

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017309.D
 Acq On : 08 Feb 2024 13:47
 Operator : SY/MD
 Sample : P1337-04
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Feb 08 14:33:54 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)

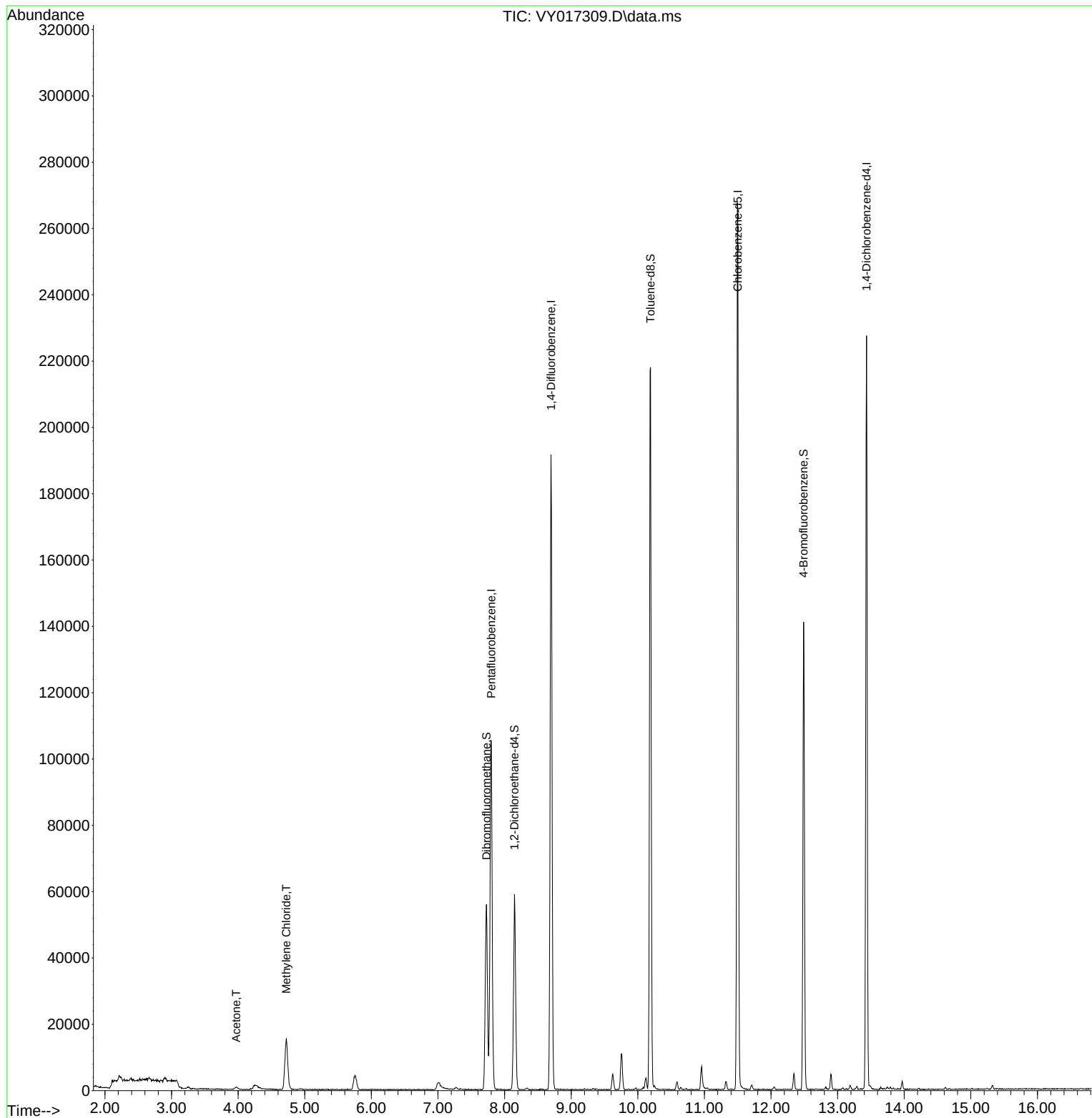
Internal Standards						
1) Pentafluorobenzene	7.801	168	77164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	144382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	53988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	42432	61.555	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.100%			
35) Dibromofluoromethane	7.728	113	39552	46.277	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.560%			
50) Toluene-d8	10.191	98	141418	45.445	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.900%			
62) 4-Bromofluorobenzene	12.489	95	40781	40.006	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.020%			
Target Compounds						
16) Acetone	3.972	43	1717	8.475	ug/l	91
20) Methylene Chloride	4.722	84	11395	11.000	ug/l	95

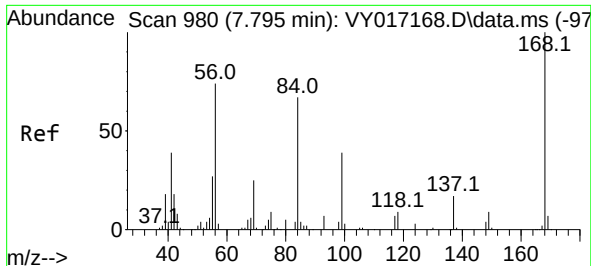
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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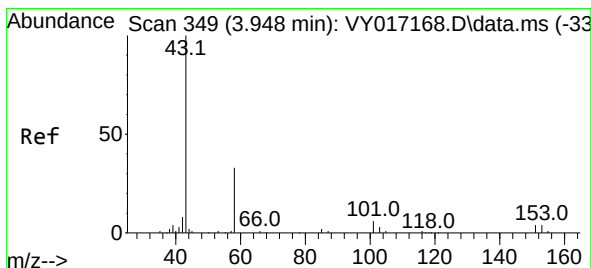
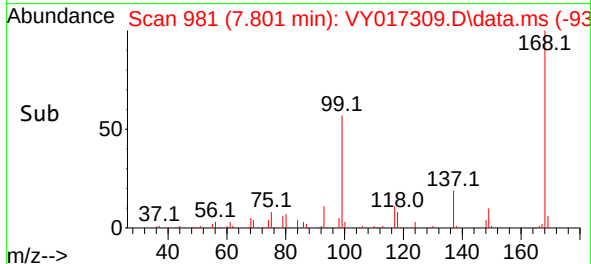
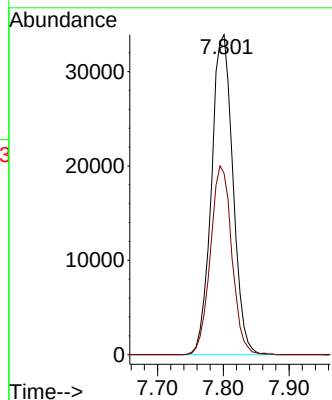
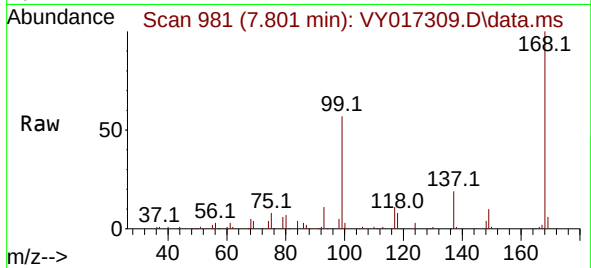




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017309.D
Acq: 08 Feb 2024 13:47

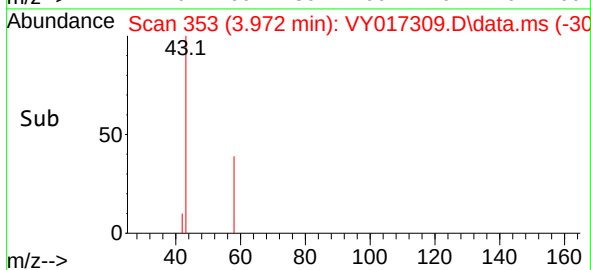
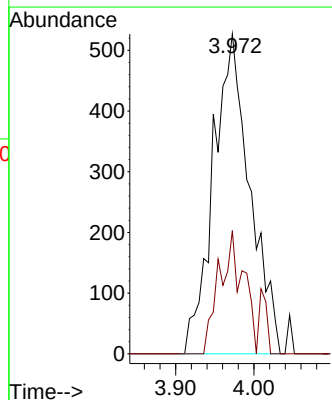
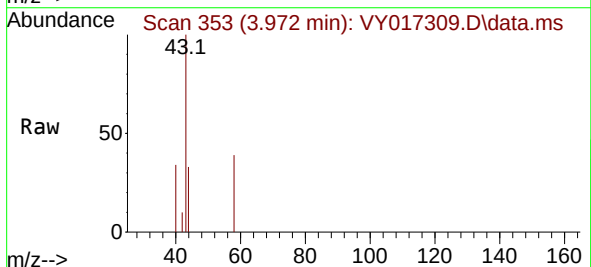
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

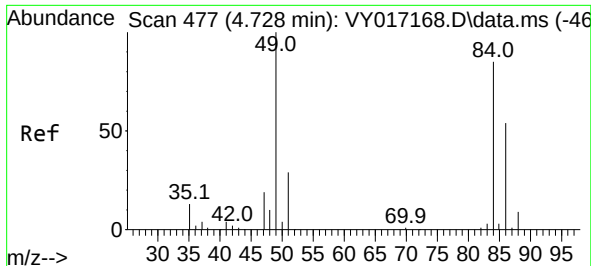
Tgt Ion:168 Resp: 77164
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#16
Acetone
Concen: 8.475 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017309.D
Acq: 08 Feb 2024 13:47

Tgt Ion: 43 Resp: 1717
Ion Ratio Lower Upper
43 100
58 38.5 26.6 39.8

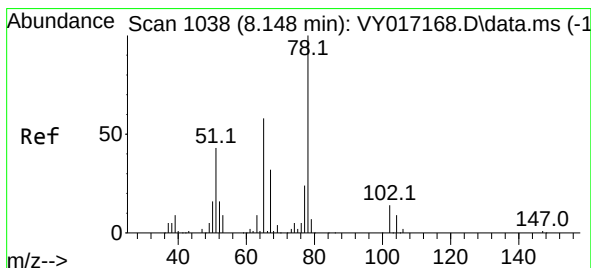
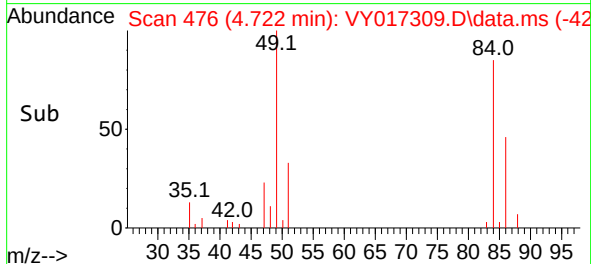
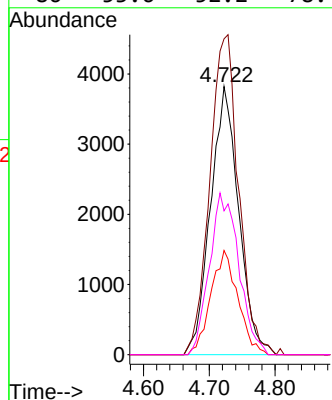
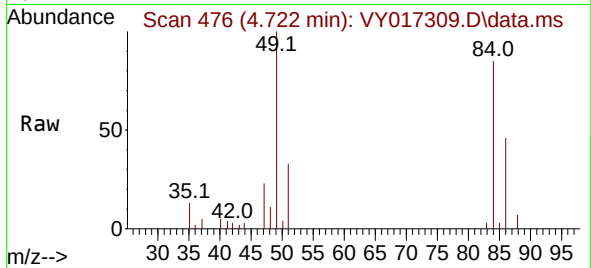




#20
Methylene Chloride
Concen: 11.000 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017309.D
Acq: 08 Feb 2024 13:47

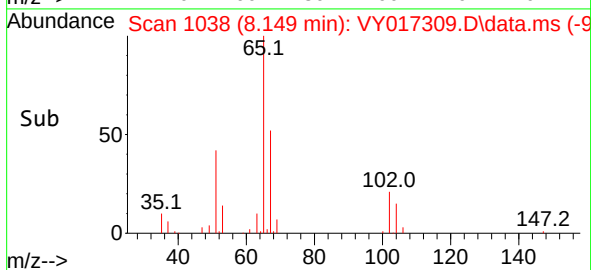
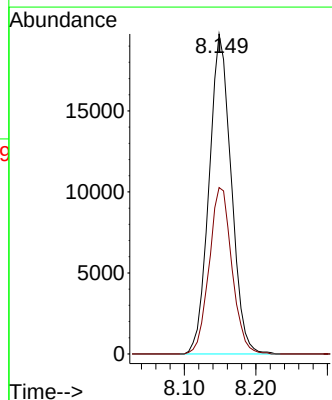
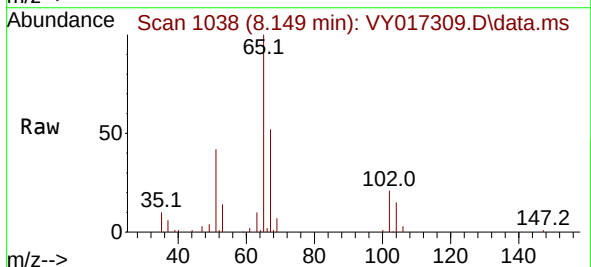
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

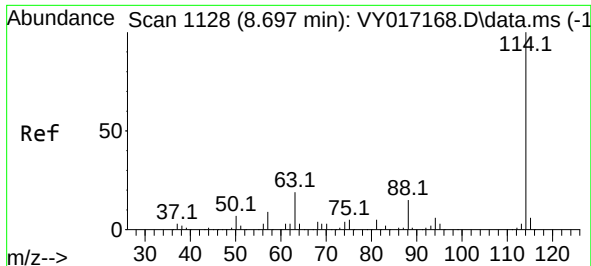
Tgt Ion:	84	Resp:	11395
Ion	Ratio	Lower	Upper
84	100		
49	117.8	95.2	142.8
51	38.8	29.9	44.9
86	53.6	52.2	78.4



#33
1,2-Dichloroethane-d4
Concen: 61.555 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017309.D
Acq: 08 Feb 2024 13:47

Tgt Ion:	65	Resp:	42432
Ion	Ratio	Lower	Upper
65	100		
67	53.5	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: VY017309.D

Acq: 08 Feb 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

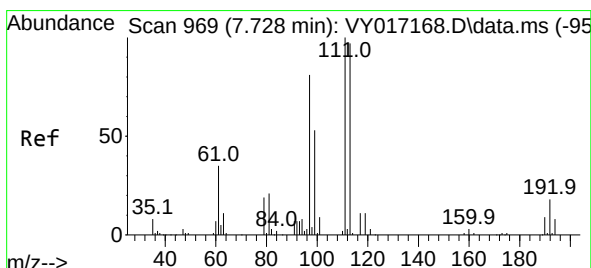
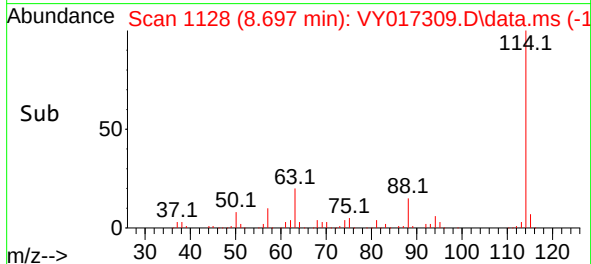
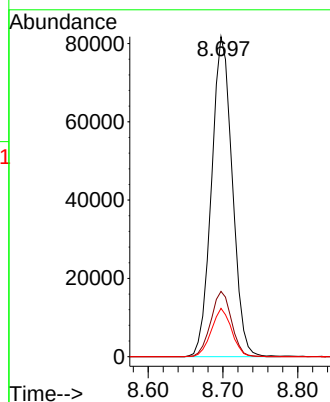
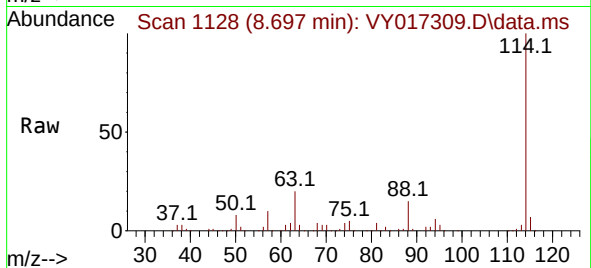
Tgt Ion:114 Resp: 158294

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.277 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017309.D

Acq: 08 Feb 2024 13:47

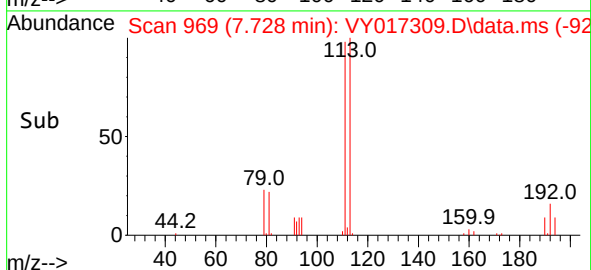
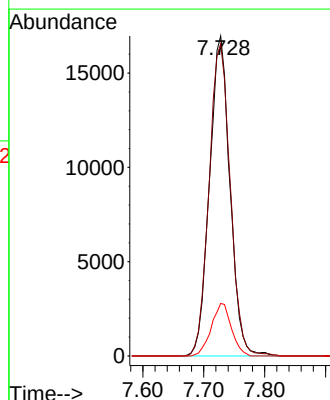
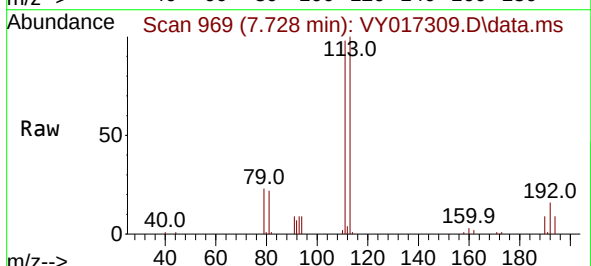
Tgt Ion:113 Resp: 39552

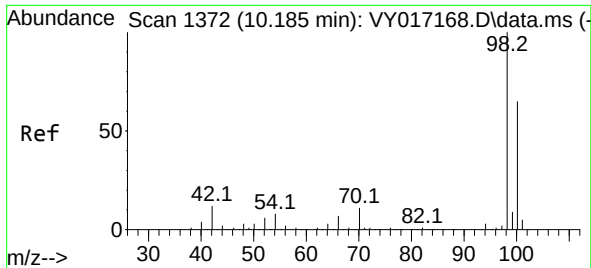
Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 16.1 14.5 21.7

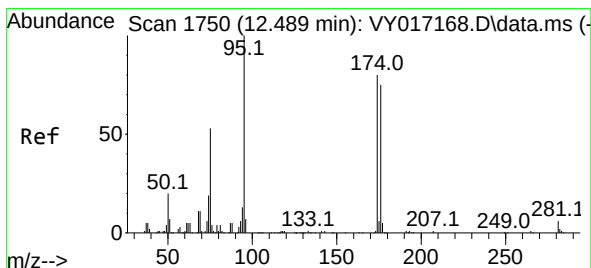
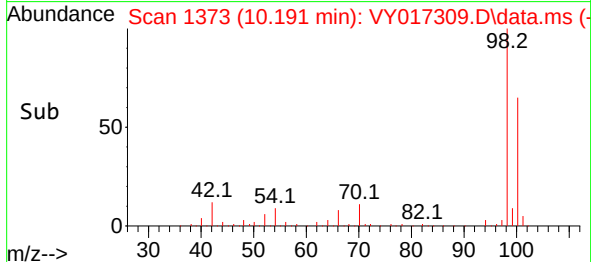
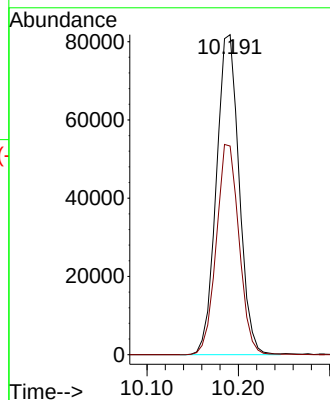
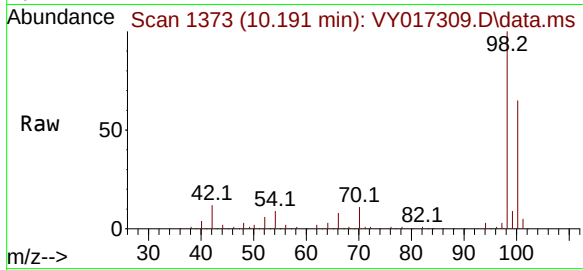




#50
Toluene-d8
Concen: 45.445 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017309.D
Acq: 08 Feb 2024 13:47

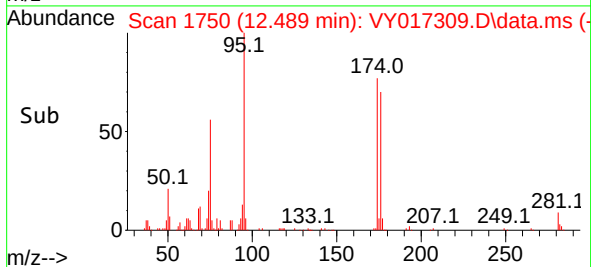
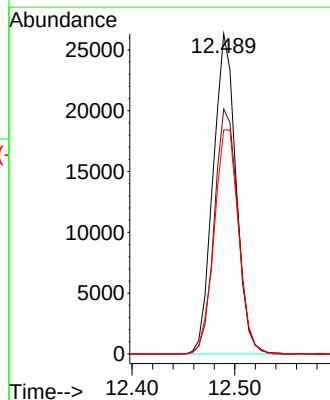
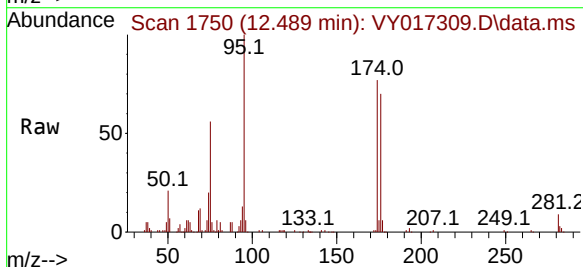
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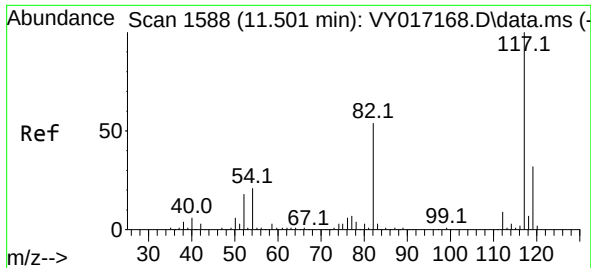
Tgt Ion: 98 Resp: 141418
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 40.006 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017309.D
Acq: 08 Feb 2024 13:47

Tgt Ion: 95 Resp: 40781
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 74.6 0.0 151.8

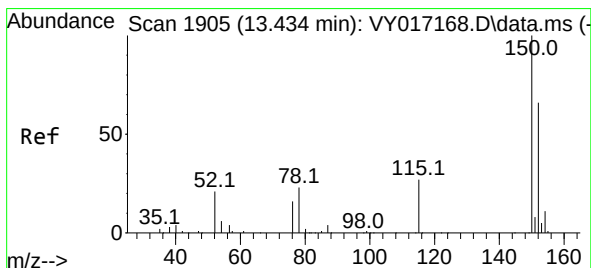
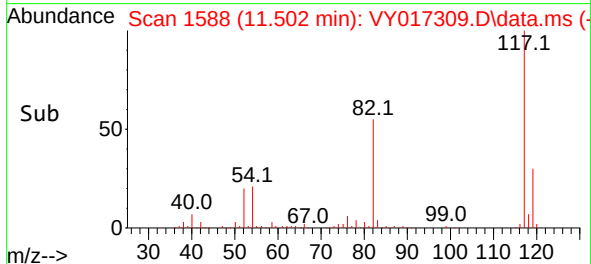
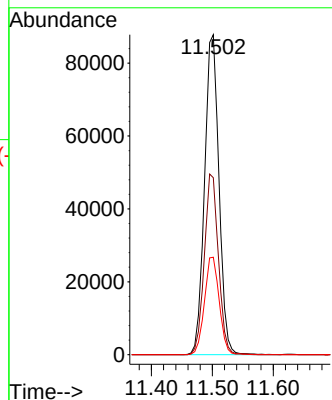
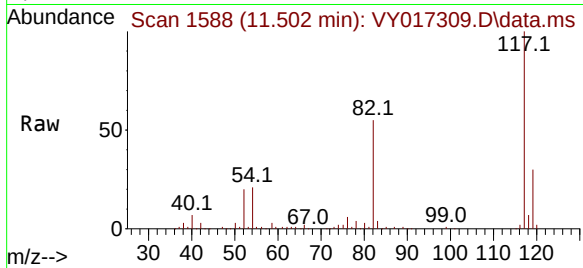




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017309.D
Acq: 08 Feb 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 144382
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 30.4 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: VY017309.D
Acq: 08 Feb 2024 13:47

Tgt Ion:152 Resp: 53988
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 156.6 0.0 344.6

