

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017321.D
 Acq On : 08 Feb 2024 18:34
 Operator : SY/MD
 Sample : P1394-06
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(13-14)

Quant Time: Feb 09 00:15:51 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)

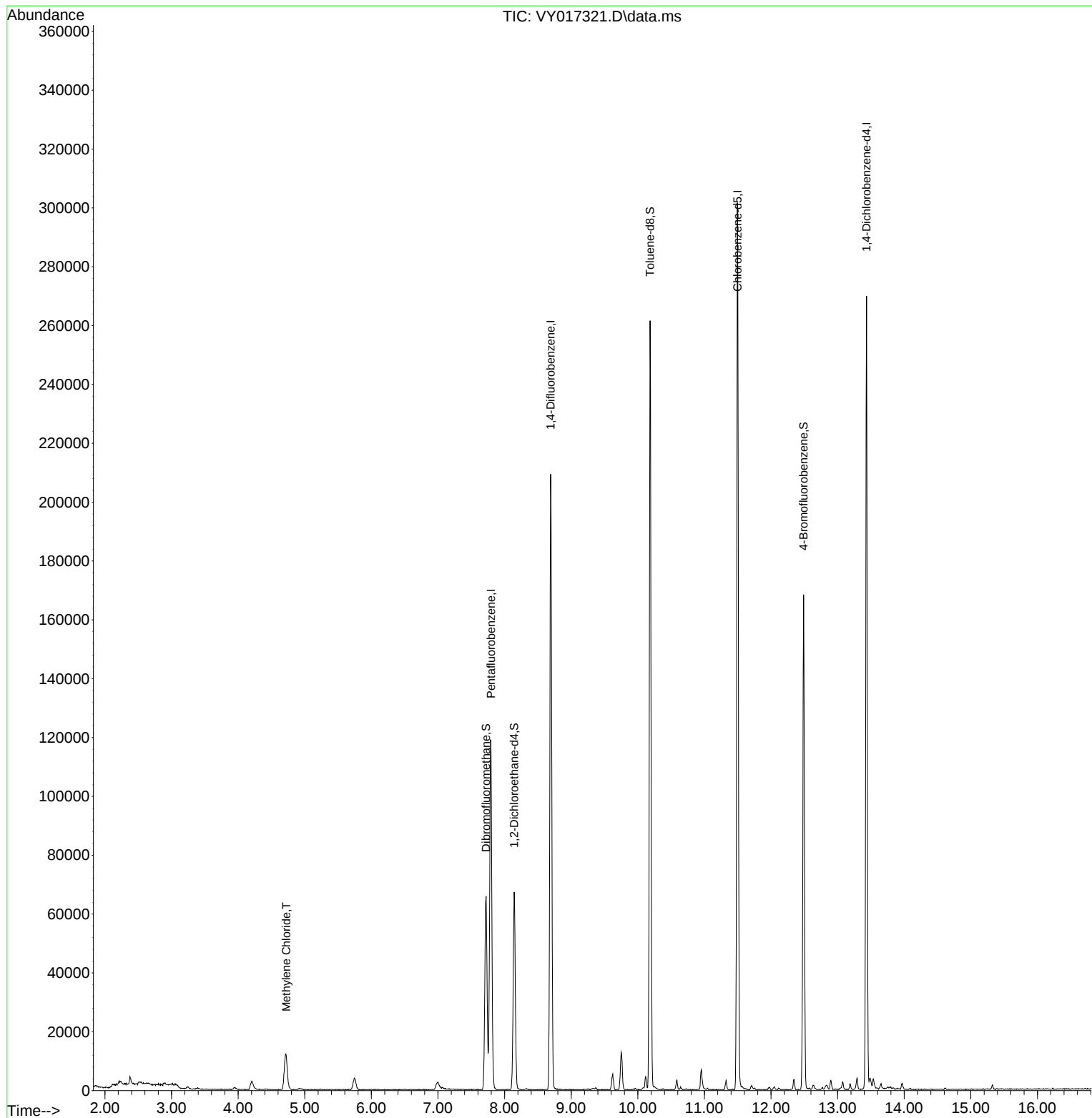
Internal Standards						
1) Pentafluorobenzene	7.795	168	90682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	178993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	65135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49509	61.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.220%
35) Dibromofluoromethane	7.722	113	47585	49.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.480%
50) Toluene-d8	10.185	98	168219	47.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.489	95	49203	42.686	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.380%
Target Compounds						
20) Methylene Chloride	4.722	84	9102	6.270	ug/l	Qvalue 89

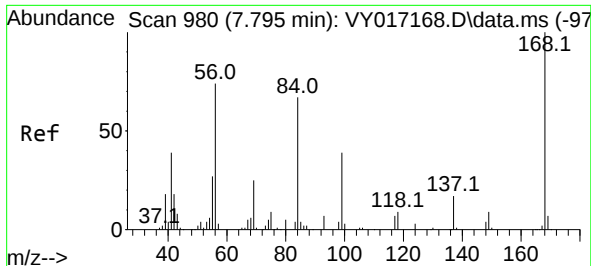
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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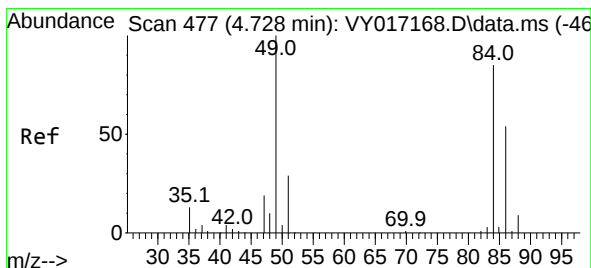
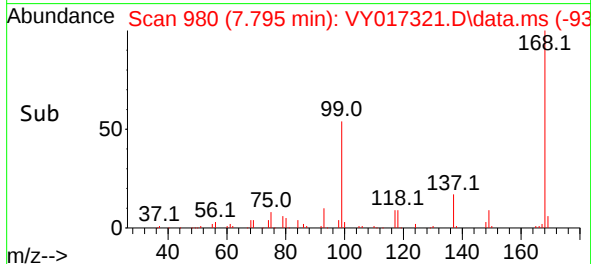
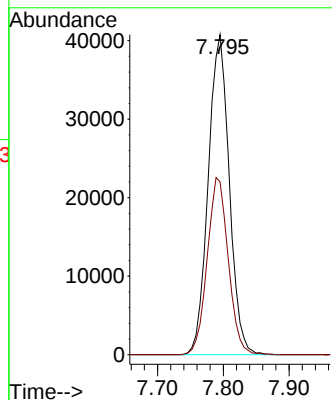
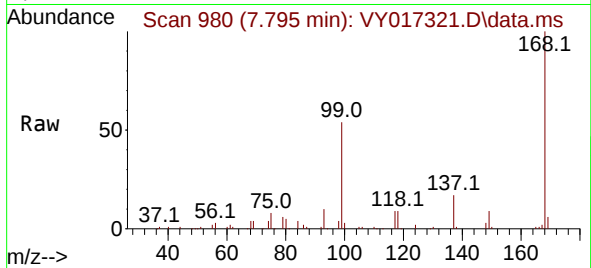




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

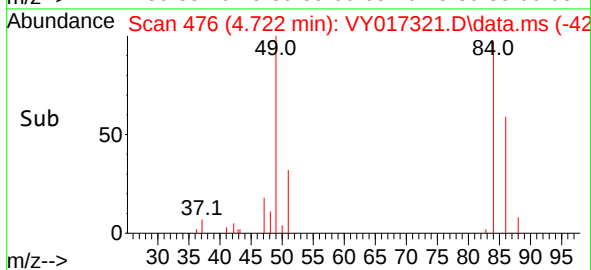
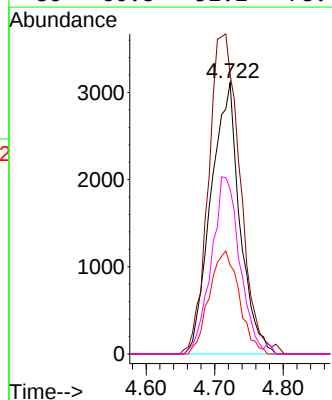
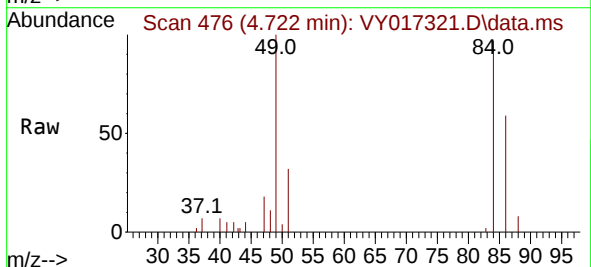
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(13-14)

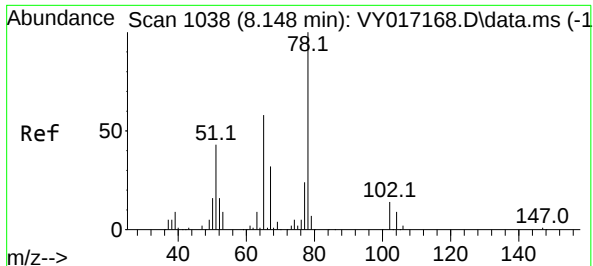
Tgt Ion:168 Resp: 90682
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#20
Methylene Chloride
Concen: 6.270 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

Tgt Ion: 84 Resp: 9102
Ion Ratio Lower Upper
84 100
49 102.9 95.2 142.8
51 32.7 29.9 44.9
86 60.8 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 61.115 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017321.D

Acq: 08 Feb 2024 18:34

Instrument :

MSVOA_Y

ClientSampleId :

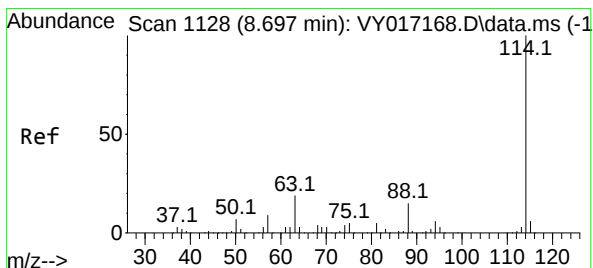
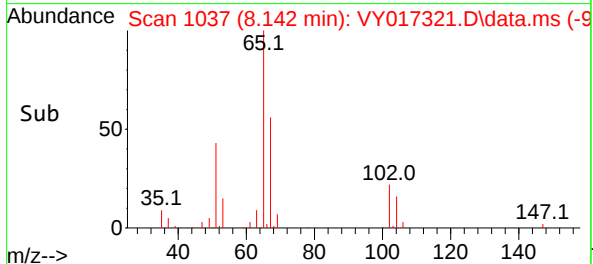
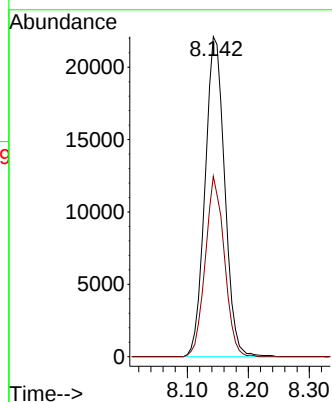
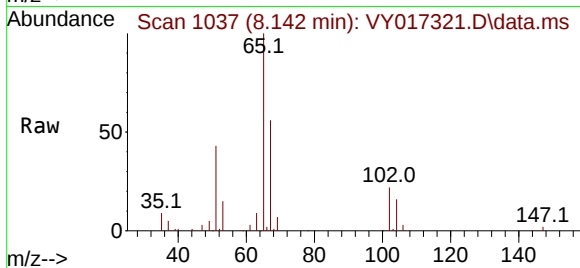
SB-5(13-14)

Tgt Ion: 65 Resp: 49509

Ion Ratio Lower Upper

65 100

67 54.6 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: VY017321.D

Acq: 08 Feb 2024 18:34

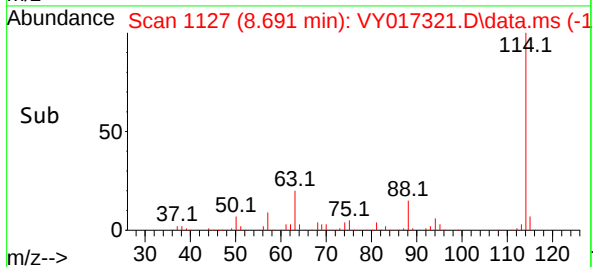
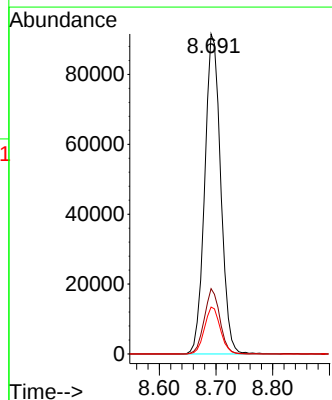
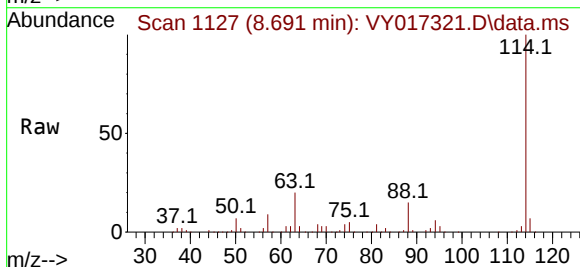
Tgt Ion: 114 Resp: 178993

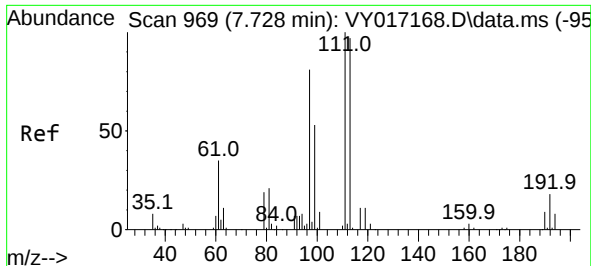
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 14.7 0.0 29.0

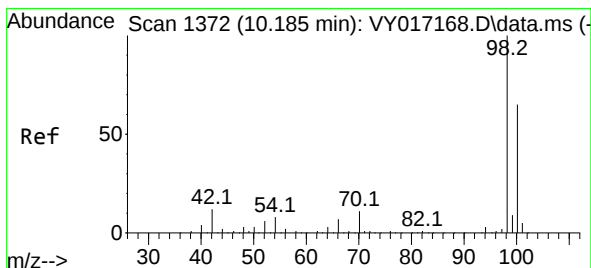
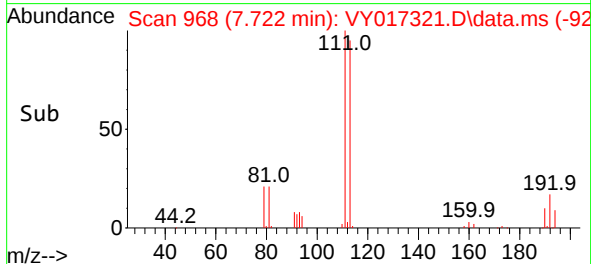
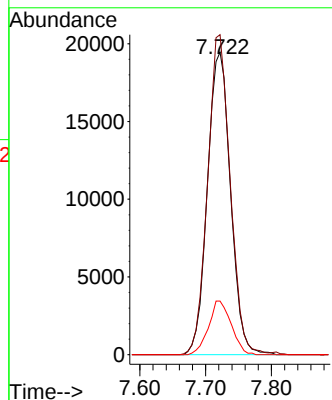
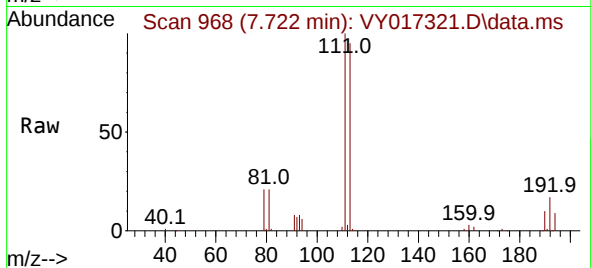




#35
 Dibromofluoromethane
 Concen: 49.237 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY017321.D
 Acq: 08 Feb 2024 18:34

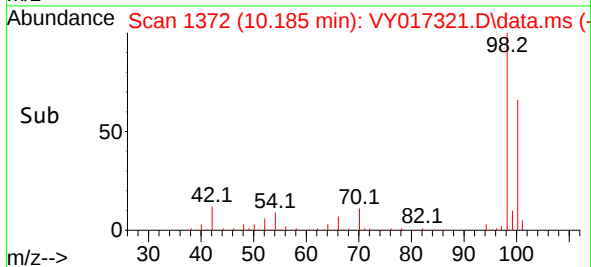
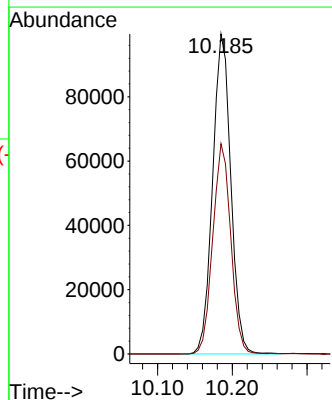
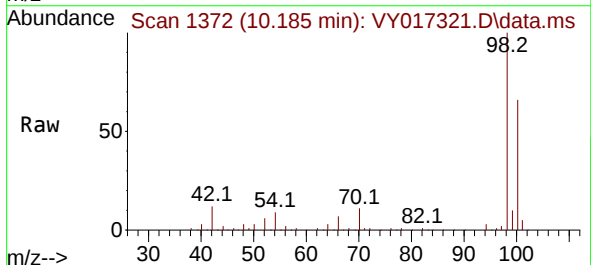
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(13-14)

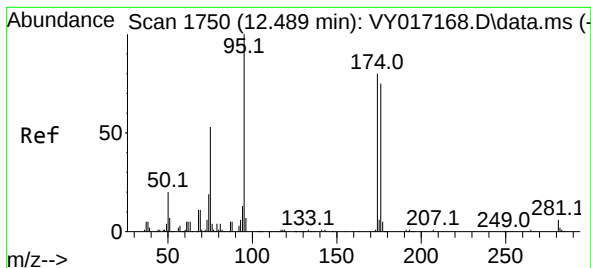
Tgt Ion:113 Resp: 47585
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.8 125.6
 192 17.4 14.5 21.7



#50
 Toluene-d8
 Concen: 47.806 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: VY017321.D
 Acq: 08 Feb 2024 18:34

Tgt Ion: 98 Resp: 168219
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.3 78.5

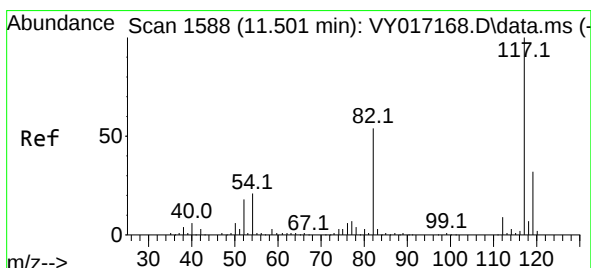
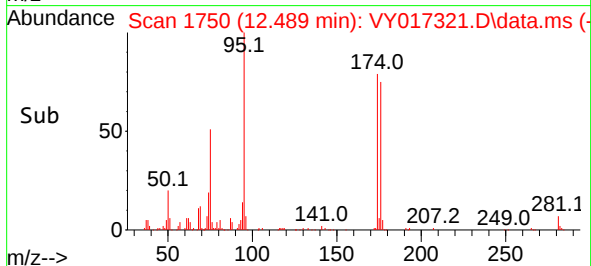
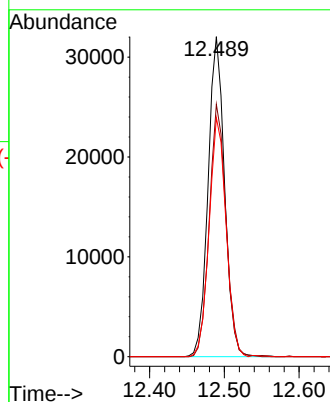
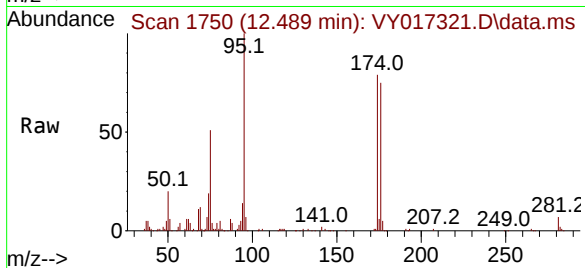




#62
4-Bromofluorobenzene
Concen: 42.686 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

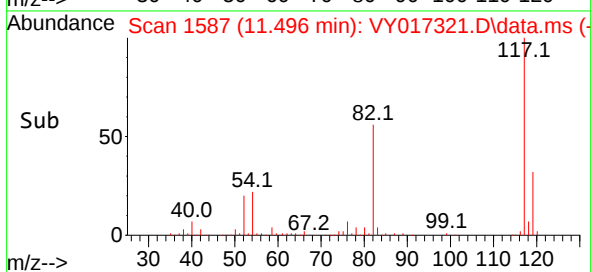
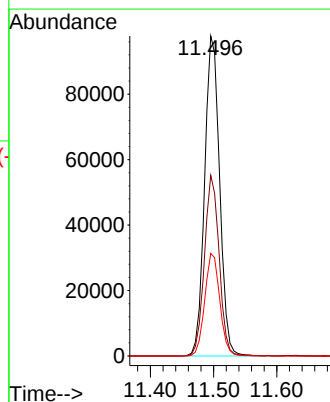
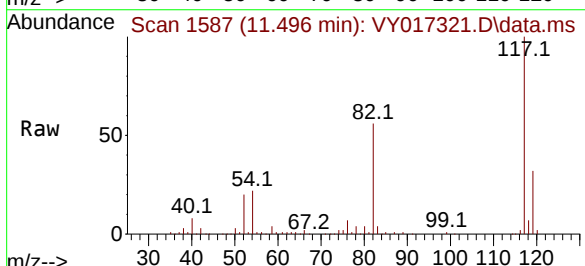
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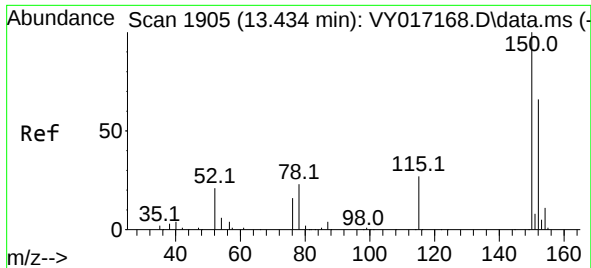
Tgt Ion:	95	Resp:	49203
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	160.0
176	76.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

Tgt Ion:	117	Resp:	161658
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.8	65.8
119	32.1	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017321.D
 Acq: 08 Feb 2024 18:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(13-14)

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.0	90.0
150	156.4	0.0	344.6

