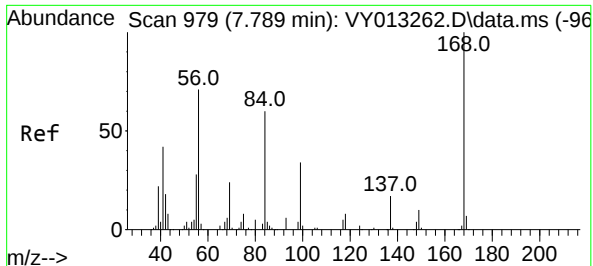
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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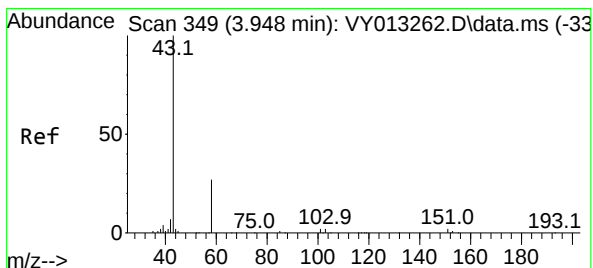
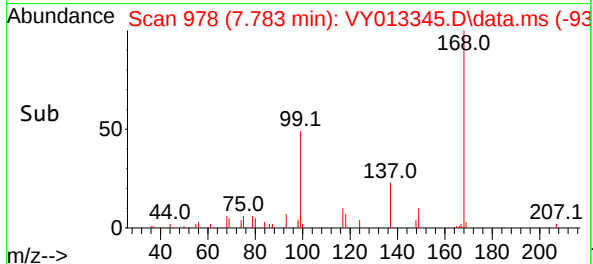
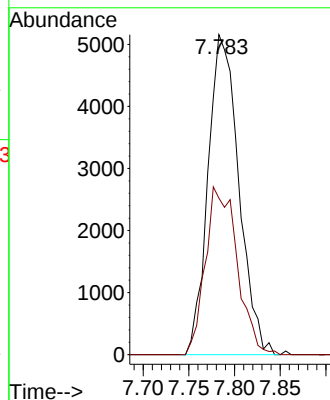
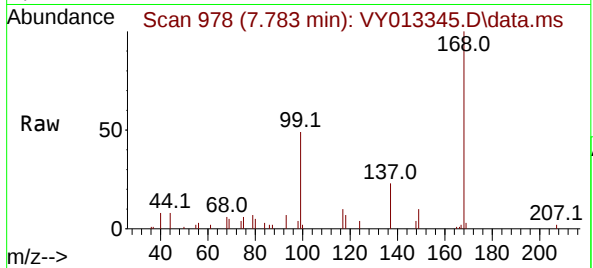




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013345.D
Acq: 19 Apr 2023 15:08

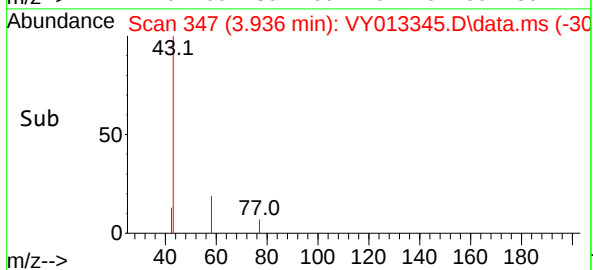
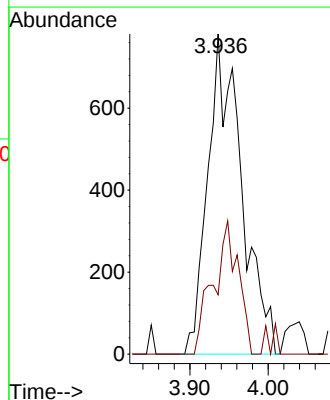
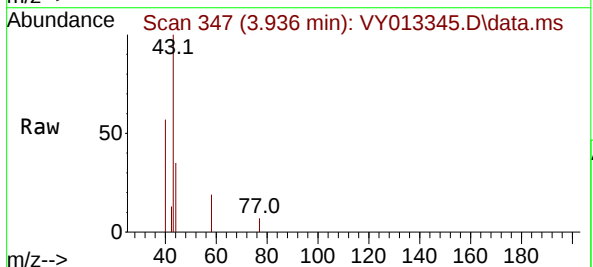
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-8.0-8.5

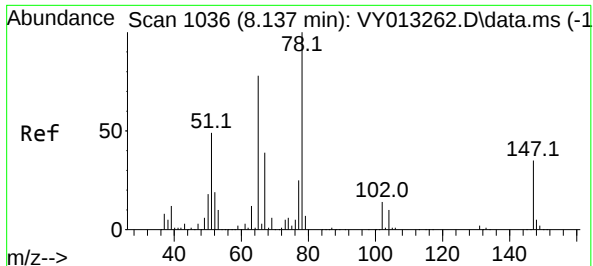
Tgt Ion:168 Resp: 12055
Ion Ratio Lower Upper
168 100
99 48.9 41.7 62.5



#16
Acetone
Concen: 46.796 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY013345.D
Acq: 19 Apr 2023 15:08

Tgt Ion: 43 Resp: 2331
Ion Ratio Lower Upper
43 100
58 18.6 24.2 36.2#





#33

1,2-Dichloroethane-d4

Concen: 68.177 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013345.D

Acq: 19 Apr 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

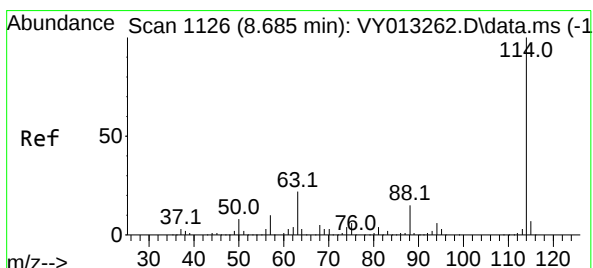
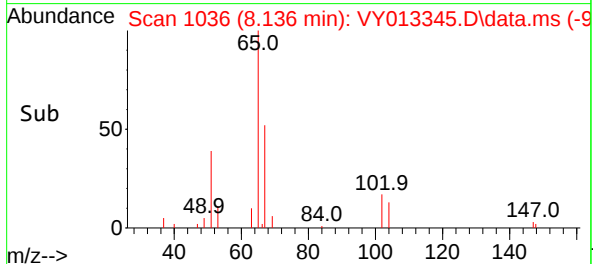
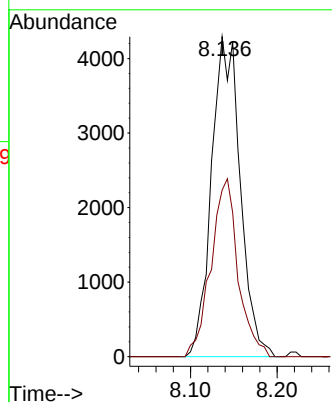
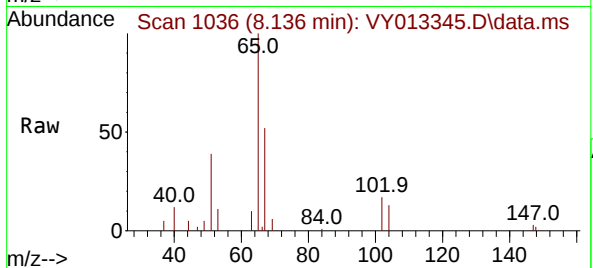
SB-20-8.0-8.5

Tgt Ion: 65 Resp: 9877

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013345.D

Acq: 19 Apr 2023 15:08

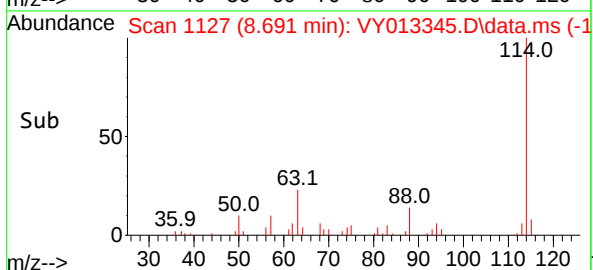
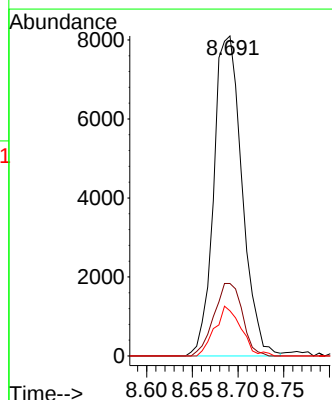
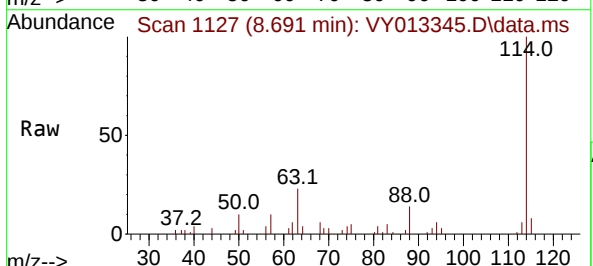
Tgt Ion: 114 Resp: 17452

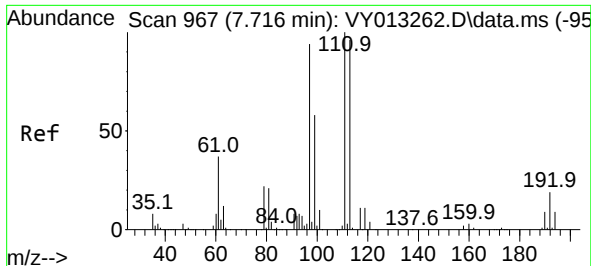
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.4

88 14.1 0.0 28.6

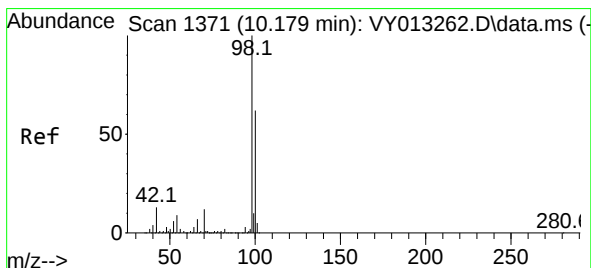
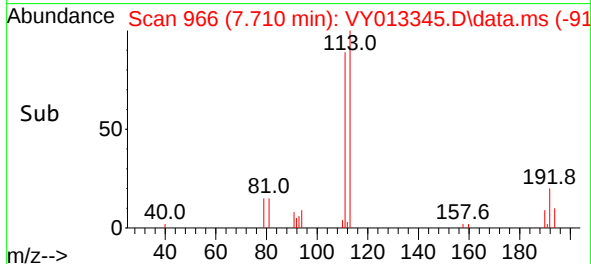
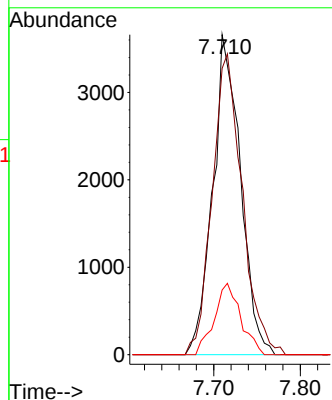
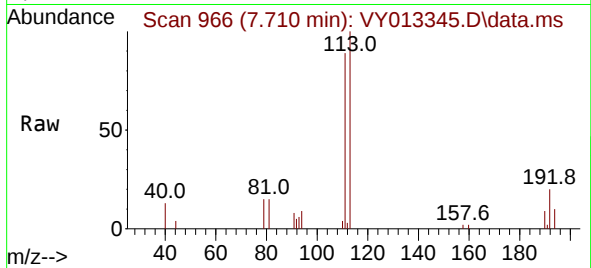




#35
Dibromofluoromethane
Concen: 72.011 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013345.D
Acq: 19 Apr 2023 15:08

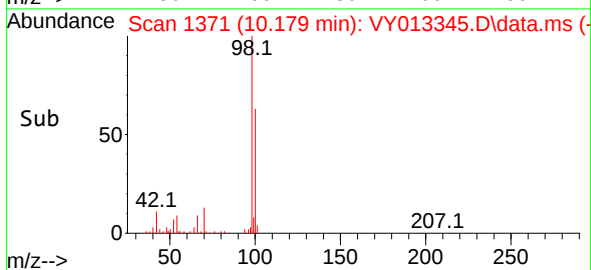
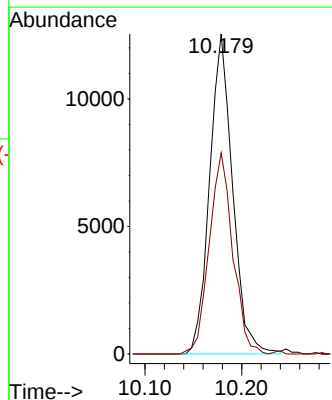
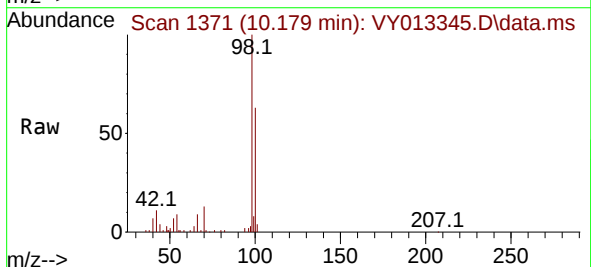
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-8.0-8.5

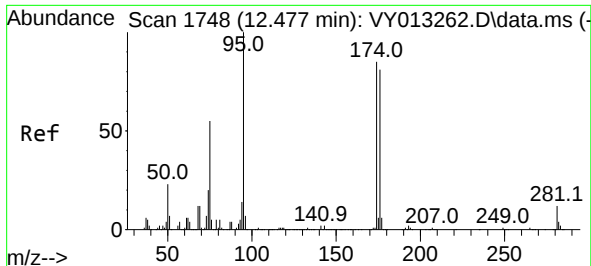
Tgt Ion:113 Resp: 8136
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 21.3 16.8 25.2



#50
Toluene-d8
Concen: 49.263 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013345.D
Acq: 19 Apr 2023 15:08

Tgt Ion: 98 Resp: 20717
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3

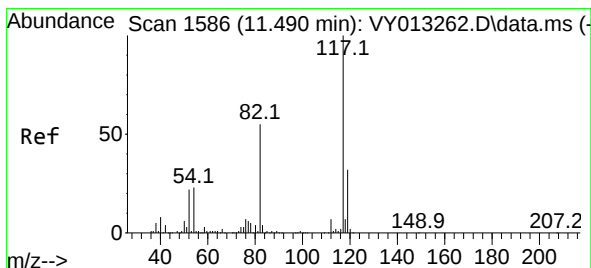
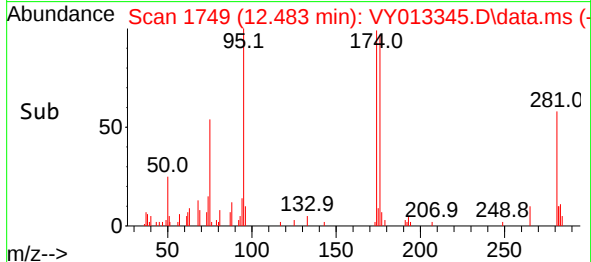
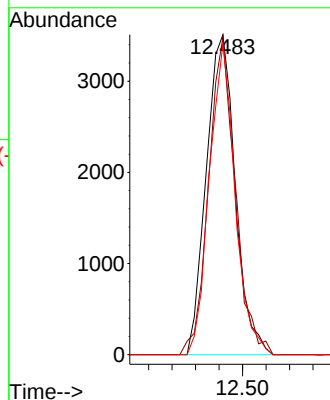
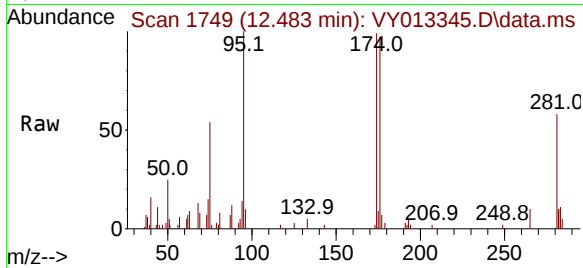




#62
4-Bromofluorobenzene
Concen: 43.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013345.D
Acq: 19 Apr 2023 15:08

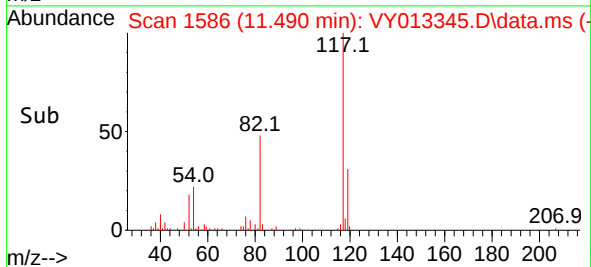
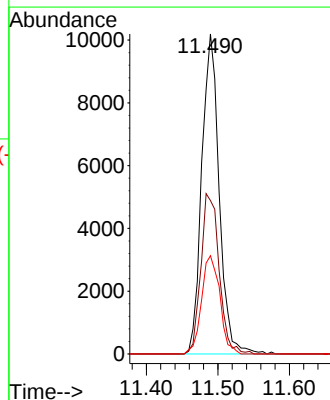
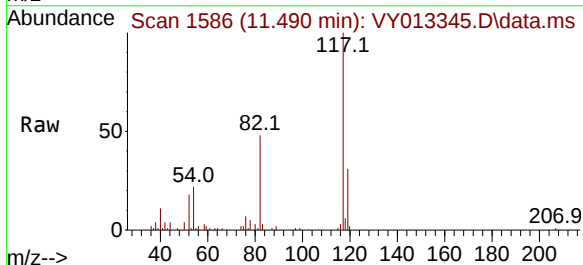
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-8.0-8.5

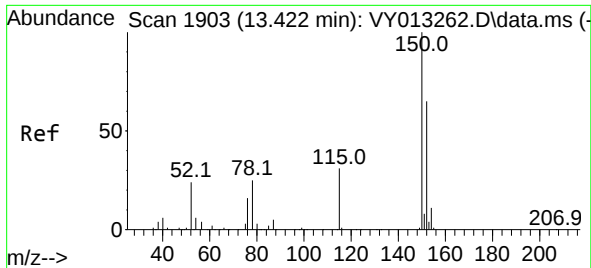
Tgt Ion:	95	Resp:	5998
Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	176.6
176	86.5	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013345.D
Acq: 19 Apr 2023 15:08

Tgt Ion:	117	Resp:	17248
Ion	Ratio	Lower	Upper
117	100		
82	48.0	45.4	68.0
119	30.7	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013345.D

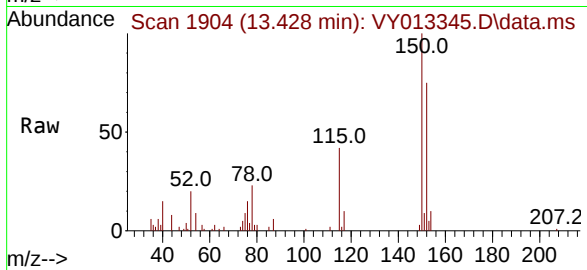
Acq: 19 Apr 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-20-8.0-8.5



Tgt Ion:152 Resp: 5970

Ion Ratio Lower Upper

152 100

115 59.6 27.1 81.3

150 148.8 0.0 347.8

