

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017764.D
 Acq On : 26 Mar 2024 12:49
 Operator : SY/MD
 Sample : P1863-01
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-GRAB

Quant Time: Mar 27 01:28:46 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)

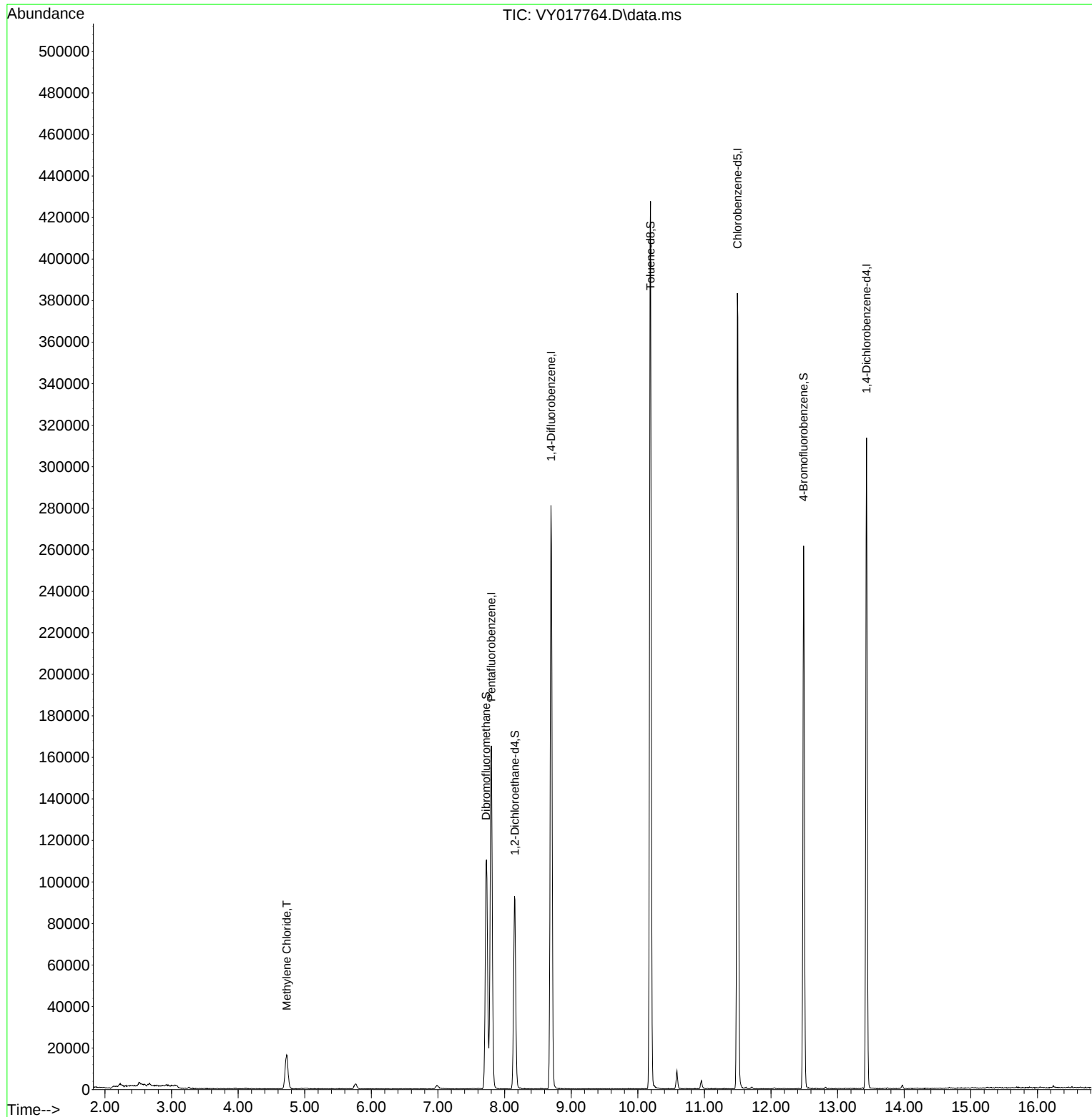
Internal Standards						
1) Pentafluorobenzene	7.801	168	132112	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	247069	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	218033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	71470	62.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.200%	
35) Dibromofluoromethane	7.722	113	80738	54.668	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.340%	
50) Toluene-d8	10.191	98	286978	50.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.489	95	76335	44.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.940%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	13171	8.996	ug/l	97

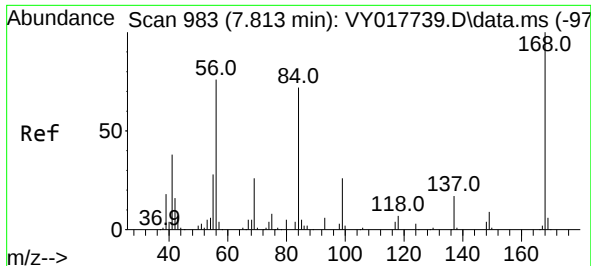
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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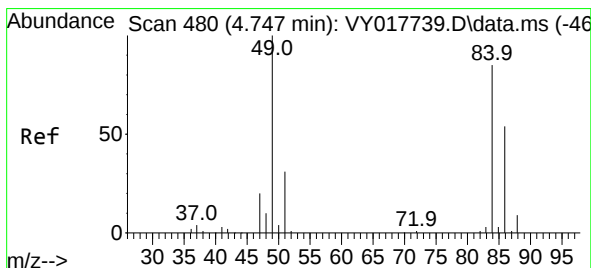
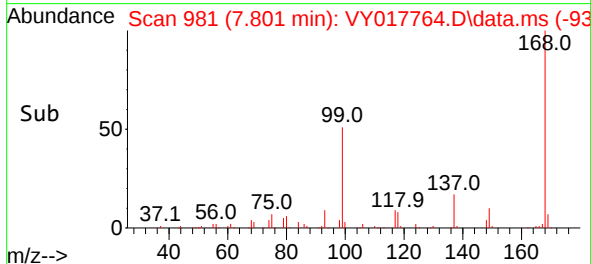
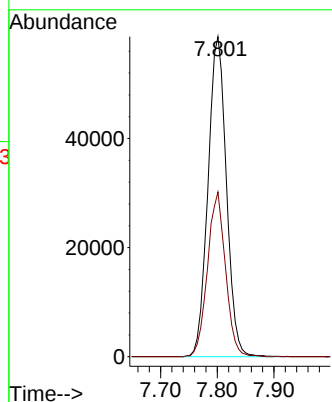
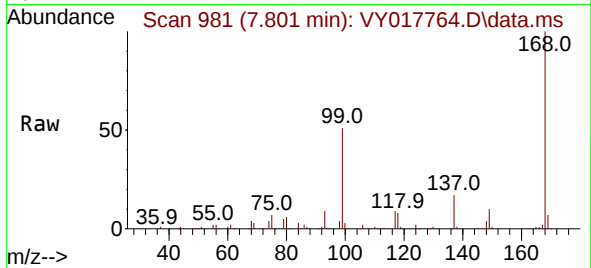




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

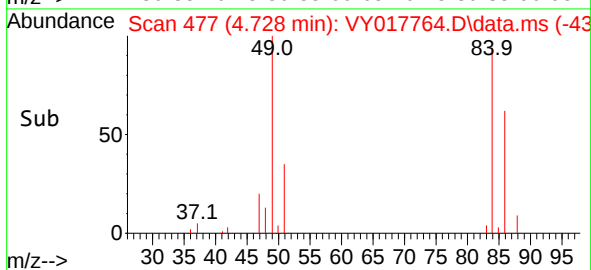
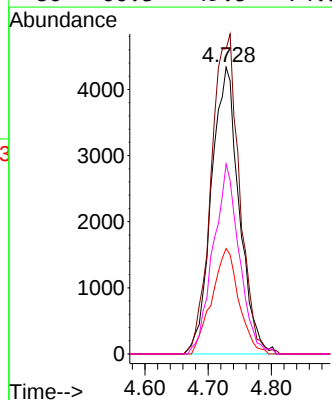
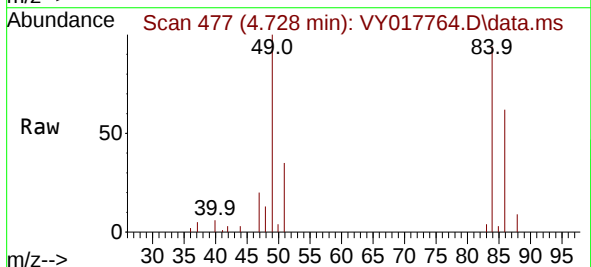
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-GRAB

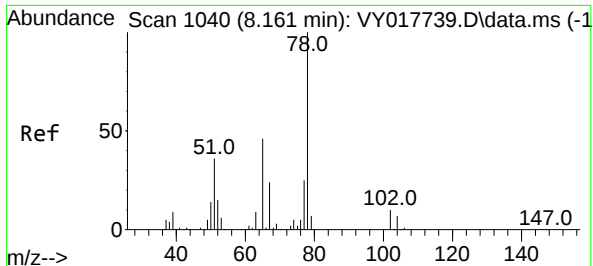
Tgt Ion:168 Resp: 132112
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#20
Methylene Chloride
Concen: 8.996 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.018 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 84 Resp: 13171
Ion Ratio Lower Upper
84 100
49 106.4 84.4 126.6
51 36.8 26.0 39.0
86 66.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 62.097 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017764.D

Acq: 26 Mar 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

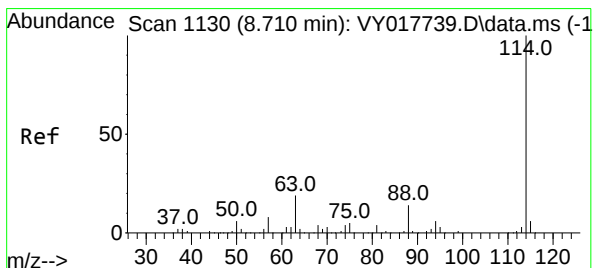
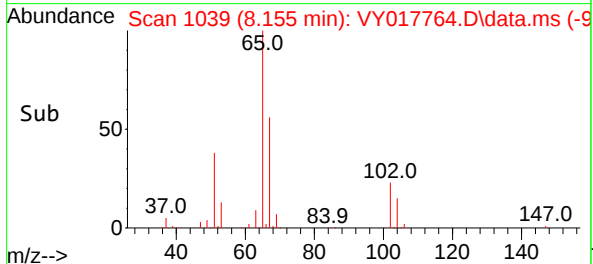
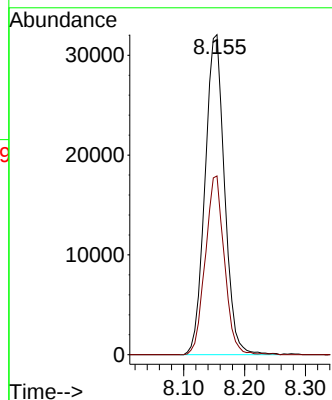
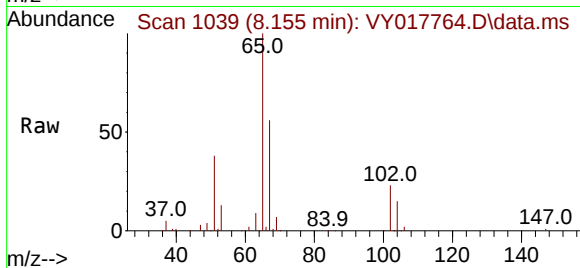
SOIL-PILE-GRAB

Tgt Ion: 65 Resp: 71470

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. -0.012 min

Lab File: VY017764.D

Acq: 26 Mar 2024 12:49

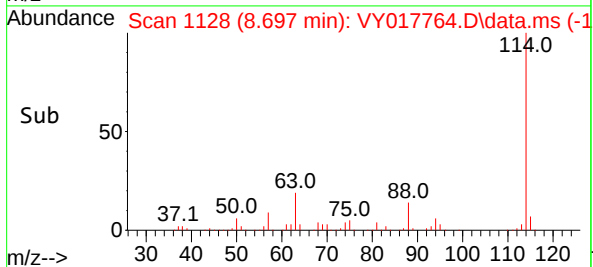
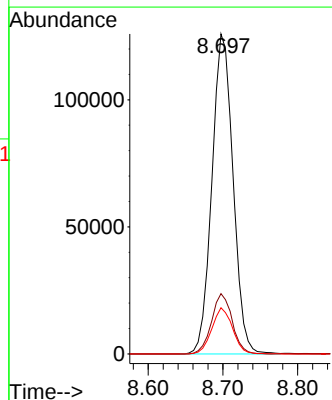
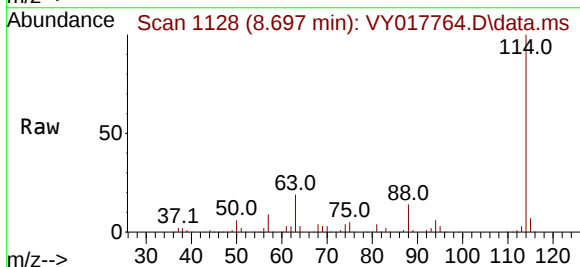
Tgt Ion: 114 Resp: 247069

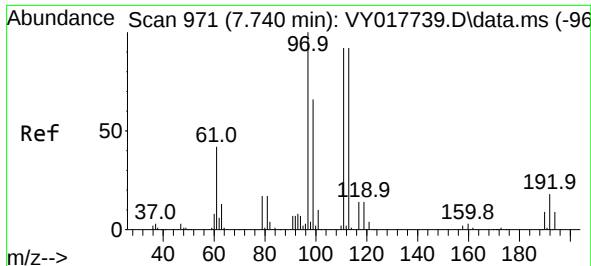
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.4 0.0 27.2

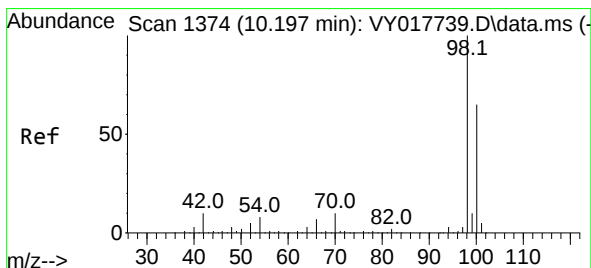
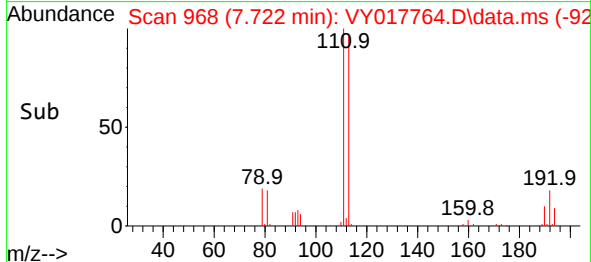
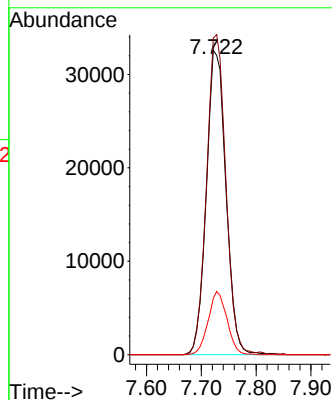
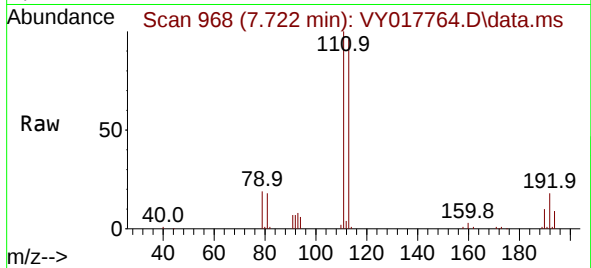




#35
Dibromofluoromethane
Concen: 54.668 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

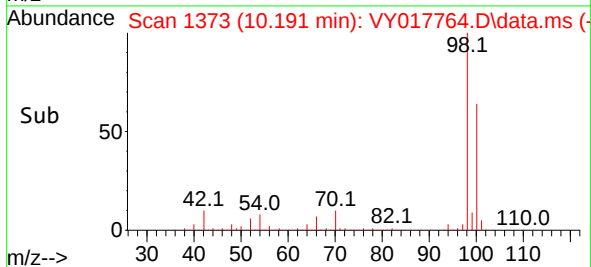
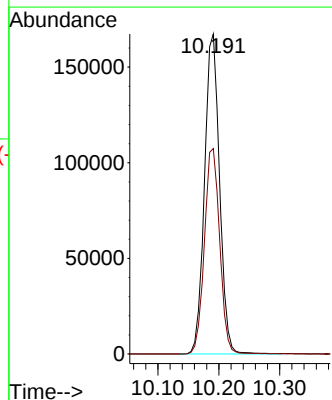
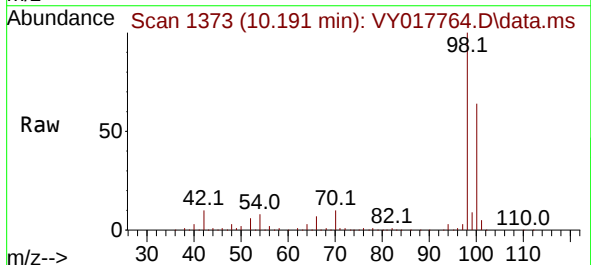
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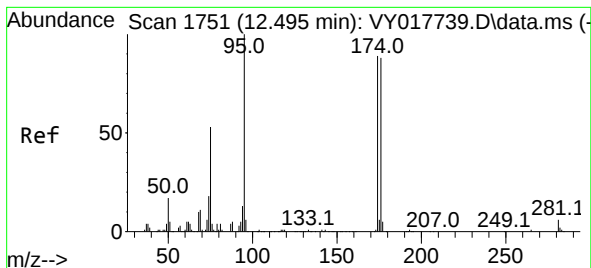
Tgt Ion:113 Resp: 80738
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 19.9 15.9 23.9



#50
Toluene-d8
Concen: 50.772 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.006 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 98 Resp: 286978
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

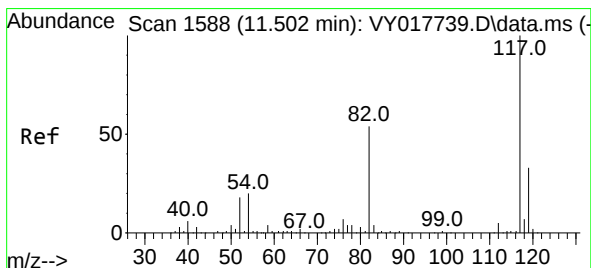
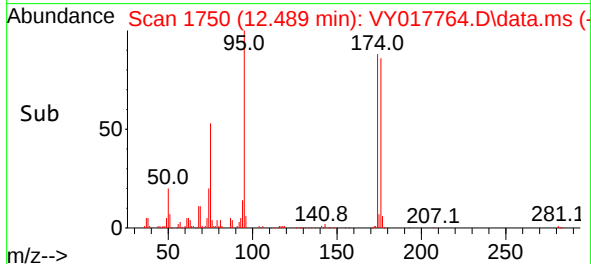
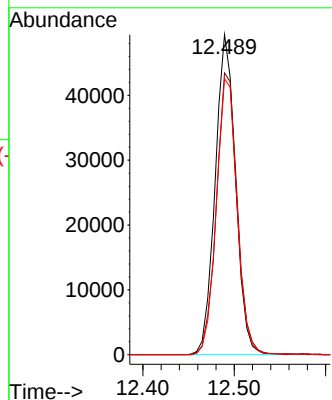
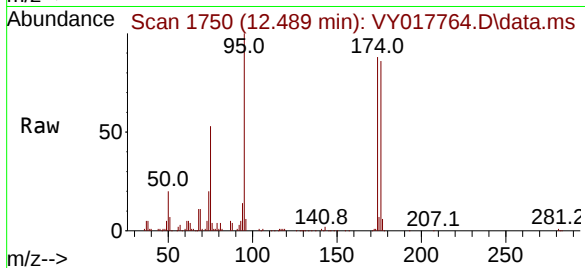




#62
4-Bromofluorobenzene
Concen: 44.975 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

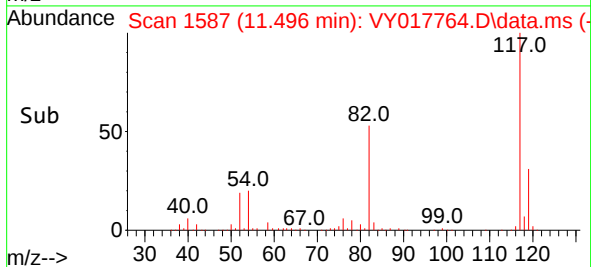
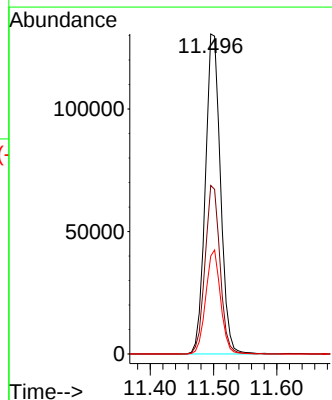
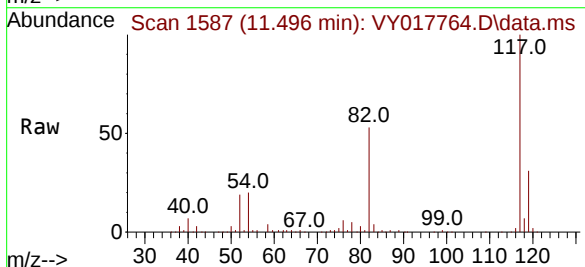
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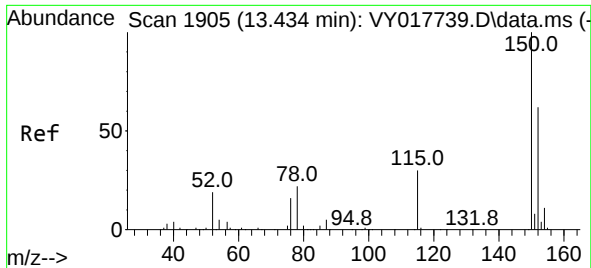
Tgt Ion: 95 Resp: 76335
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 88.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017764.D
Acq: 26 Mar 2024 12:49

Tgt Ion: 117 Resp: 218033
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 30.6 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: VY017764.D

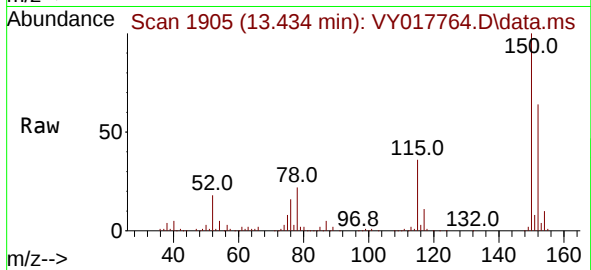
Acq: 26 Mar 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-GRAB



Tgt Ion:152 Resp: 81956

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 154.0 0.0 345.6

