

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017308.D
 Acq On : 08 Feb 2024 13:24
 Operator : SY/MD
 Sample : P1337-01
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 08 14:33:31 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)

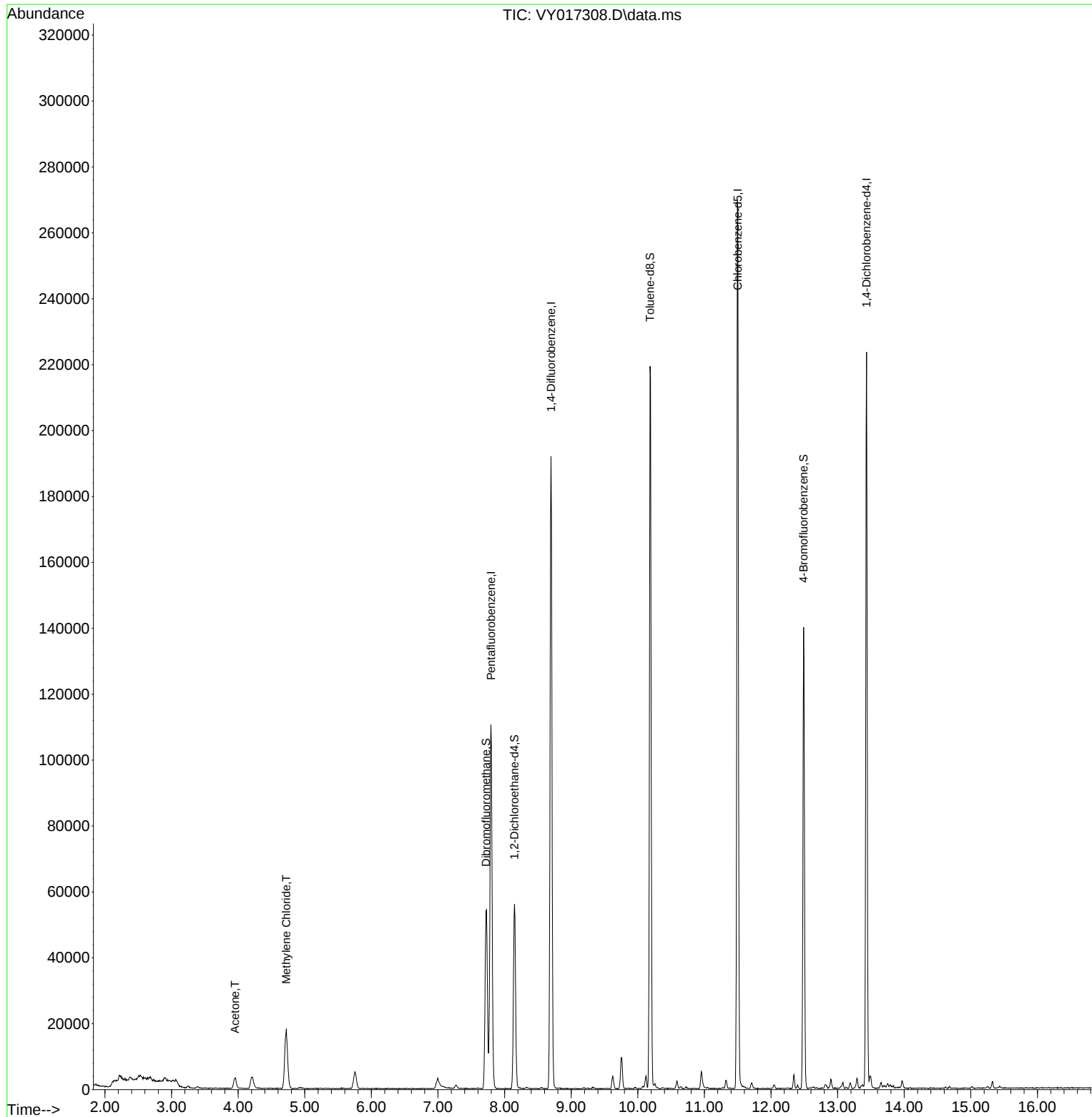
Internal Standards						
1) Pentafluorobenzene	7.795	168	81915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	161448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	145098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	52457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	42231	57.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.420%
35) Dibromofluoromethane	7.722	113	40133	46.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.080%
50) Toluene-d8	10.185	98	142081	44.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.540%
62) 4-Bromofluorobenzene	12.489	95	39094	37.601	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.200%
Target Compounds						
16) Acetone	3.954	43	6264	29.124	ug/l	96
20) Methylene Chloride	4.722	84	13046	12.159	ug/l	91

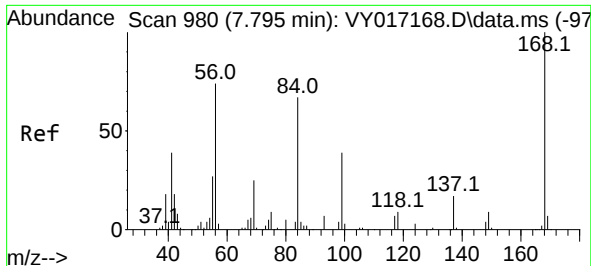
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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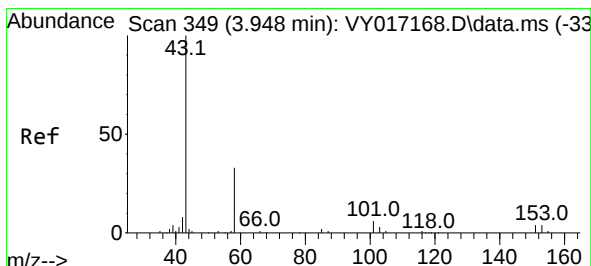
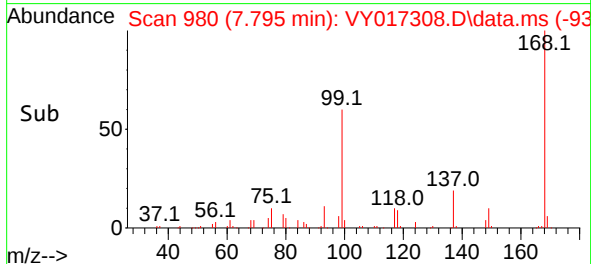
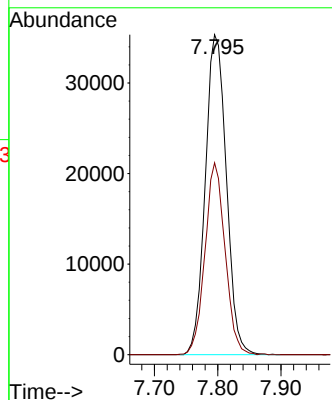
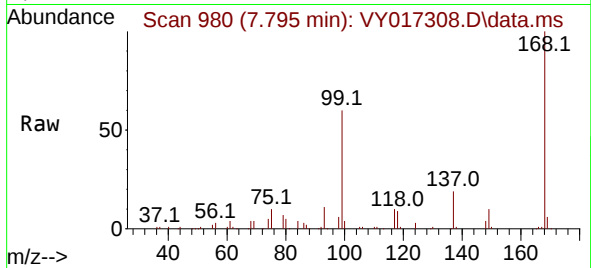




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017308.D
Acq: 08 Feb 2024 13:24

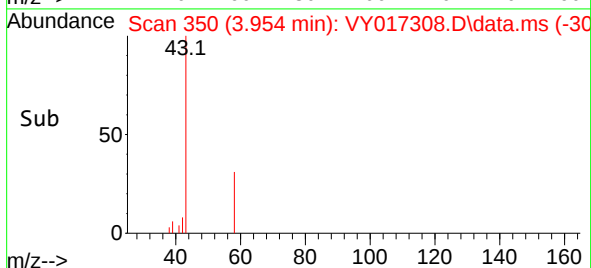
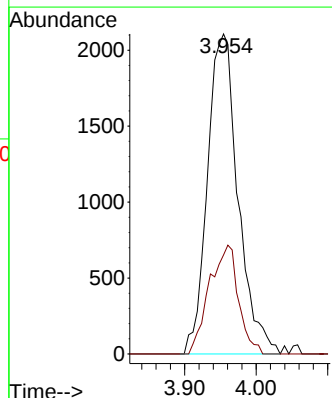
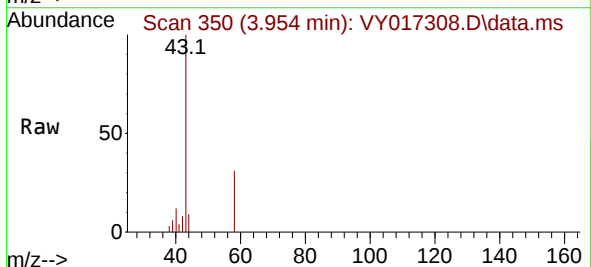
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

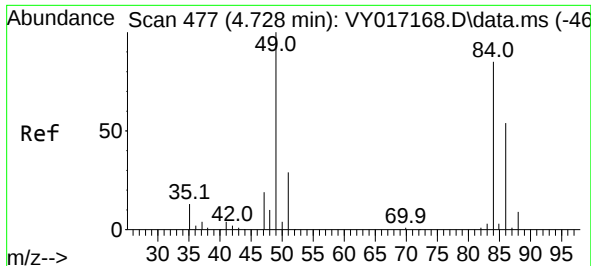
Tgt Ion:168 Resp: 81915
Ion Ratio Lower Upper
168 100
99 59.9 44.2 66.4



#16
Acetone
Concen: 29.124 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017308.D
Acq: 08 Feb 2024 13:24

Tgt Ion: 43 Resp: 6264
Ion Ratio Lower Upper
43 100
58 30.9 26.6 39.8



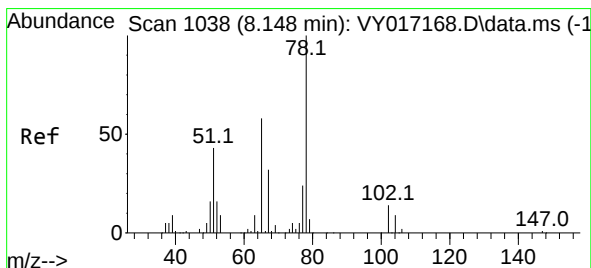
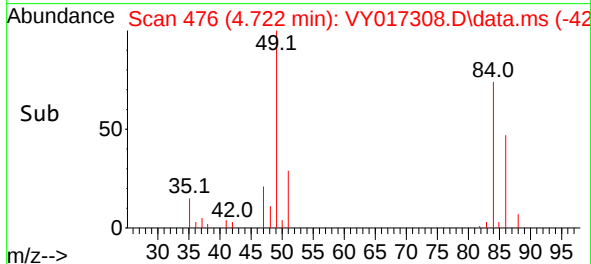
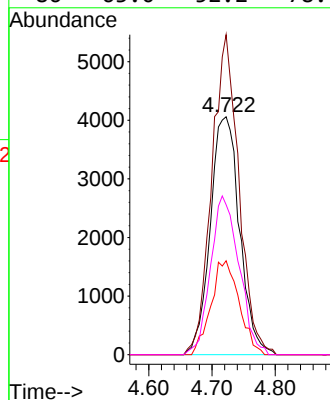
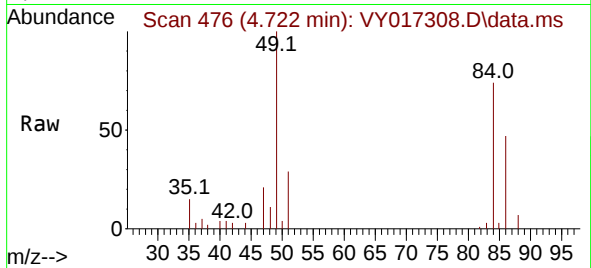


#20
Methylene Chloride
Concen: 12.159 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017308.D
Acq: 08 Feb 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 13046

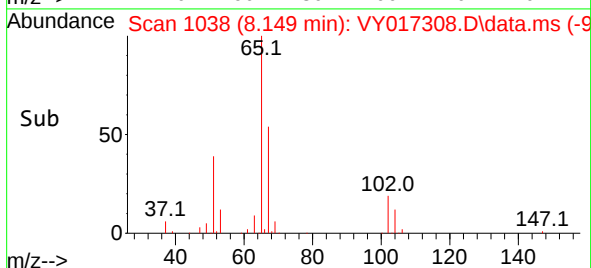
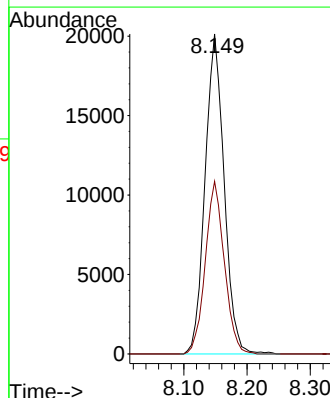
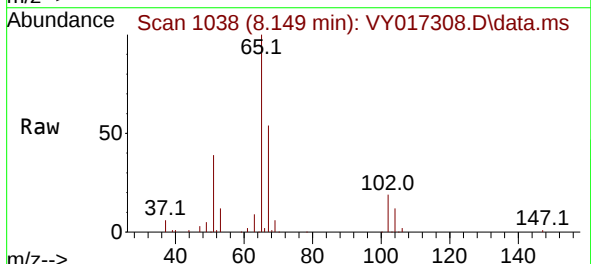
Ion	Ratio	Lower	Upper
84	100		
49	134.5	95.2	142.8
51	39.5	29.9	44.9
86	63.0	52.2	78.4

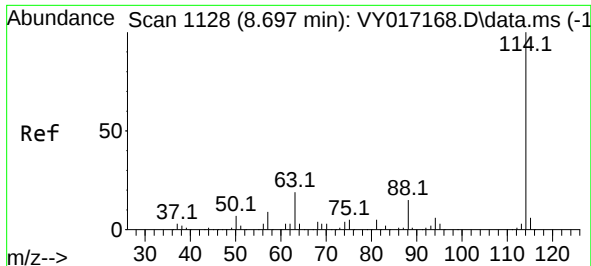


#33
1,2-Dichloroethane-d4
Concen: 57.710 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017308.D
Acq: 08 Feb 2024 13:24

Tgt Ion: 65 Resp: 42231

Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VY017308.D

Acq: 08 Feb 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

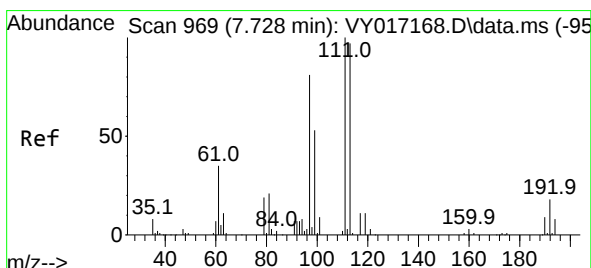
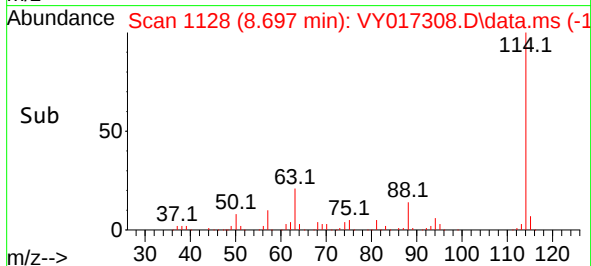
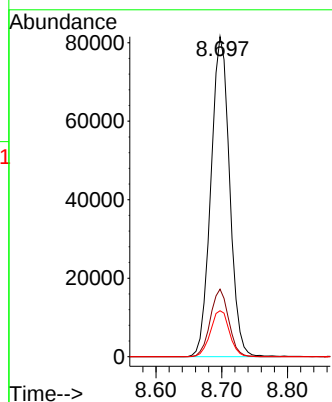
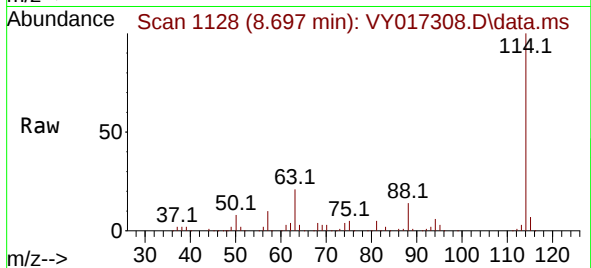
Tgt Ion:114 Resp: 161448

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.039 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017308.D

Acq: 08 Feb 2024 13:24

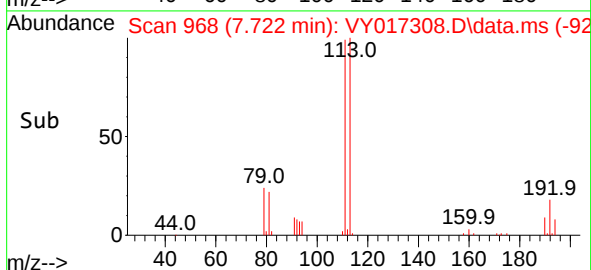
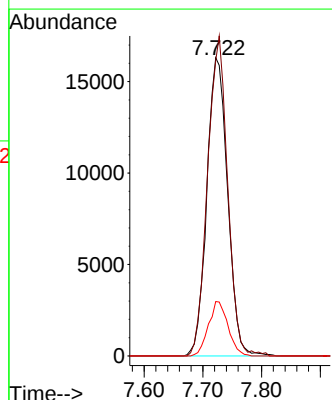
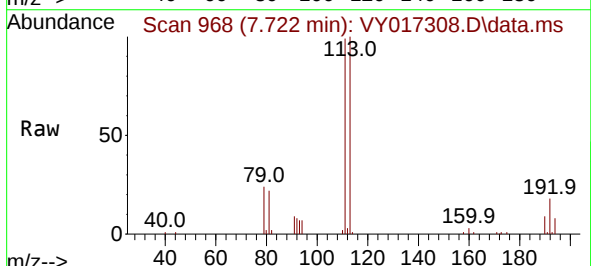
Tgt Ion:113 Resp: 40133

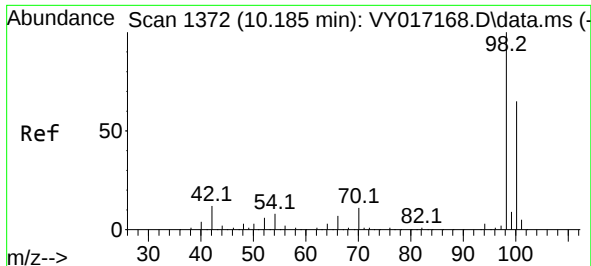
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.2 14.5 21.7

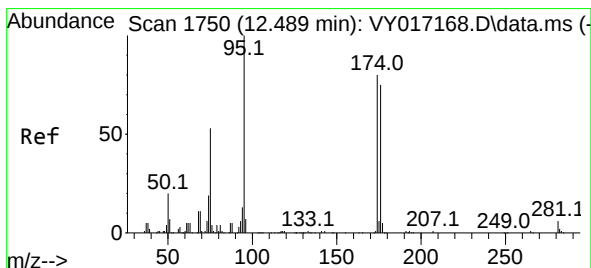
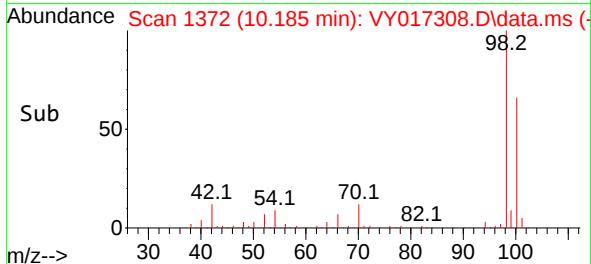
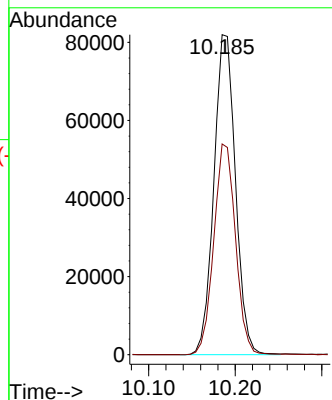
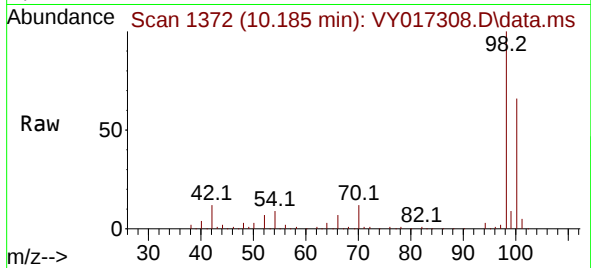




#50
Toluene-d8
Concen: 44.766 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017308.D
Acq: 08 Feb 2024 13:24

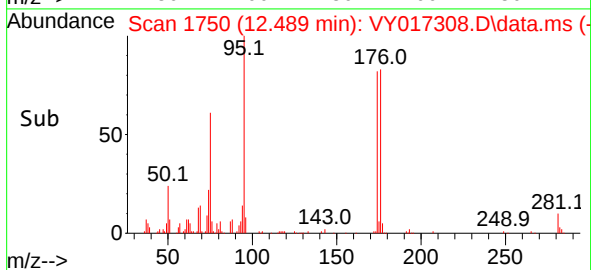
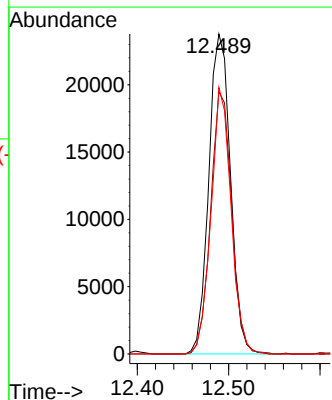
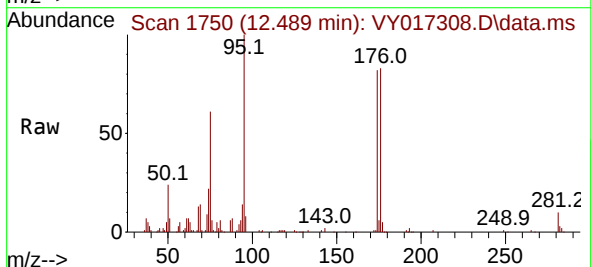
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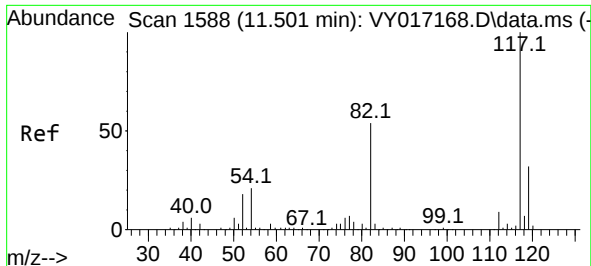
Tgt Ion: 98 Resp: 142081
Ion Ratio Lower Upper
98 100
100 66.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.601 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017308.D
Acq: 08 Feb 2024 13:24

Tgt Ion: 95 Resp: 39094
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.0
176 77.4 0.0 151.8

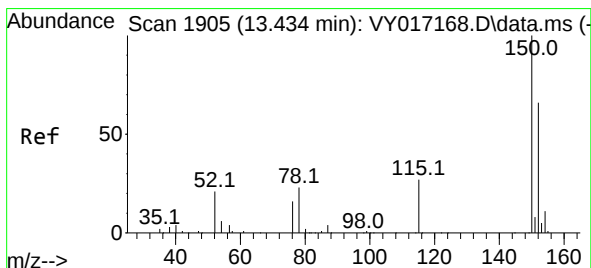
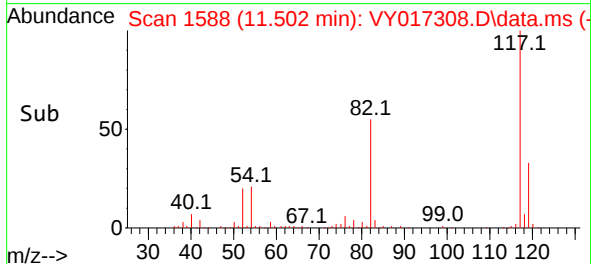
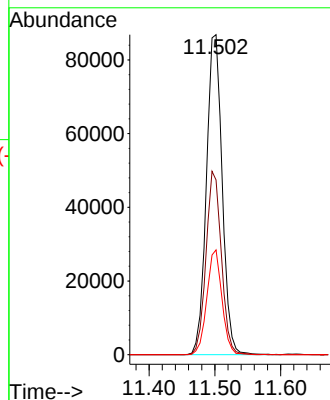
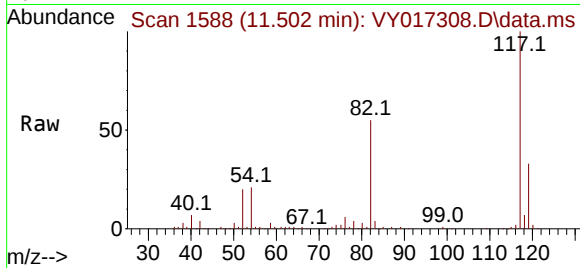




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017308.D
Acq: 08 Feb 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 145098
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 32.7 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: VY017308.D
Acq: 08 Feb 2024 13:24

Tgt Ion:152 Resp: 52457
Ion Ratio Lower Upper
152 100
115 62.3 30.0 90.0
150 158.2 0.0 344.6

