

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017437.D
 Acq On : 21 Feb 2024 14:55
 Operator : SY/MD
 Sample : P1537-04
 Misc : 4.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4

Quant Time: Feb 22 03:26:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

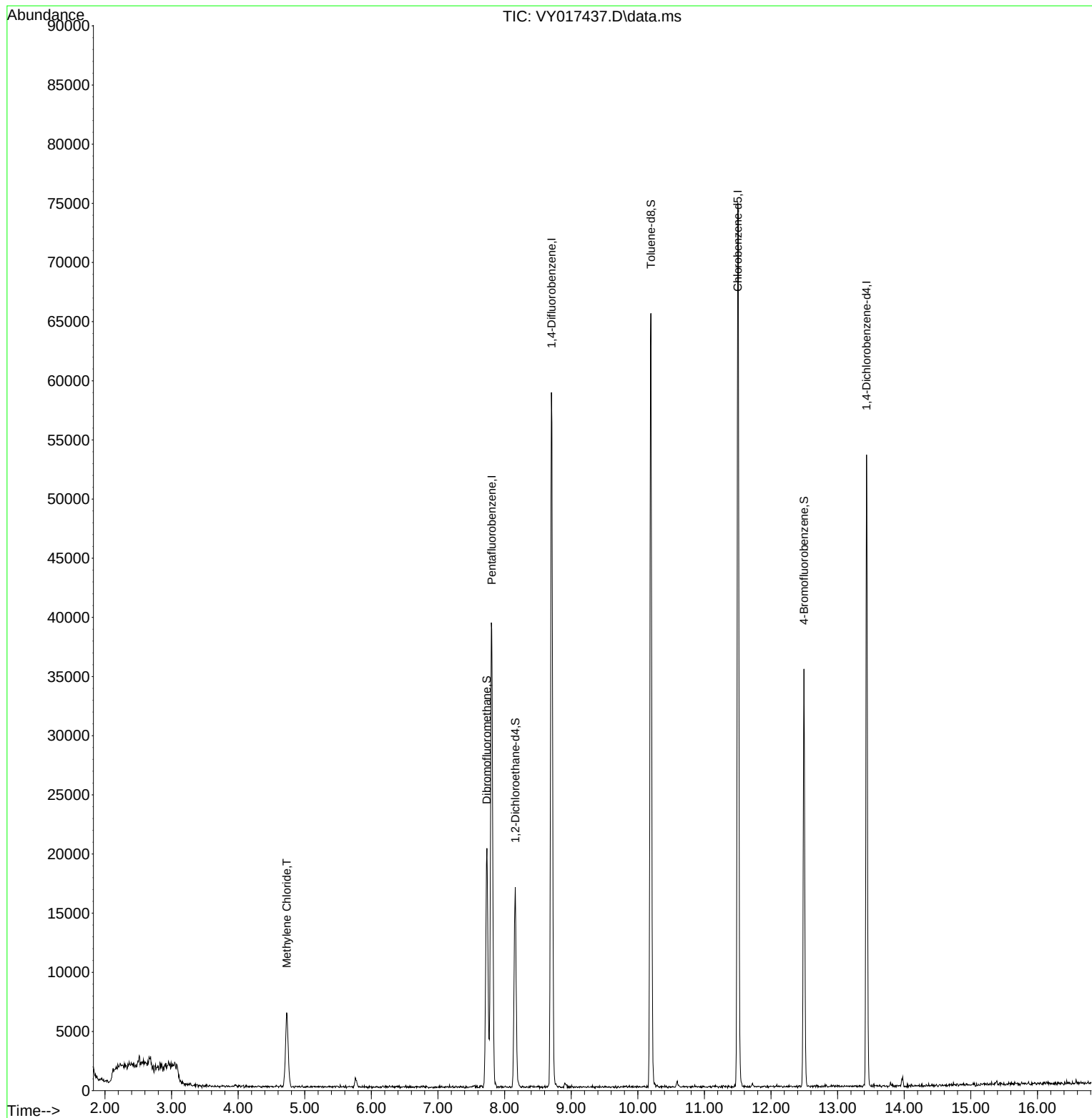
Internal Standards						
1) Pentafluorobenzene	7.807	168	32847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	54175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	45287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	14399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	13275	47.308	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.620%
35) Dibromofluoromethane	7.734	113	14806	46.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.380%
50) Toluene-d8	10.197	98	45661	37.126	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.260%
62) 4-Bromofluorobenzene	12.495	95	10518	26.484	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	4717	7.477	ug/l #	91

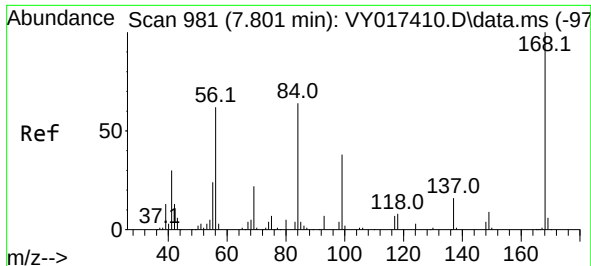
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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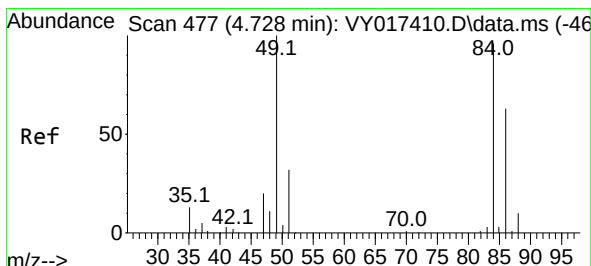
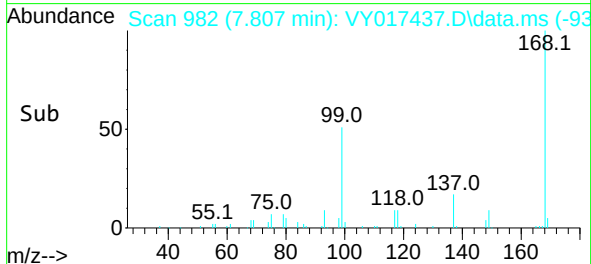
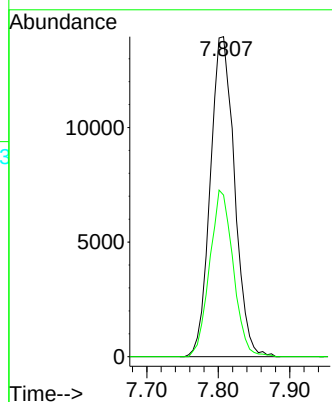
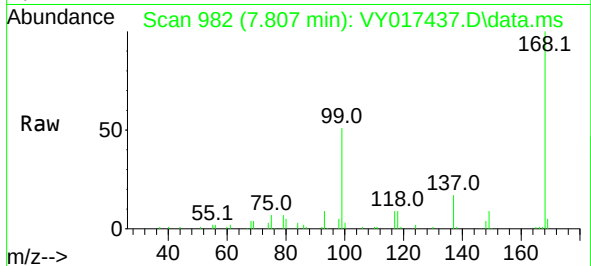




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017437.D
Acq: 21 Feb 2024 14:55

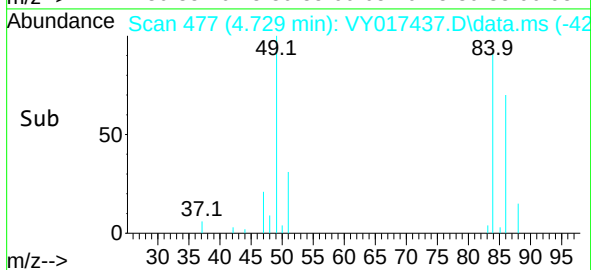
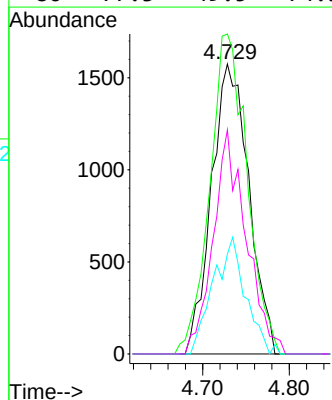
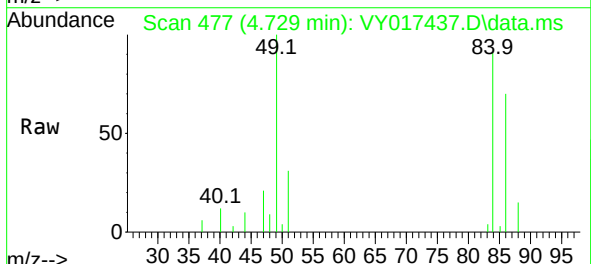
Instrument :
MSVOA_Y
ClientSampleId :
4

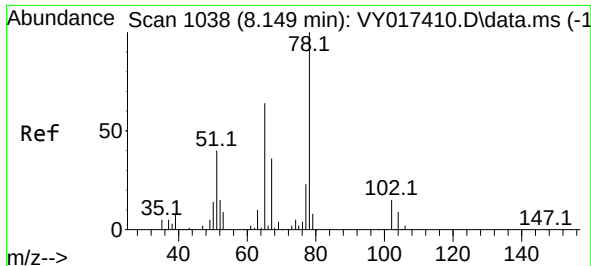
Tgt Ion:168 Resp: 32847
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#20
Methylene Chloride
Concen: 7.477 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY017437.D
Acq: 21 Feb 2024 14:55

Tgt Ion: 84 Resp: 4717
Ion Ratio Lower Upper
84 100
49 110.3 84.4 126.6
51 34.4 26.0 39.0
86 77.3 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 47.308 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY017437.D

Acq: 21 Feb 2024 14:55

Instrument :

MSVOA_Y

ClientSampleId :

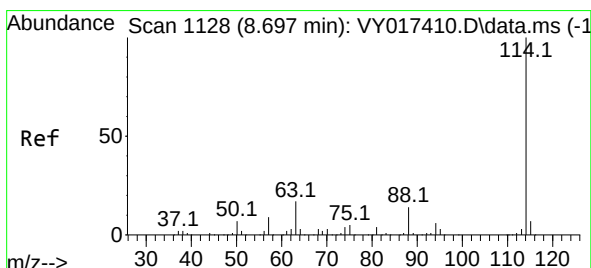
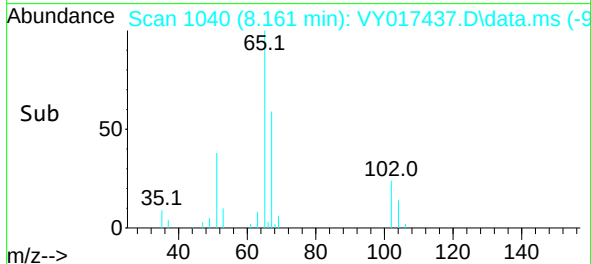
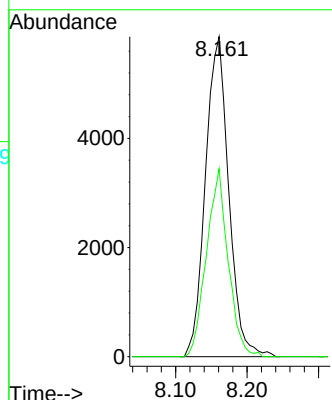
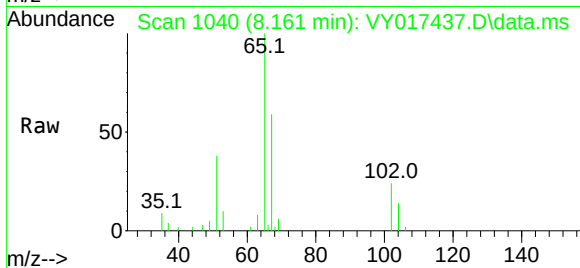
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Tgt Ion: 65 Resp: 13275

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017437.D

Acq: 21 Feb 2024 14:55

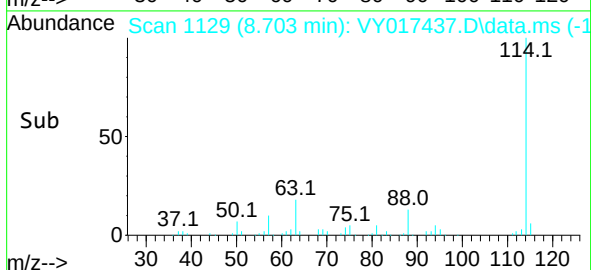
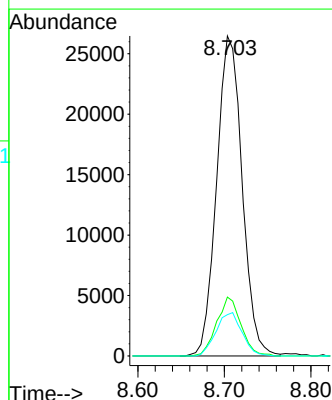
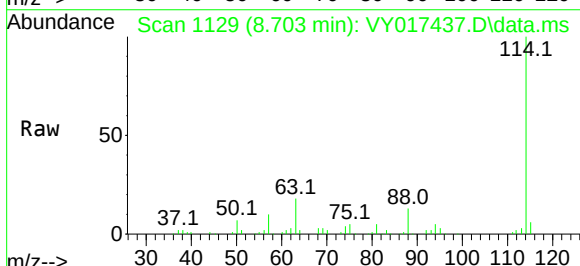
Tgt Ion: 114 Resp: 54175

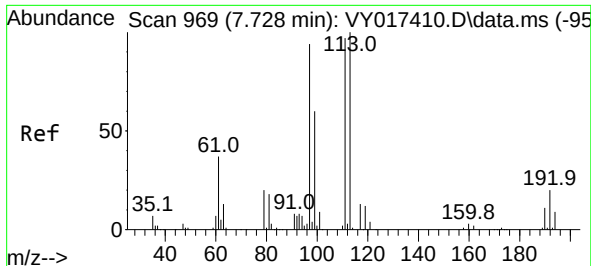
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 12.9 0.0 27.2

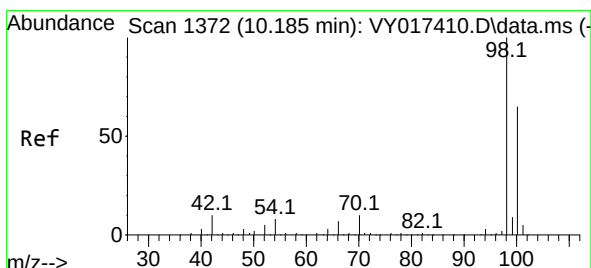
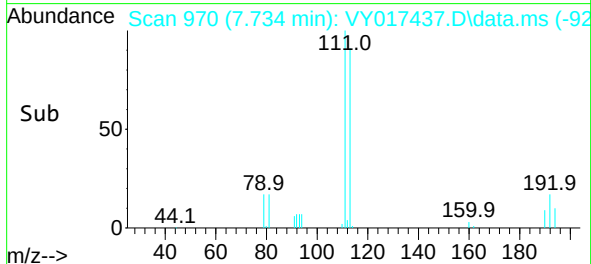
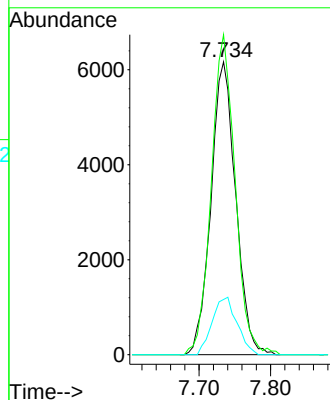
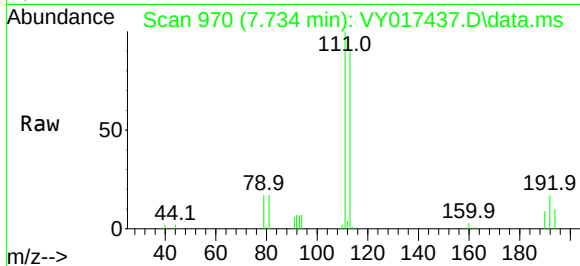




#35
Dibromofluoromethane
Concen: 46.689 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017437.D
Acq: 21 Feb 2024 14:55

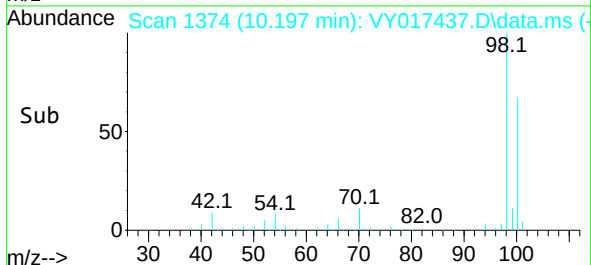
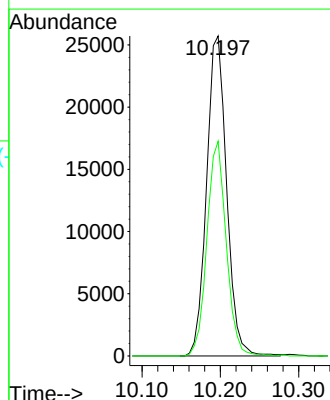
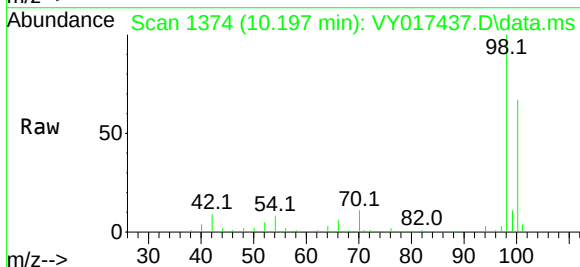
Instrument :
MSVOA_Y
ClientSampleId :
4

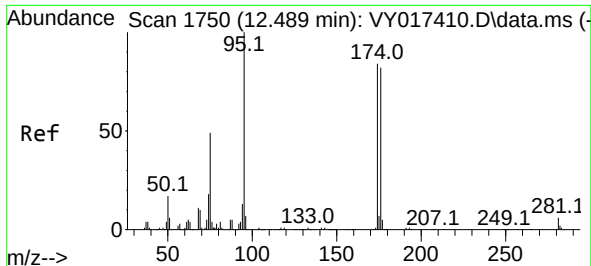
Tgt Ion:113 Resp: 14806
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 19.7 15.9 23.9



#50
Toluene-d8
Concen: 37.126 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017437.D
Acq: 21 Feb 2024 14:55

Tgt Ion: 98 Resp: 45661
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

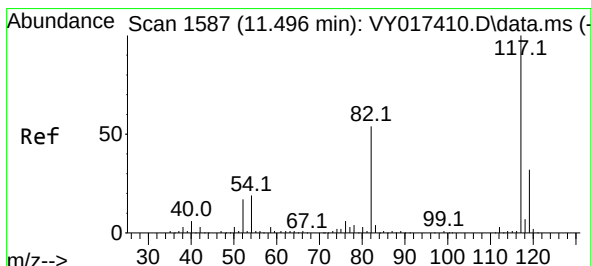
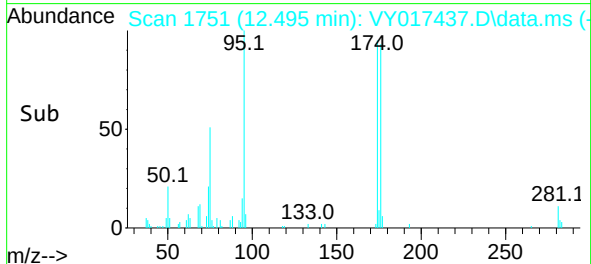
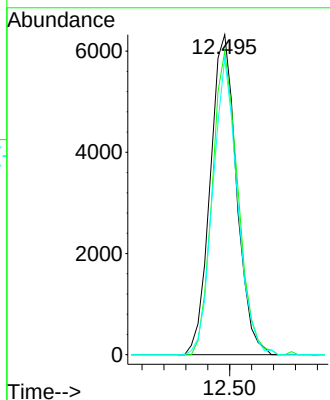
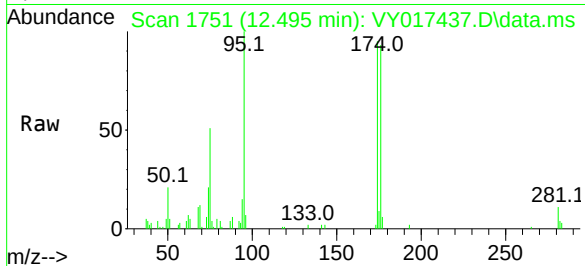




#62
4-Bromofluorobenzene
Concen: 26.484 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017437.D
Acq: 21 Feb 2024 14:55

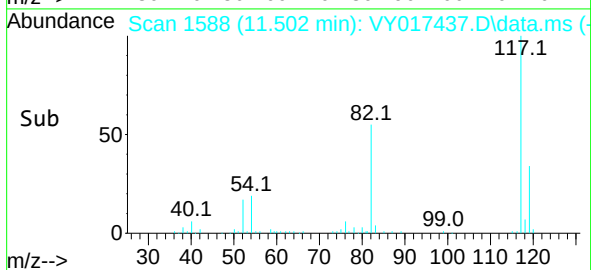
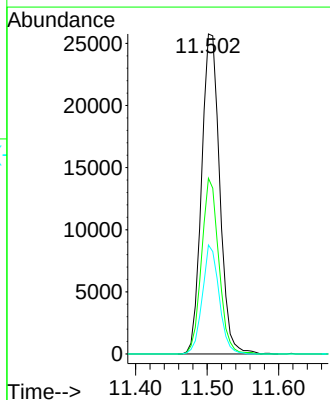
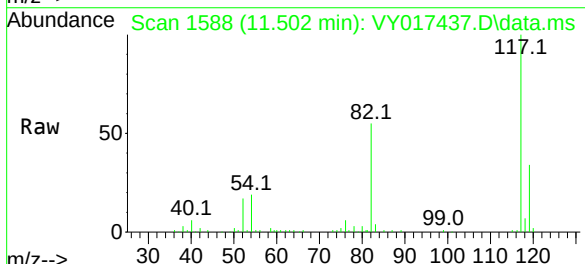
Instrument :
MSVOA_Y
ClientSampleId :
4

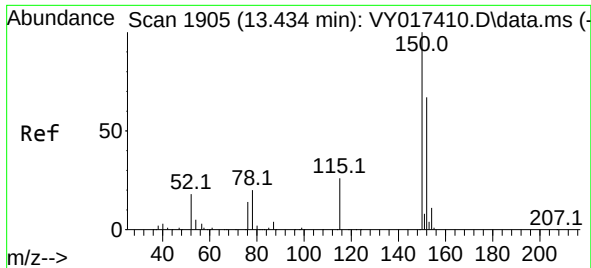
Tgt Ion: 95 Resp: 10518
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 87.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017437.D
Acq: 21 Feb 2024 14:55

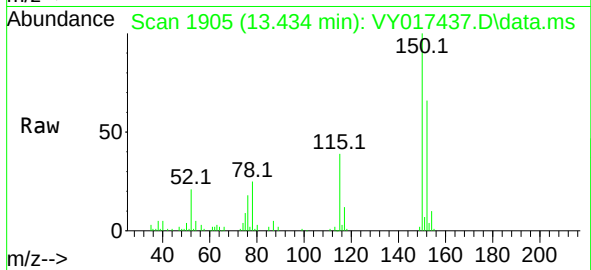
Tgt Ion: 117 Resp: 45287
Ion Ratio Lower Upper
117 100
82 54.9 42.4 63.6
119 34.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017437.D
 Acq: 21 Feb 2024 14:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:152 Resp: 14399
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.2 84.7
 150 156.5 0.0 345.6

