

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017337.D
 Acq On : 09 Feb 2024 14:20
 Operator : SY/MD
 Sample : P1414-06
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9(10-11)

Quant Time: Feb 09 22:03:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

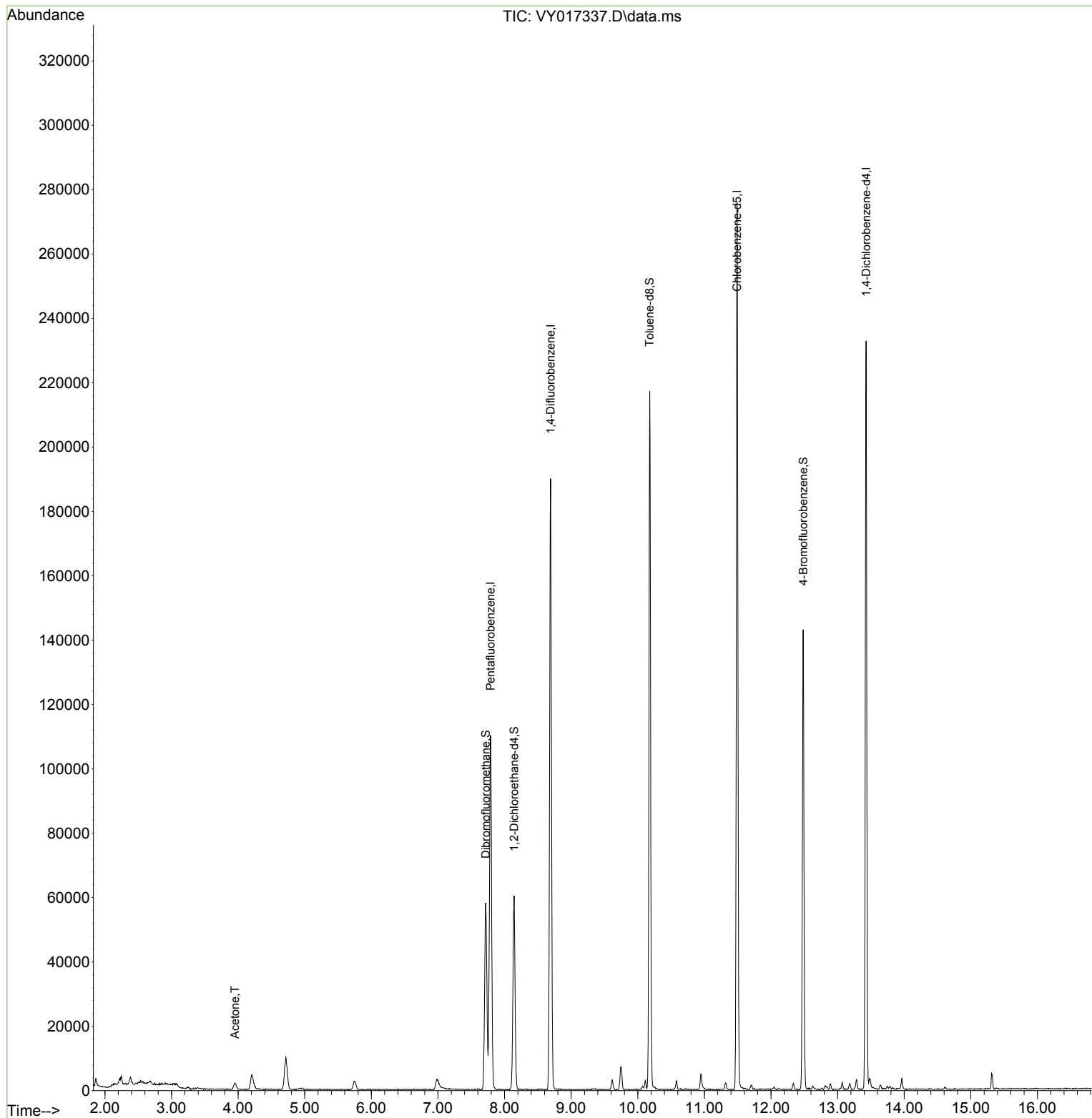
Internal Standards						
1) Pentafluorobenzene	7.789	168	83954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	147872	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	57686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43207	57.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.220%
35) Dibromofluoromethane	7.716	113	41566	47.509	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.020%
50) Toluene-d8	10.179	98	141496	44.419	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.840%
62) 4-Bromofluorobenzene	12.483	95	41072	39.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.720%
Target Compounds						
16) Acetone	3.954	43	3603	16.345	ug/l	Qvalue # 79

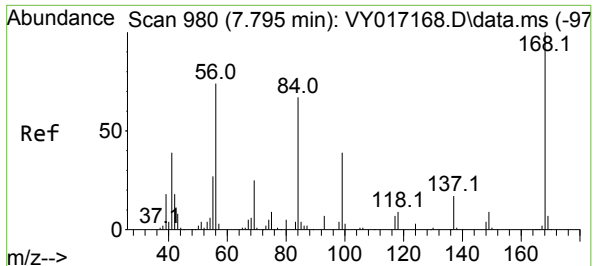
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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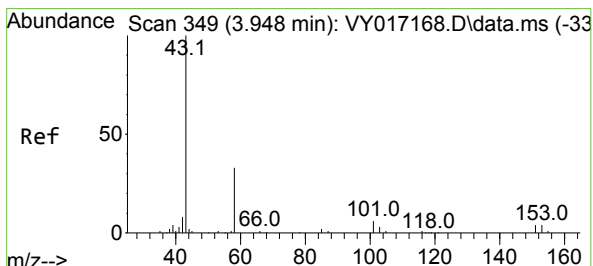
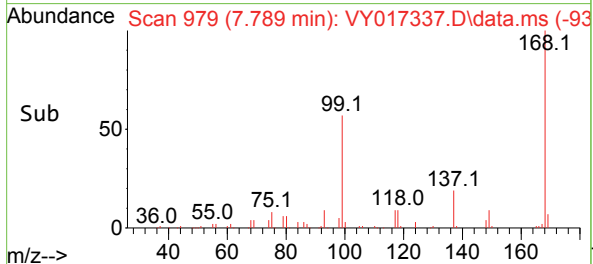
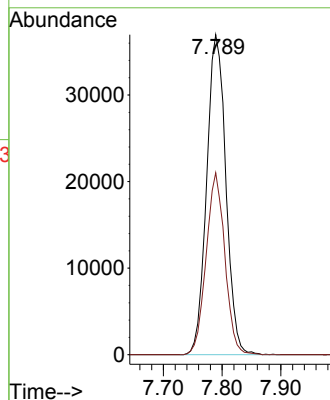
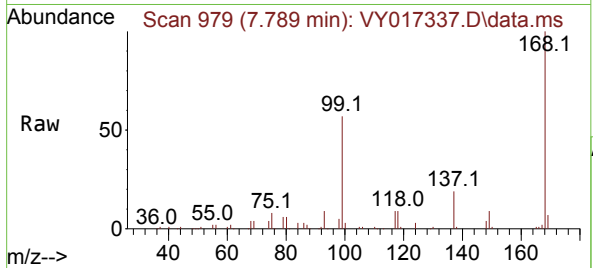




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017337.D
Acq: 09 Feb 2024 14:20

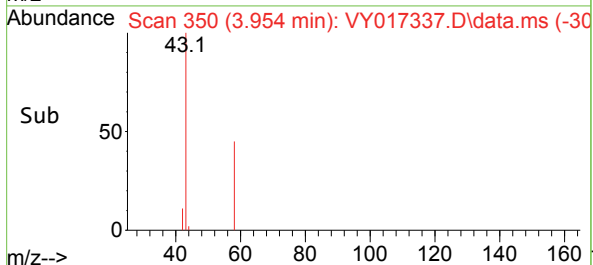
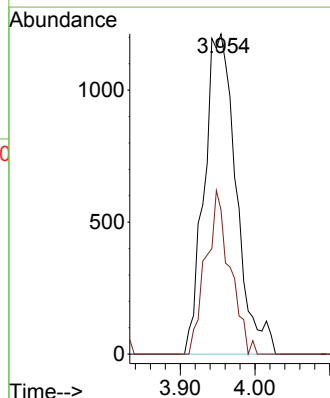
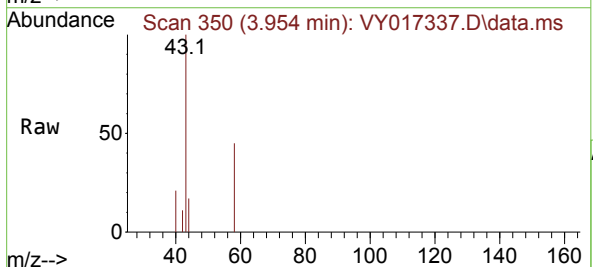
Instrument :
MSVOA_Y
ClientSampleId :
SB-9(10-11)

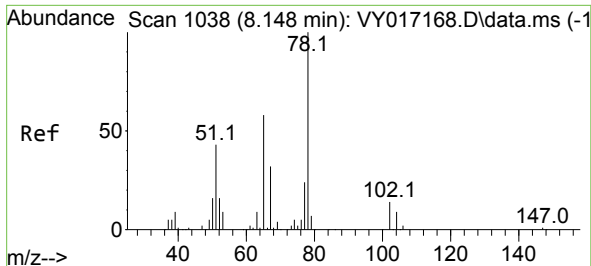
Tgt Ion:168 Resp: 83954
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#16
Acetone
Concen: 16.345 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY017337.D
Acq: 09 Feb 2024 14:20

Tgt Ion: 43 Resp: 3603
Ion Ratio Lower Upper
43 100
58 45.0 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 57.610 ug/l

RT: 8.143 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY017337.D

Acq: 09 Feb 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

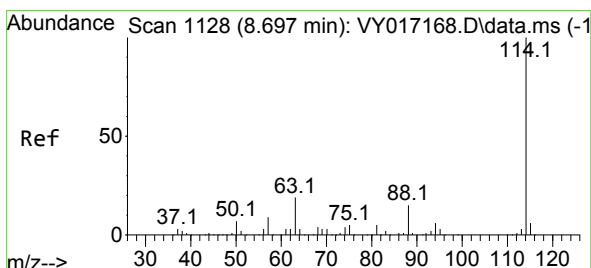
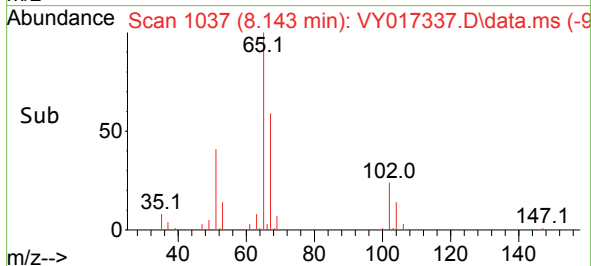
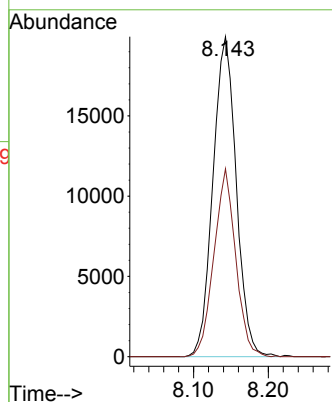
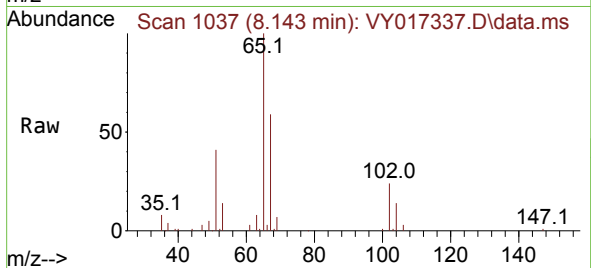
SB-9(10-11)

Tgt Ion: 65 Resp: 43207

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017337.D

Acq: 09 Feb 2024 14:20

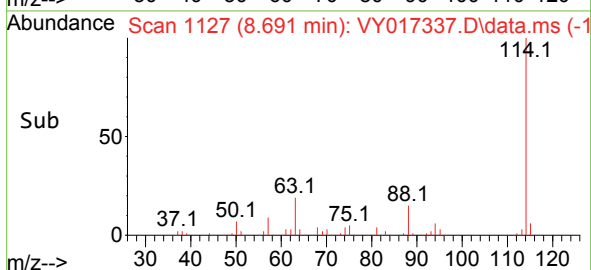
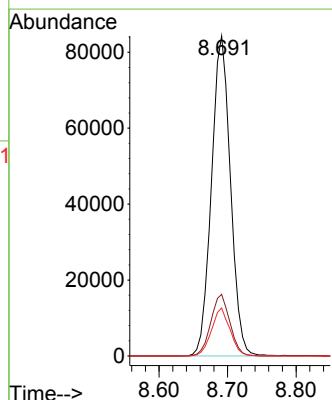
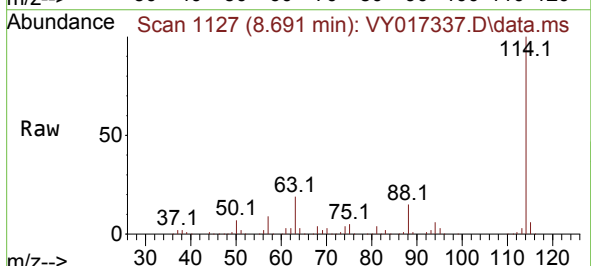
Tgt Ion: 114 Resp: 162039

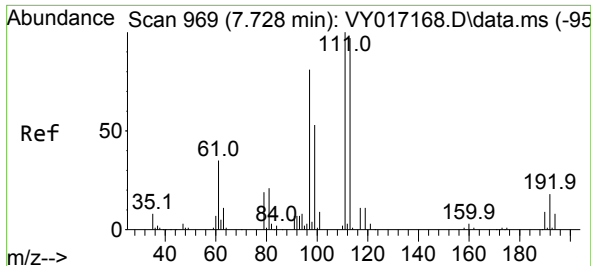
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.0 0.0 29.0

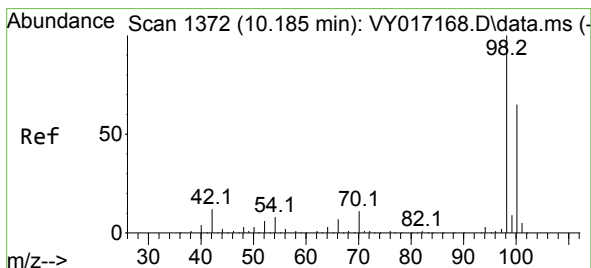
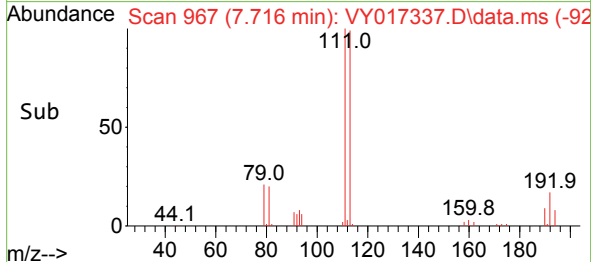
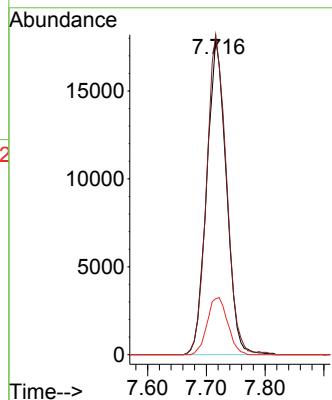
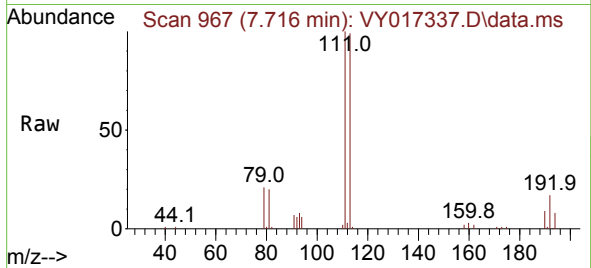




#35
Dibromofluoromethane
Concen: 47.509 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017337.D
Acq: 09 Feb 2024 14:20

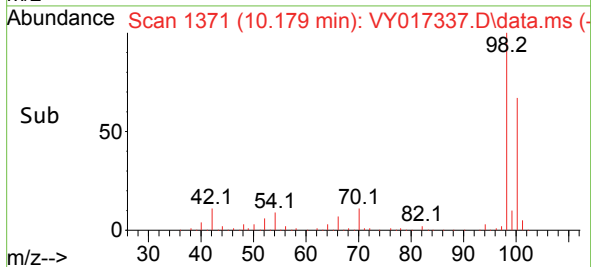
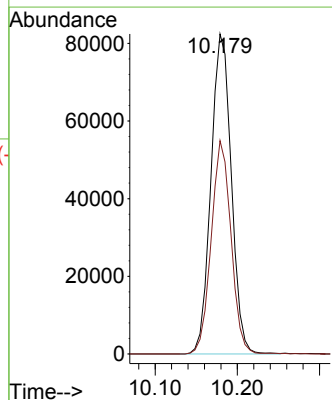
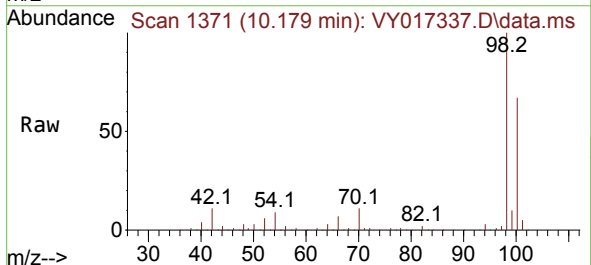
Instrument :
MSVOA_Y
ClientSampleId :
SB-9(10-11)

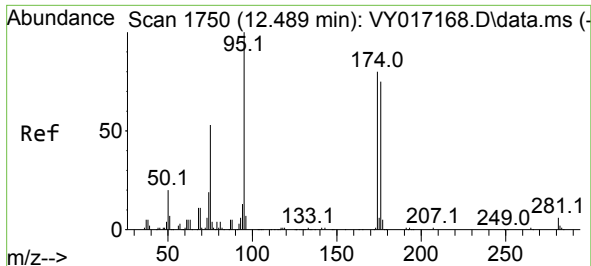
Tgt Ion:113 Resp: 41566
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.9 14.5 21.7



#50
Toluene-d8
Concen: 44.419 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017337.D
Acq: 09 Feb 2024 14:20

Tgt Ion: 98 Resp: 141496
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

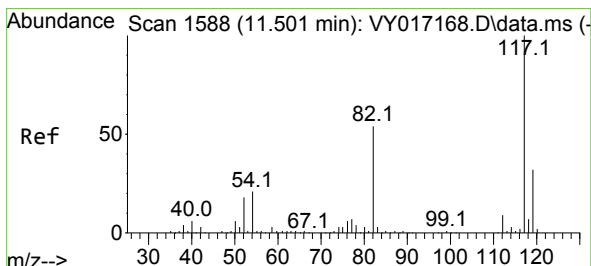
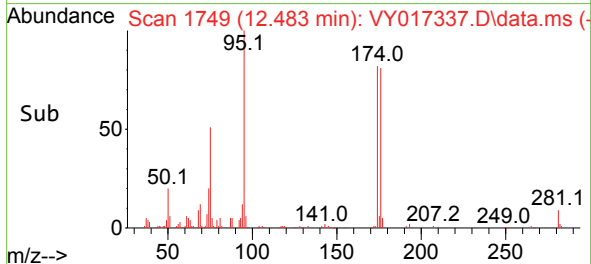
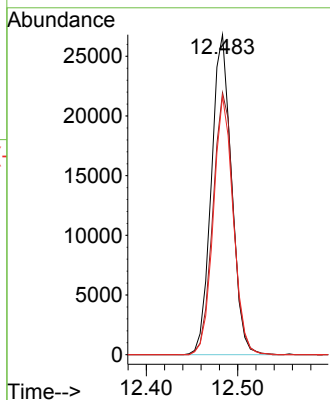
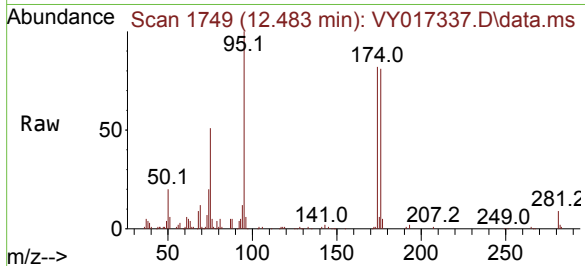




#62
4-Bromofluorobenzene
Concen: 39.360 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017337.D
Acq: 09 Feb 2024 14:20

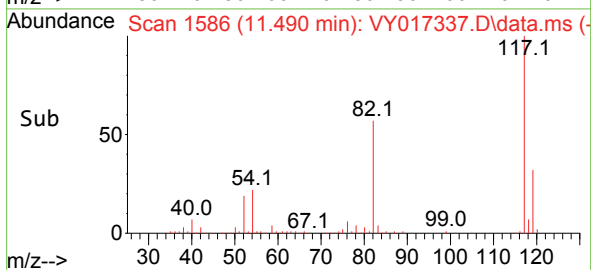
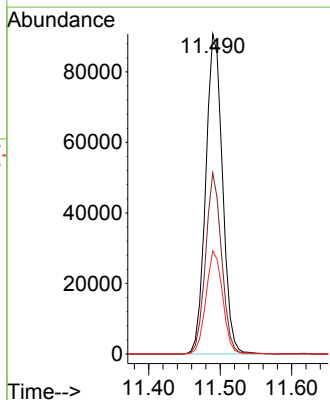
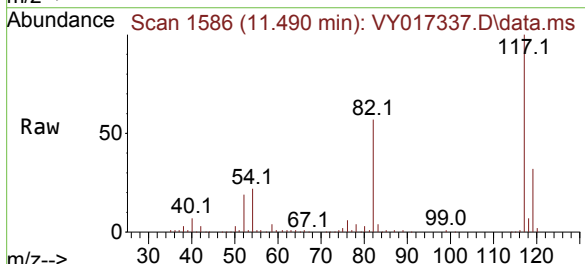
Instrument :
MSVOA_Y
ClientSampleId :
SB-9(10-11)

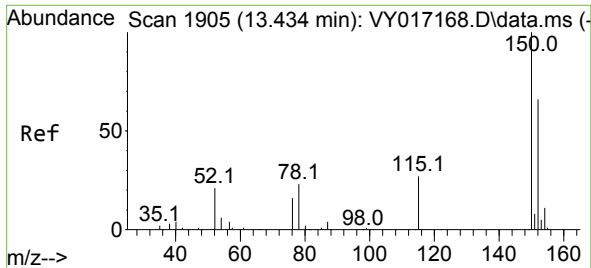
Tgt Ion:	95	Resp:	41072
Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	160.0
176	79.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY017337.D
Acq: 09 Feb 2024 14:20

Tgt Ion:	117	Resp:	147872
Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.8	65.8
119	32.2	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017337.D

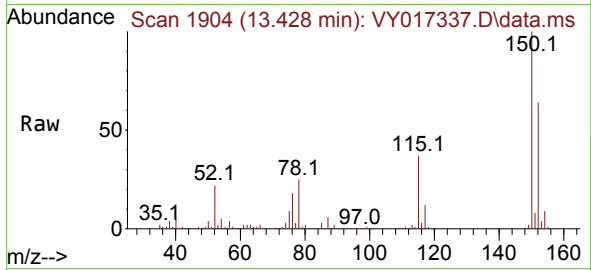
Acq: 09 Feb 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-9(10-11)



Tgt Ion:152 Resp: 57686

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 159.5 0.0 344.6

