

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017222.D
 Acq On : 05 Feb 2024 12:33
 Operator : SY/MD
 Sample : P1366-01
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-2-6-8

Quant Time: Feb 06 01:13:05 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)

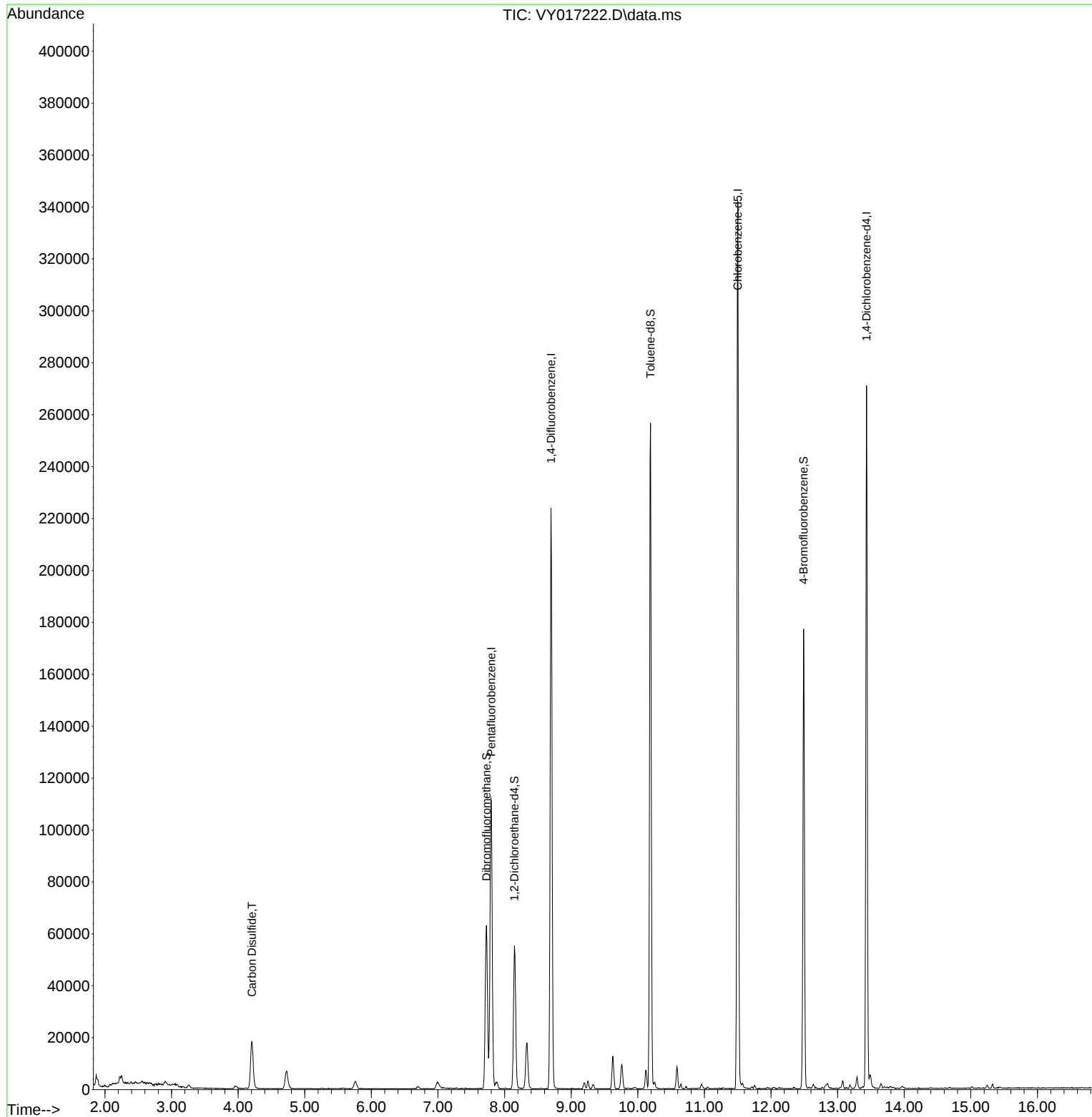
Internal Standards						
1) Pentafluorobenzene	7.801	168	89134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	190667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	186034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	41965	52.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.400%
35) Dibromofluoromethane	7.728	113	46187	44.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.720%
50) Toluene-d8	10.191	98	169535	45.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.460%
62) 4-Bromofluorobenzene	12.489	95	53101	43.247	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.500%
Target Compounds						
17) Carbon Disulfide	4.204	76	37881	13.735	ug/l	Qvalue 98

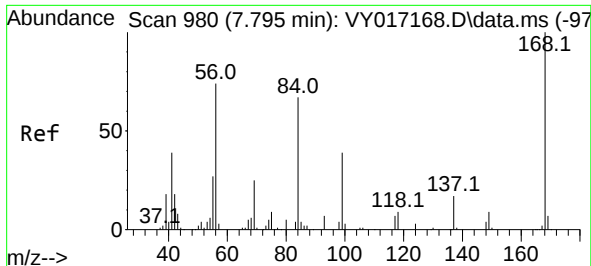
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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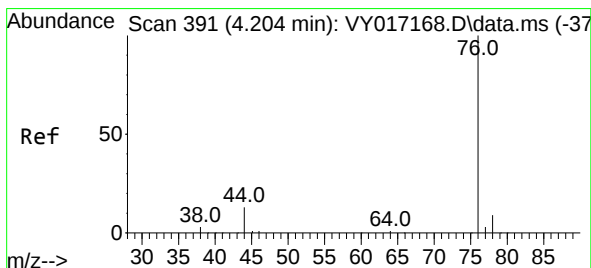
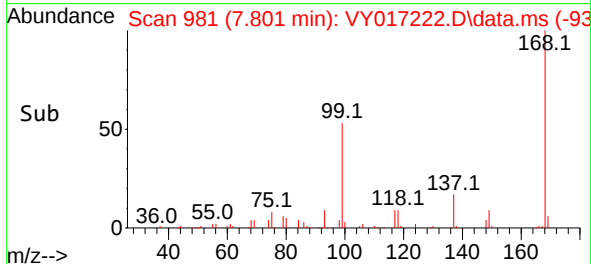
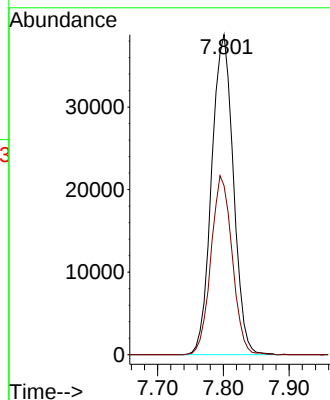
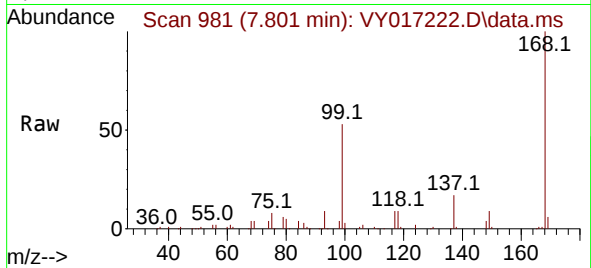




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

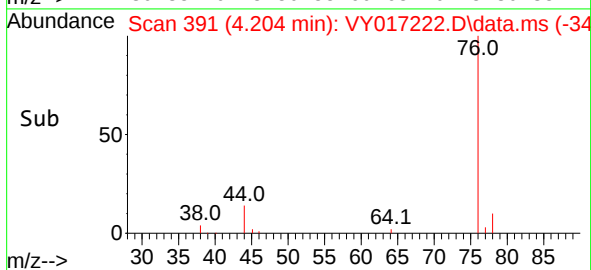
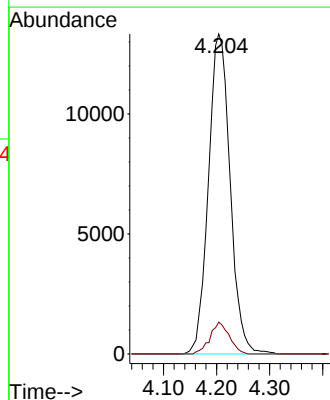
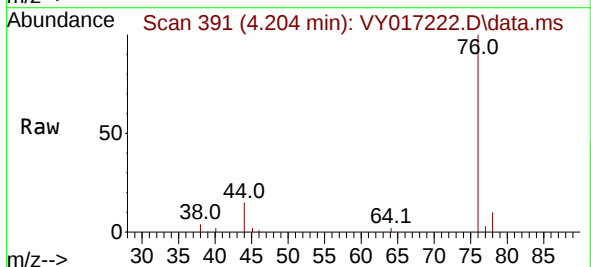
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-6-8

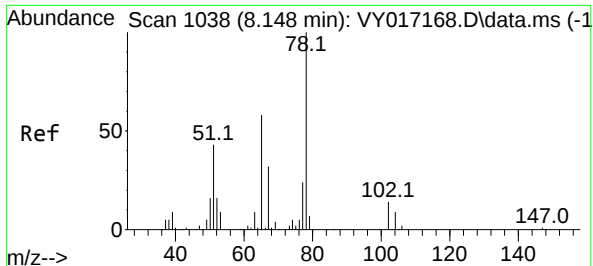
Tgt Ion:168 Resp: 89134
Ion Ratio Lower Upper
168 100
99 52.8 44.2 66.4



#17
Carbon Disulfide
Concen: 13.735 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

Tgt Ion: 76 Resp: 37881
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0





#33

1,2-Dichloroethane-d4

Concen: 52.702 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017222.D

Acq: 05 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

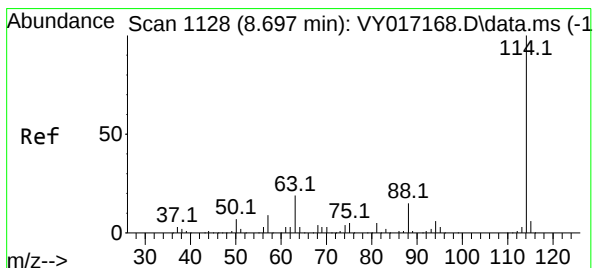
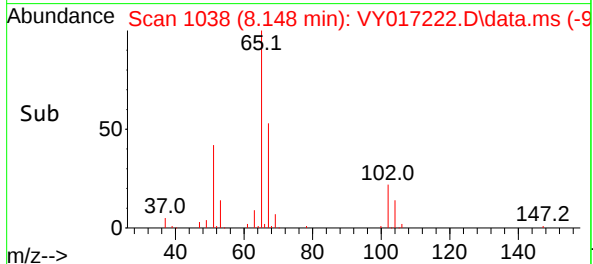
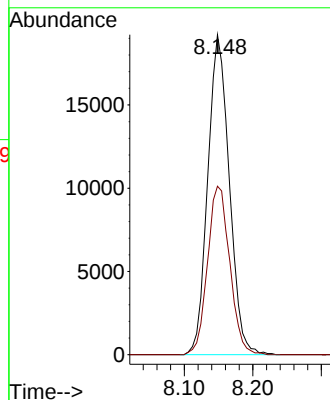
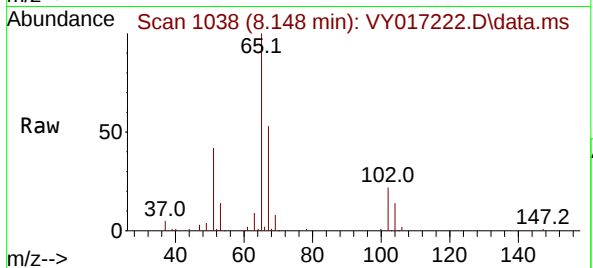
EB-2-6-8

Tgt Ion: 65 Resp: 41965

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017222.D

Acq: 05 Feb 2024 12:33

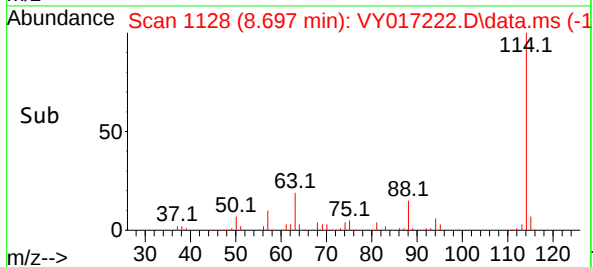
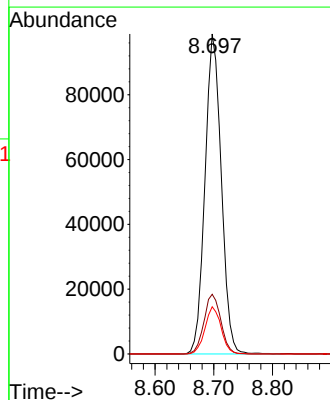
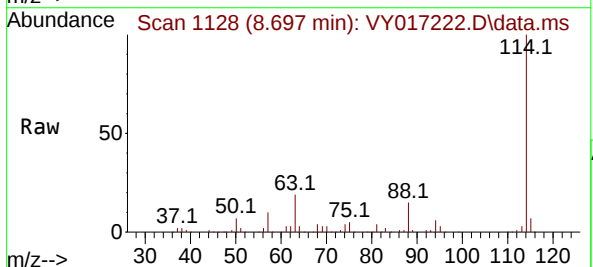
Tgt Ion: 114 Resp: 190667

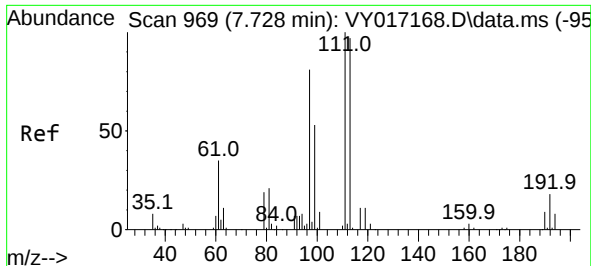
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.8 0.0 29.0

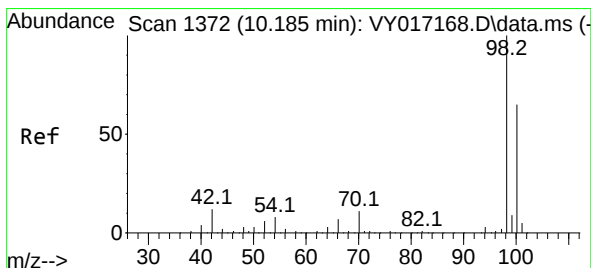
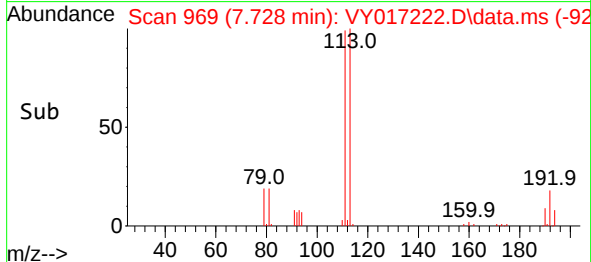
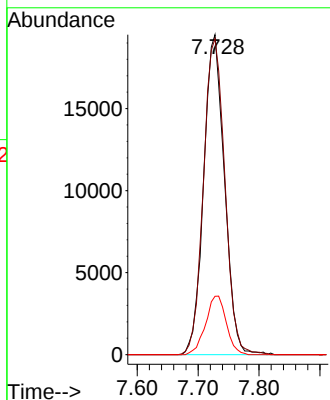
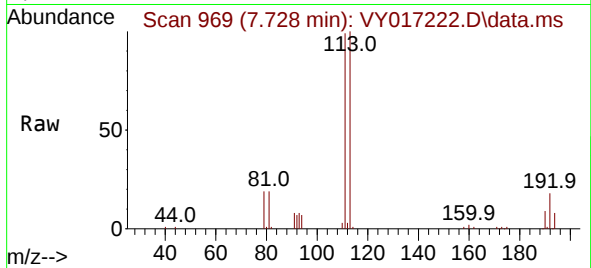




#35
 Dibromofluoromethane
 Concen: 44.864 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY017222.D
 Acq: 05 Feb 2024 12:33

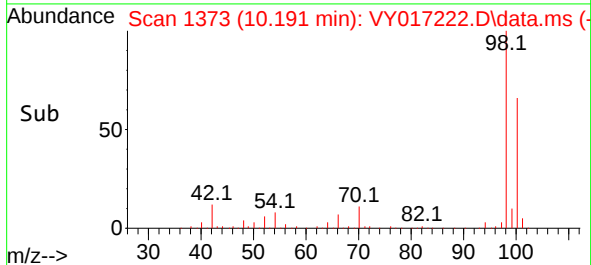
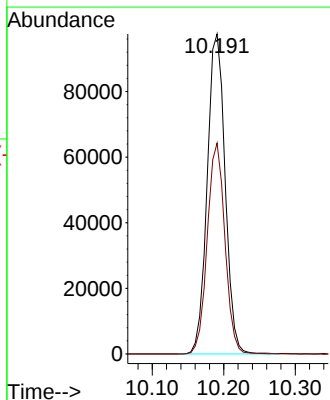
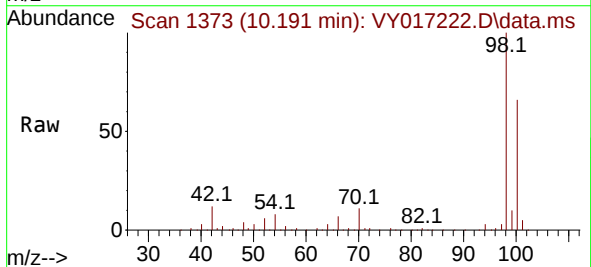
Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-2-6-8

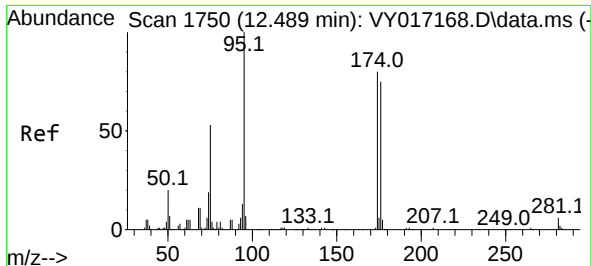
Tgt Ion:113	Resp:	46187
Ion	Ratio	Lower Upper
113	100	
111	101.6	83.8 125.6
192	18.3	14.5 21.7



#50
 Toluene-d8
 Concen: 45.230 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.006 min
 Lab File: VY017222.D
 Acq: 05 Feb 2024 12:33

Tgt Ion: 98	Resp:	169535
Ion	Ratio	Lower Upper
98	100	
100	64.9	52.3 78.5

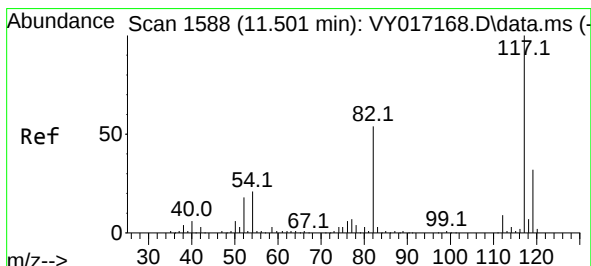
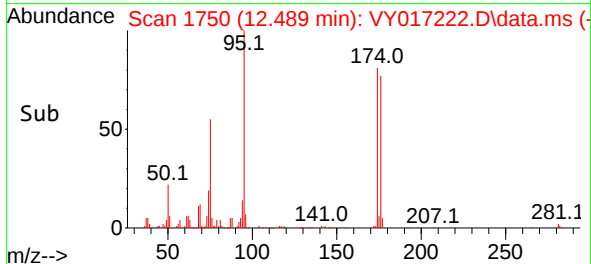
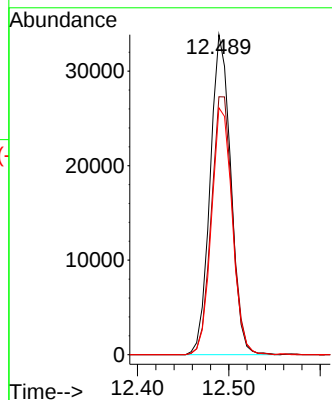
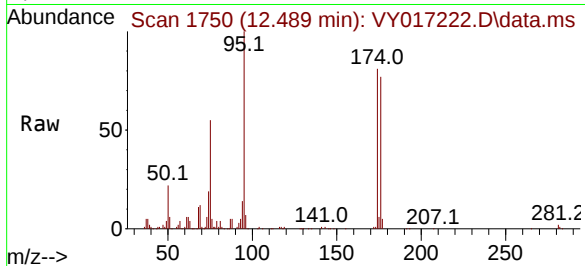




#62
4-Bromofluorobenzene
Concen: 43.247 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

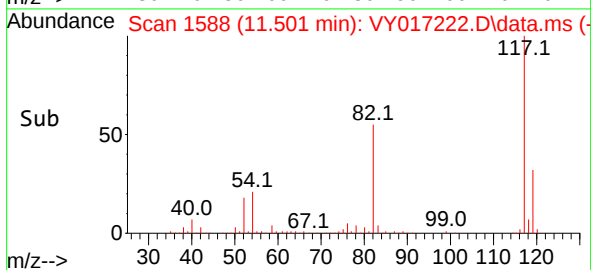
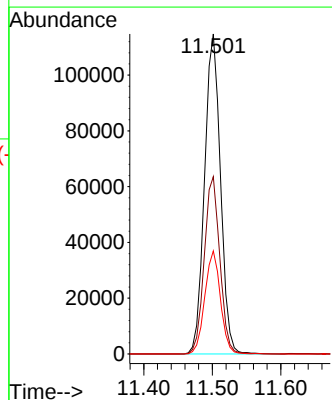
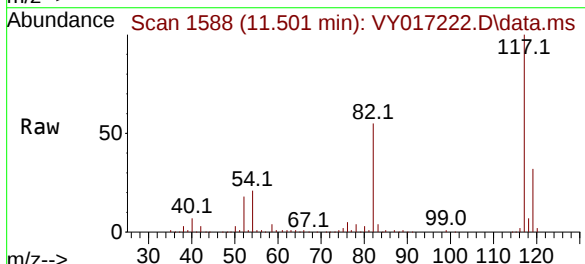
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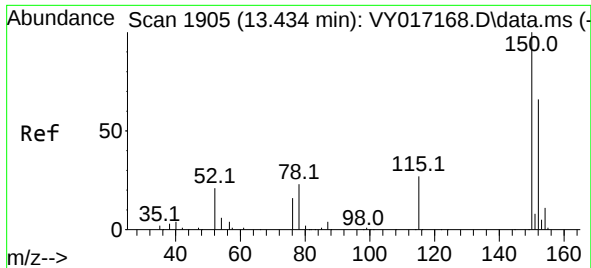
Tgt Ion:	95	Resp:	53101
Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	160.0
176	77.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

Tgt Ion:	117	Resp:	186034
Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.8	65.8
119	32.2	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: VY017222.D

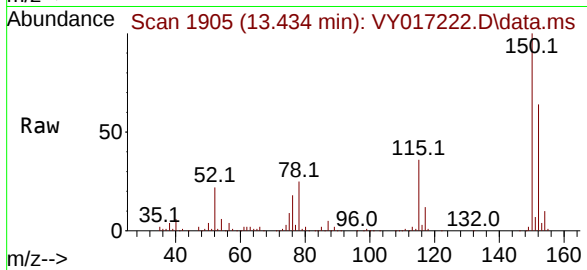
Acq: 05 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-6-8



Tgt Ion:152 Resp: 68345

Ion Ratio Lower Upper

152 100

115 56.4 30.0 90.0

150 156.8 0.0 344.6

