

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017559.D
 Acq On : 01 Mar 2024 18:35
 Operator : SY/MD
 Sample : P1660-08RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-195-GW-1000-1002RE

Quant Time: Mar 02 00:22:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

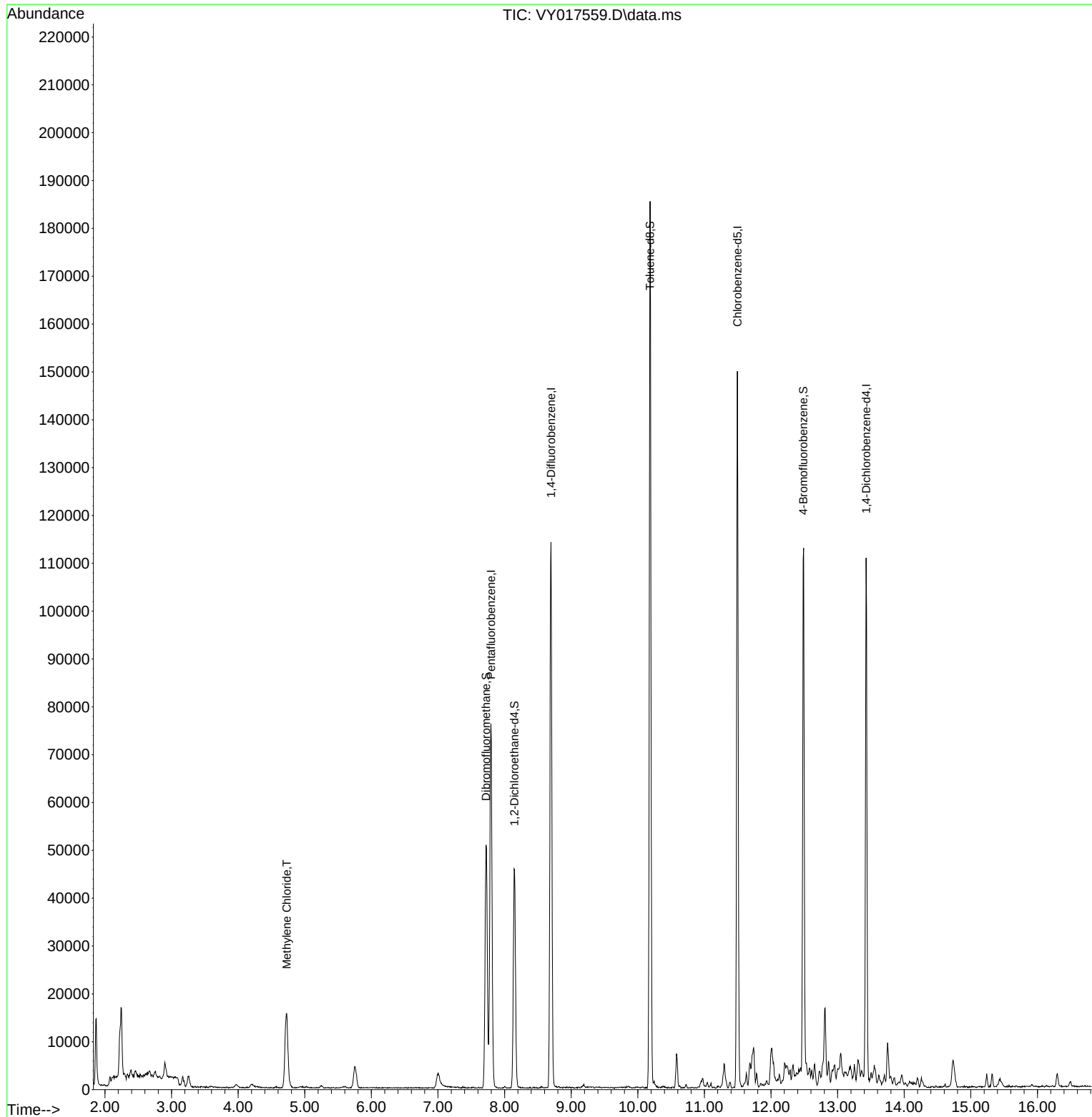
Internal Standards						
1) Pentafluorobenzene	7.795	168	63635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	104221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	84636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	34880	57.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.680%
35) Dibromofluoromethane	7.722	113	36801	50.673	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.340%
50) Toluene-d8	10.185	98	124585	49.064	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.483	95	32007	40.109	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.220%
Target Compounds						
20) Methylene Chloride	4.728	84	12876	14.889	ug/l	Qvalue 98

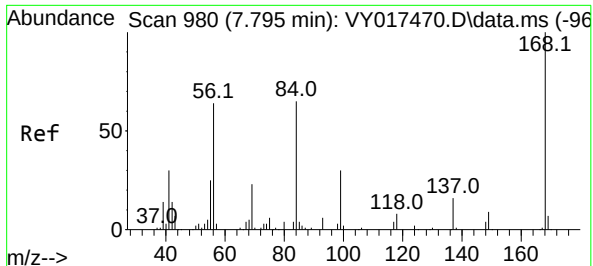
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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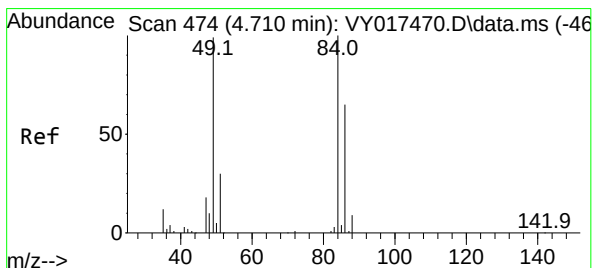
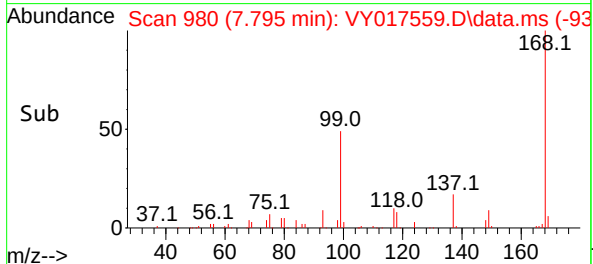
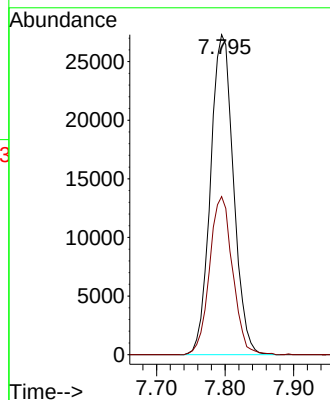
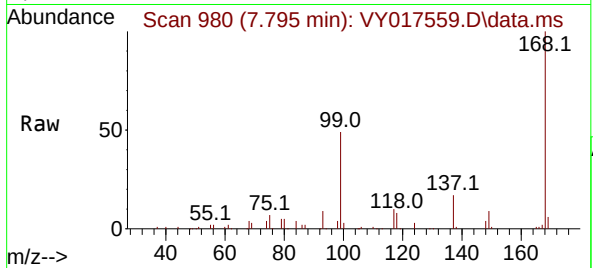




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017559.D
Acq: 01 Mar 2024 18:35

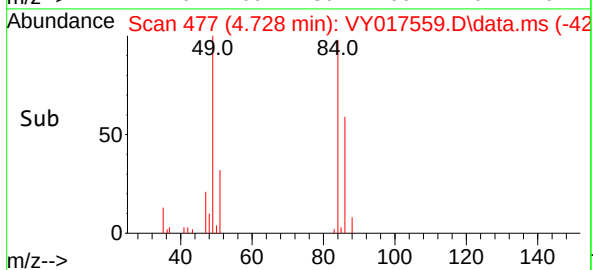
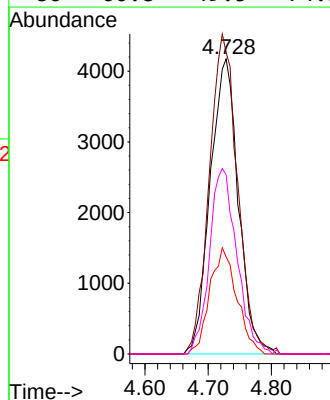
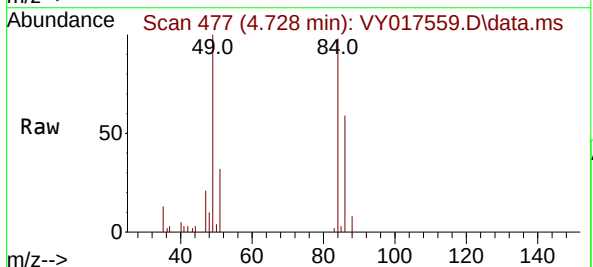
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-195-GW-1000-1002RE

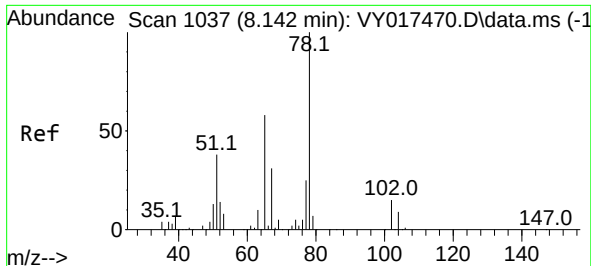
Tgt Ion:168 Resp: 63635
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#20
Methylene Chloride
Concen: 14.889 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.018 min
Lab File: VY017559.D
Acq: 01 Mar 2024 18:35

Tgt Ion: 84 Resp: 12876
Ion Ratio Lower Upper
84 100
49 102.2 84.4 126.6
51 32.9 26.0 39.0
86 60.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 57.836 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017559.D

Acq: 01 Mar 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

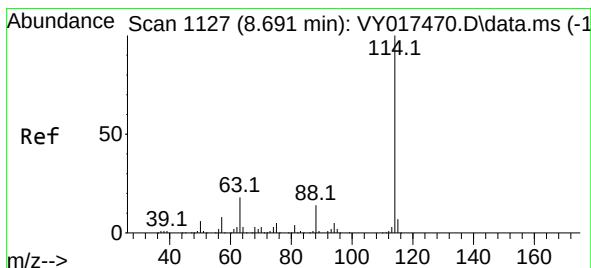
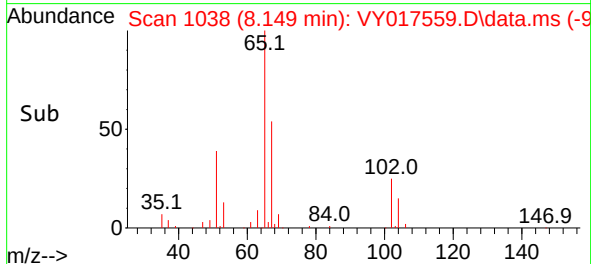
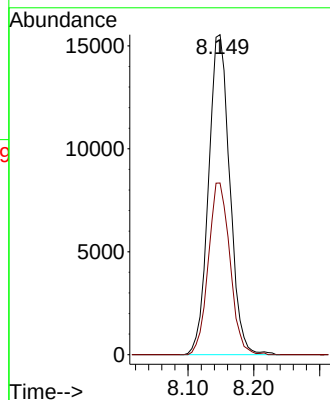
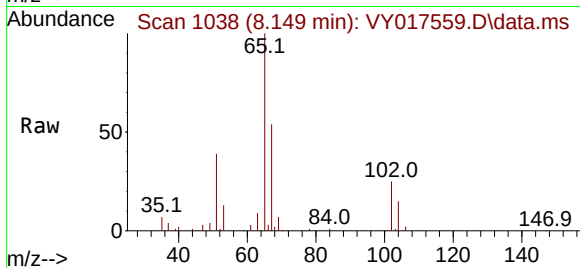
BP-VPB-195-GW-1000-1002RE

Tgt Ion: 65 Resp: 34880

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017559.D

Acq: 01 Mar 2024 18:35

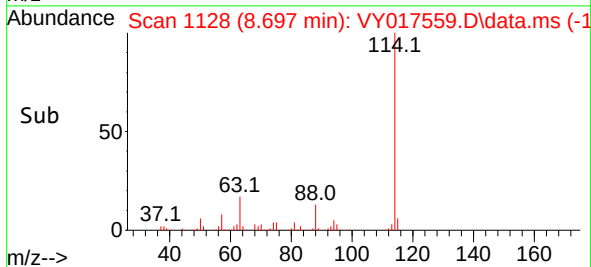
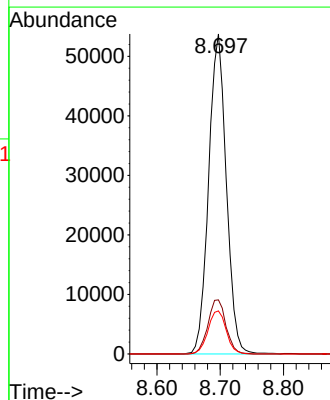
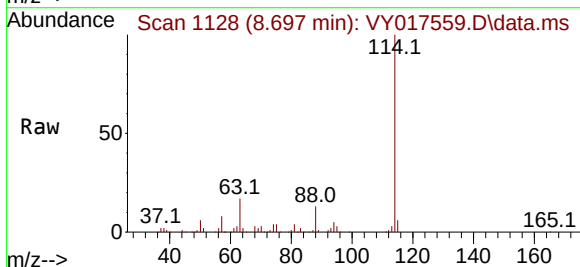
Tgt Ion: 114 Resp: 104221

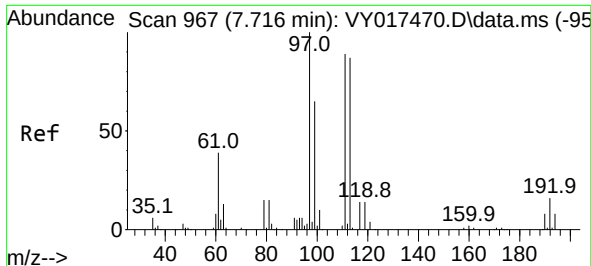
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.5 0.0 27.2

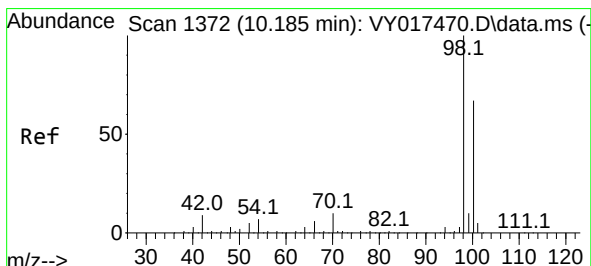
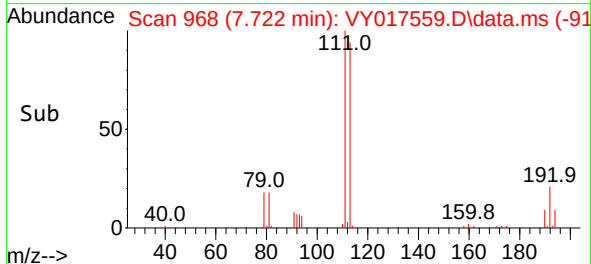
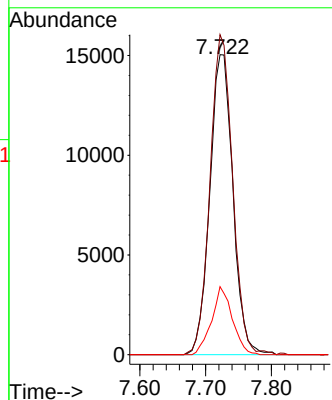
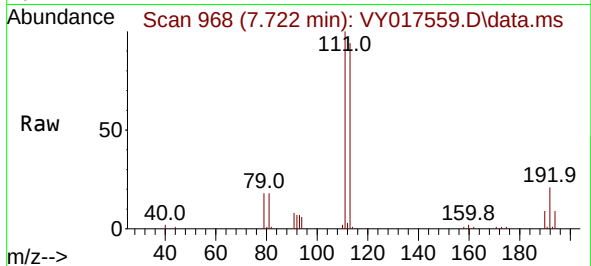




#35
Dibromofluoromethane
Concen: 50.673 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017559.D
Acq: 01 Mar 2024 18:35

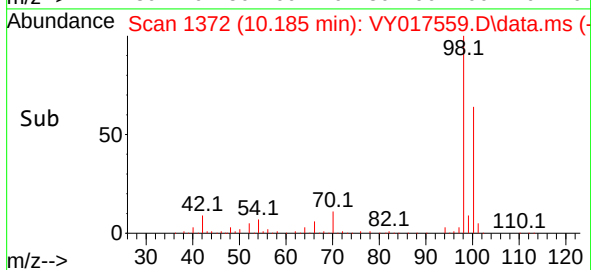
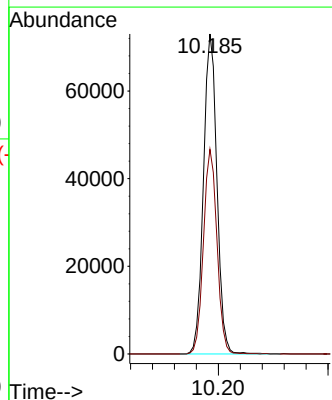
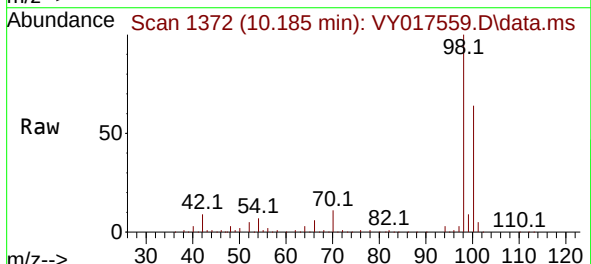
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-195-GW-1000-1002RE

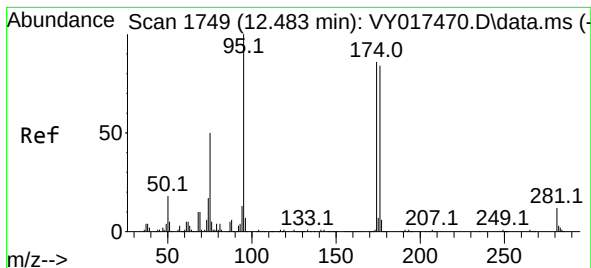
Tgt Ion:113 Resp: 36801
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 20.3 15.9 23.9



#50
Toluene-d8
Concen: 49.064 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017559.D
Acq: 01 Mar 2024 18:35

Tgt Ion: 98 Resp: 124585
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

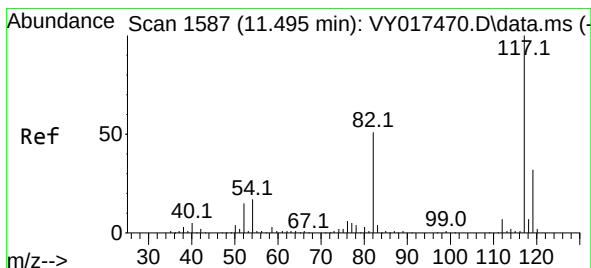
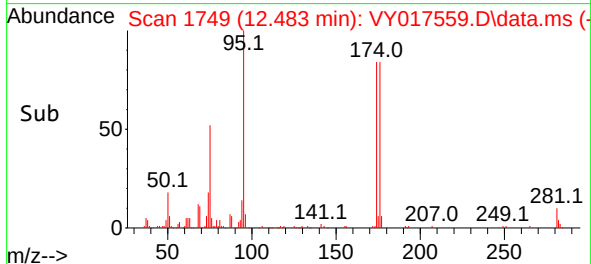
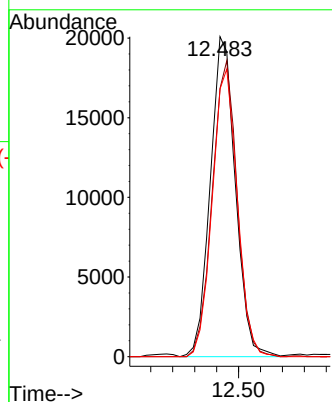
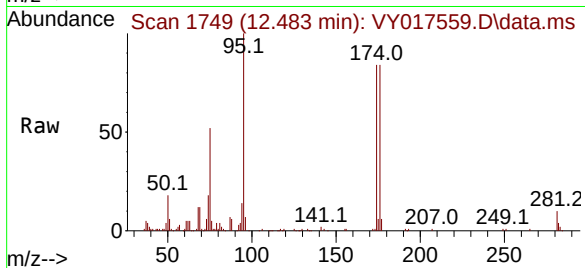




#62
4-Bromofluorobenzene
Concen: 40.109 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017559.D
Acq: 01 Mar 2024 18:35

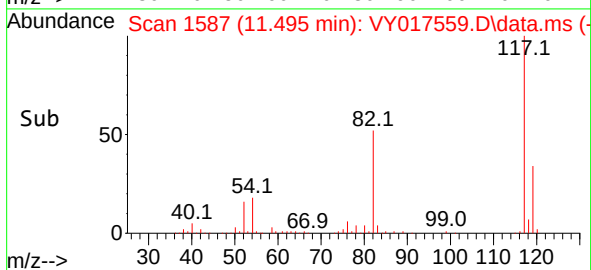
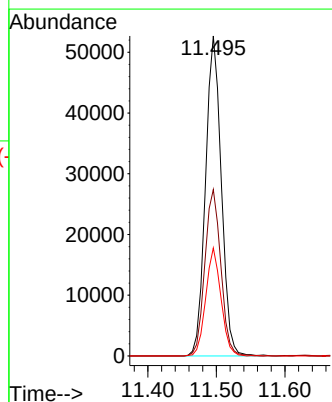
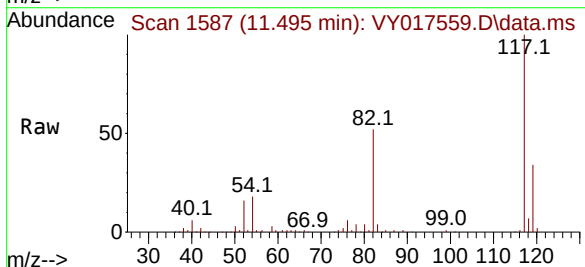
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MSVOA_Y
ClientSampleId :
BP-VPB-195-GW-1000-1002RE

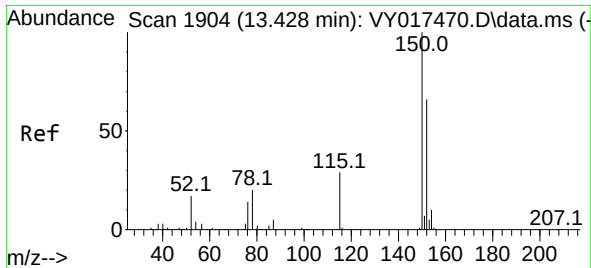
Tgt Ion: 95 Resp: 32007
Ion Ratio Lower Upper
95 100
174 91.6 0.0 175.6
176 89.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017559.D
Acq: 01 Mar 2024 18:35

Tgt Ion: 117 Resp: 84636
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 33.7 25.9 38.9





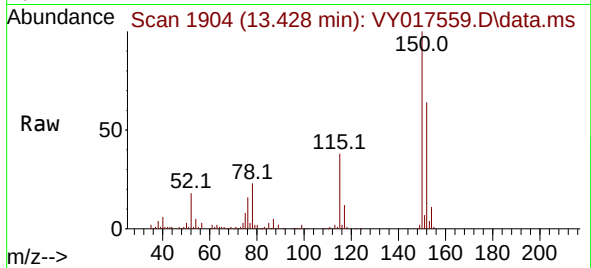
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017559.D
 Acq: 01 Mar 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-195-GW-1000-1002RE



Tgt Ion:	152	Resp:	29272
Ion Ratio	Lower	Upper	
152	100		
115	55.6	28.2	84.7
150	155.4	0.0	345.6

