

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017769.D
 Acq On : 26 Mar 2024 15:00
 Operator : SY/MD
 Sample : P1870-01
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EXTRA-PILE

Quant Time: Mar 27 01:30:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

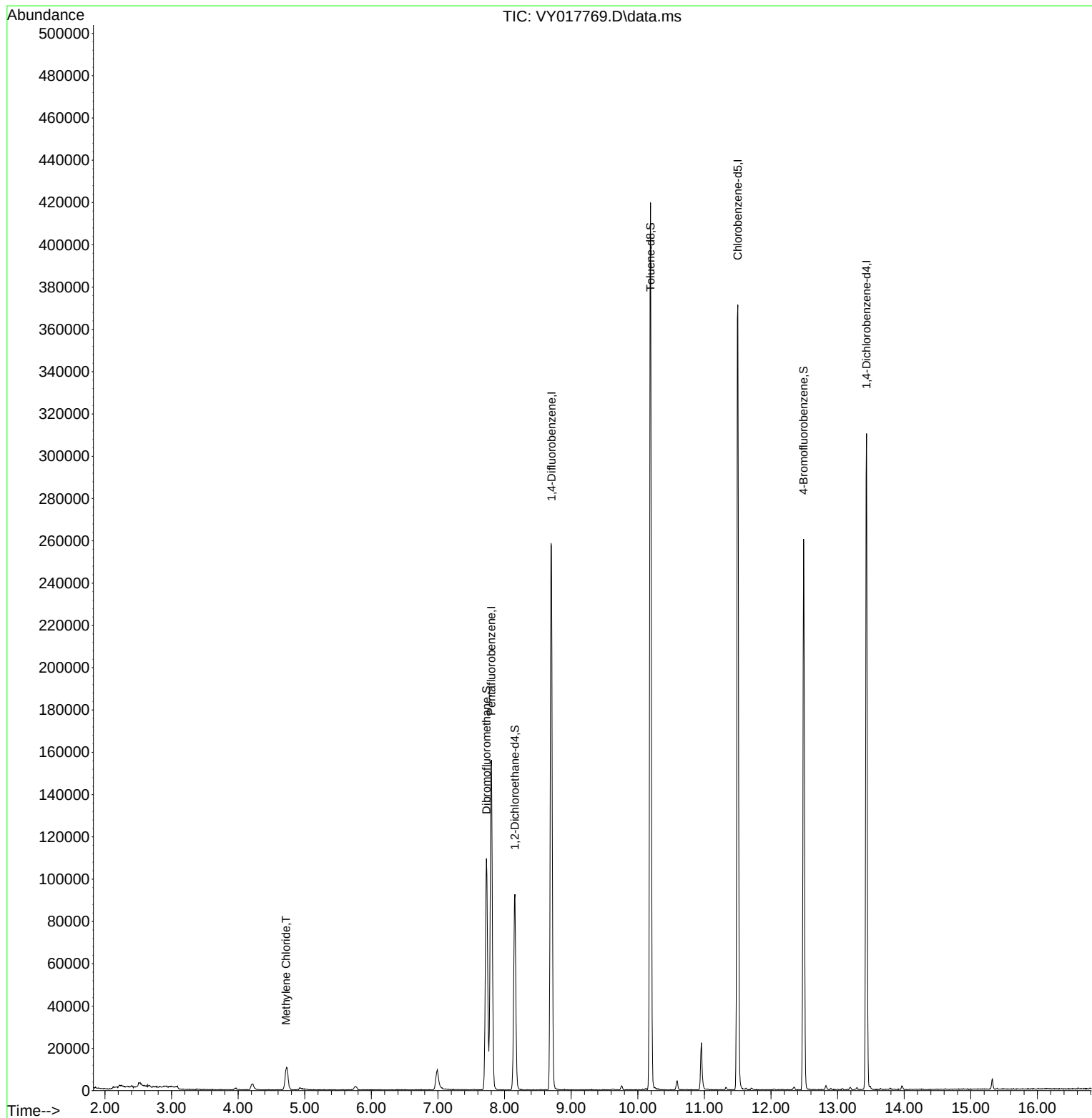
Internal Standards						
1) Pentafluorobenzene	7.801	168	128370	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.704	114	237723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	213667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	71031	63.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.020%	
35) Dibromofluoromethane	7.728	113	77720	54.694	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.191	98	277749	51.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.489	95	75972	46.521	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.040%	
Target Compounds						
20) Methylene Chloride	4.716	84	8570	6.024	ug/l	Qvalue 90

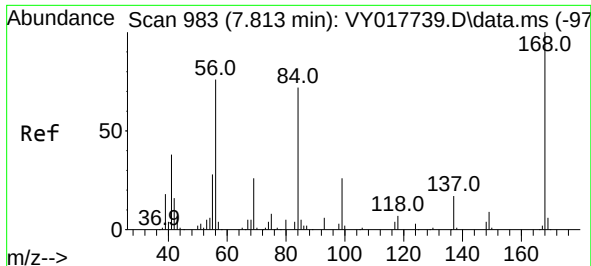
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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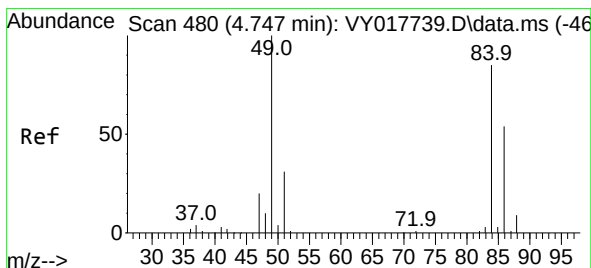
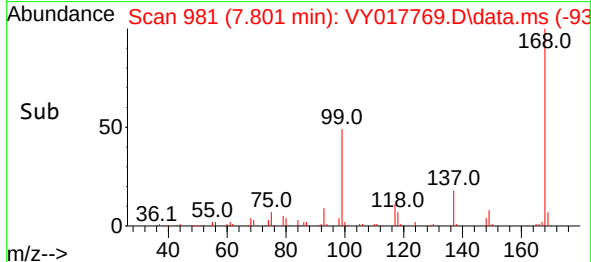
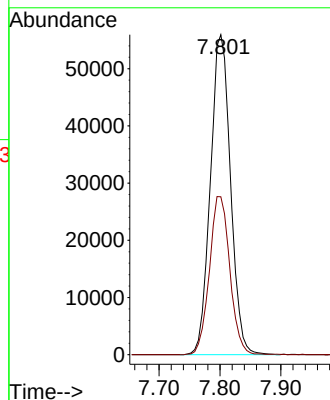
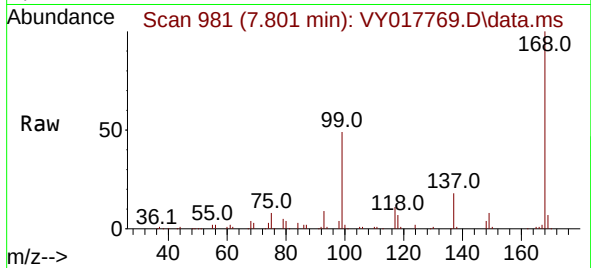




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017769.D
Acq: 26 Mar 2024 15:00

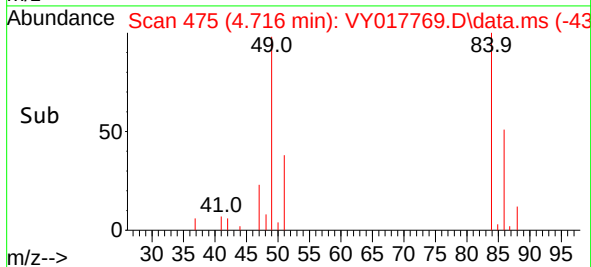
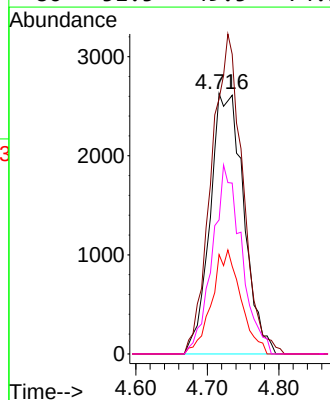
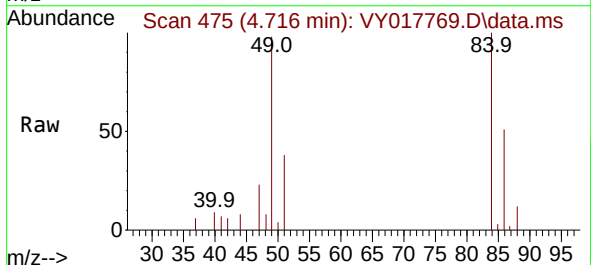
Instrument :
MSVOA_Y
ClientSampleId :
EXTRA-PILE

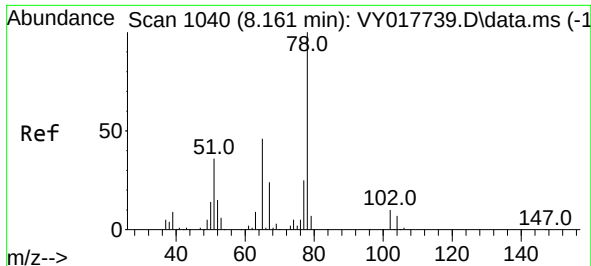
Tgt Ion:168 Resp: 128370
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#20
Methylene Chloride
Concen: 6.024 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.030 min
Lab File: VY017769.D
Acq: 26 Mar 2024 15:00

Tgt Ion: 84 Resp: 8570
Ion Ratio Lower Upper
84 100
49 97.9 84.4 126.6
51 38.2 26.0 39.0
86 51.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 63.515 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017769.D

Acq: 26 Mar 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

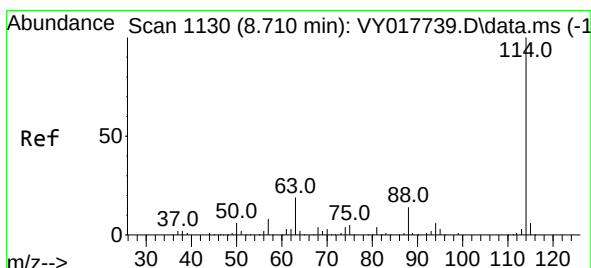
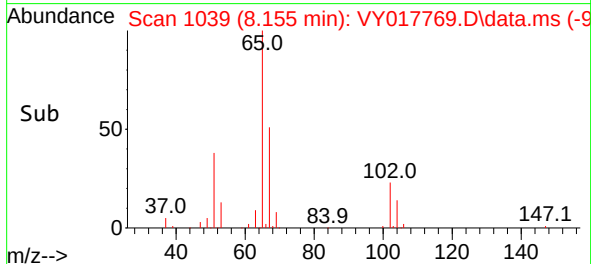
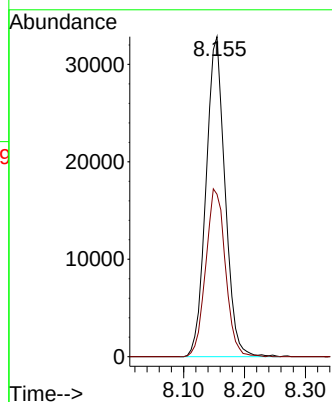
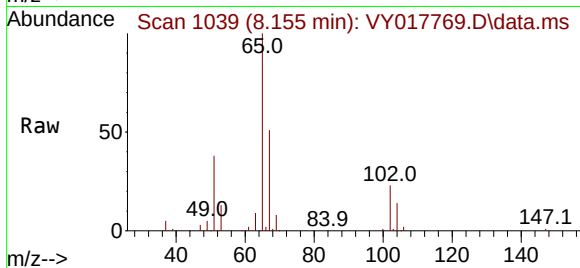
EXTRA-PILE

Tgt Ion: 65 Resp: 71031

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY017769.D

Acq: 26 Mar 2024 15:00

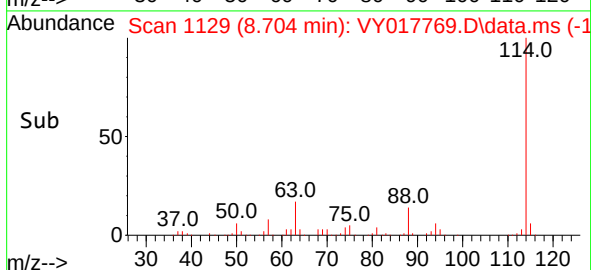
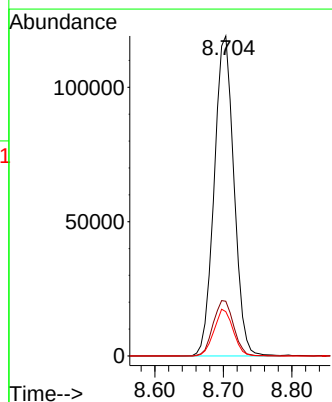
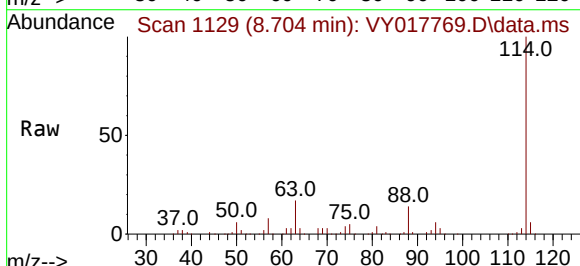
Tgt Ion: 114 Resp: 237723

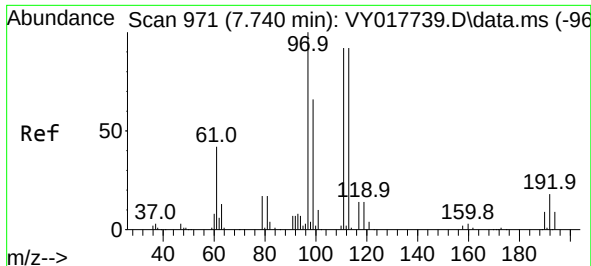
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.9 0.0 27.2

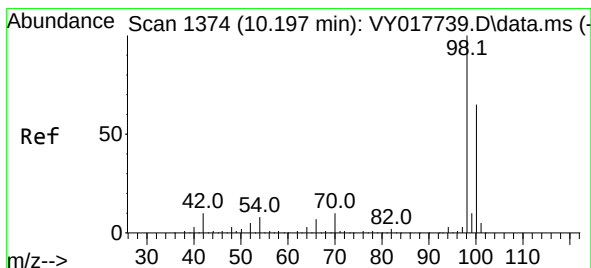
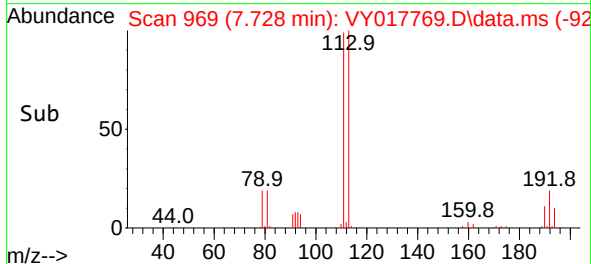
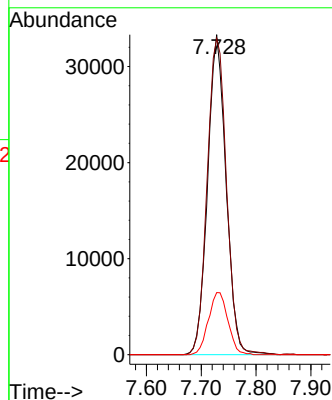
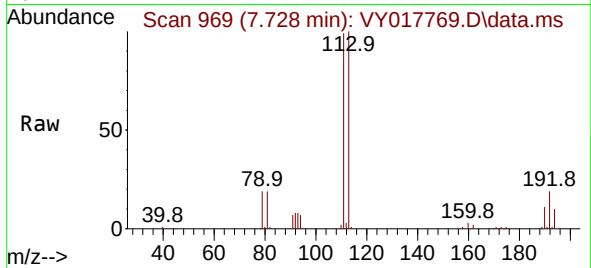




#35
Dibromofluoromethane
Concen: 54.694 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017769.D
Acq: 26 Mar 2024 15:00

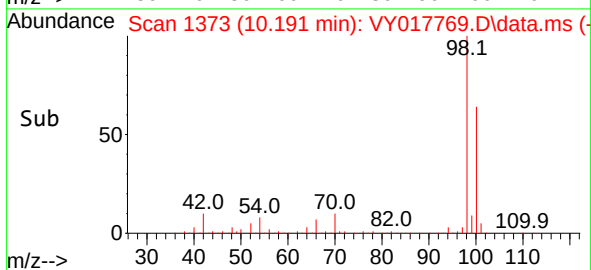
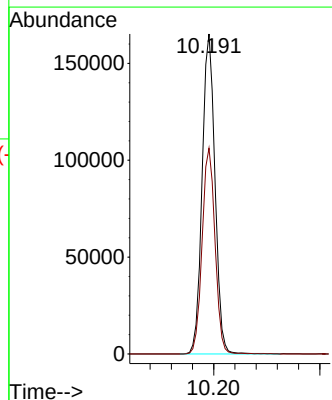
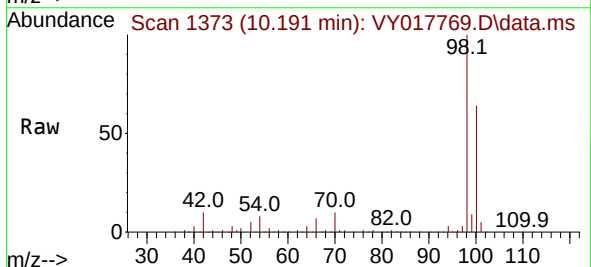
Instrument :
MSVOA_Y
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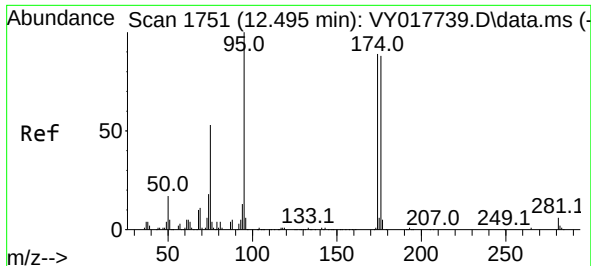
Tgt Ion:113 Resp: 77720
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 20.5 15.9 23.9



#50
Toluene-d8
Concen: 51.071 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.006 min
Lab File: VY017769.D
Acq: 26 Mar 2024 15:00

Tgt Ion: 98 Resp: 277749
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

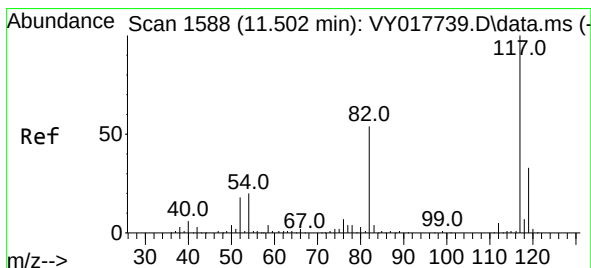
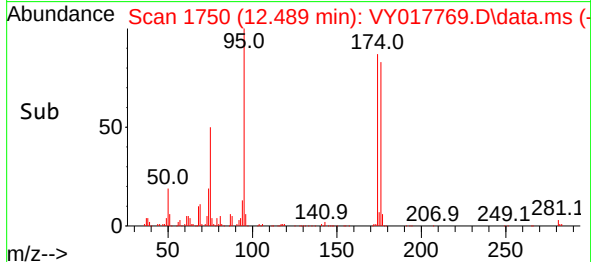
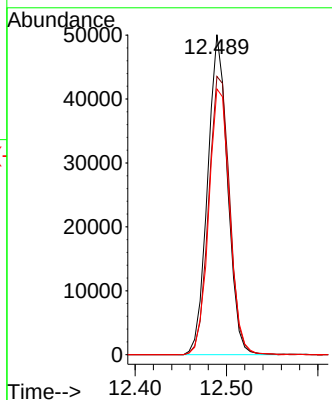
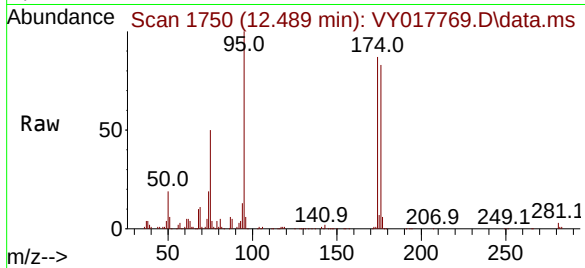




#62
4-Bromofluorobenzene
Concen: 46.521 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017769.D
Acq: 26 Mar 2024 15:00

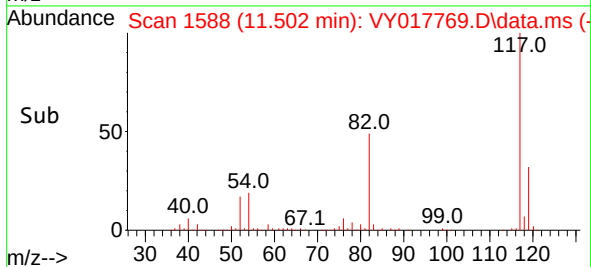
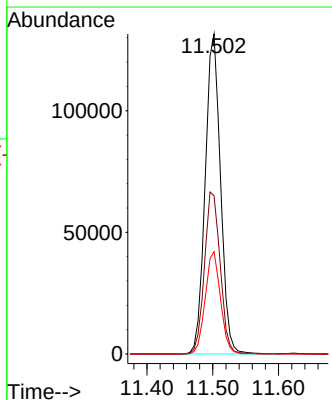
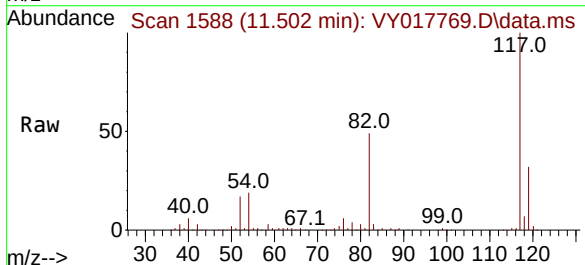
Instrument :
MSVOA_Y
ClientSampleId :
EXTRA-PILE

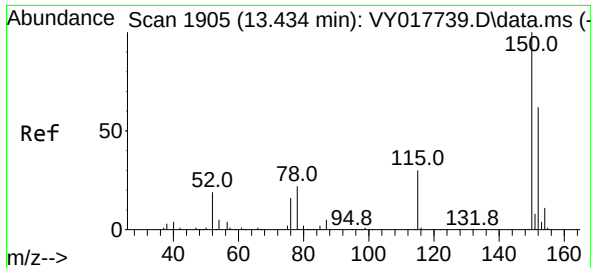
Tgt Ion: 95 Resp: 75972
Ion Ratio Lower Upper
95 100
174 91.8 0.0 175.6
176 87.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017769.D
Acq: 26 Mar 2024 15:00

Tgt Ion: 117 Resp: 213667
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017769.D

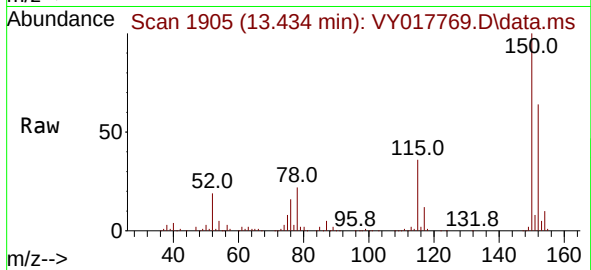
Acq: 26 Mar 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

EXTRA-PILE



Tgt Ion:152 Resp: 80790

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 157.6 0.0 345.6

