

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017037.D
 Acq On : 18 Jan 2024 14:10
 Operator : SY/MD
 Sample : P1169-06
 Misc : 2.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-GRAB

Quant Time: Jan 19 02:28:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

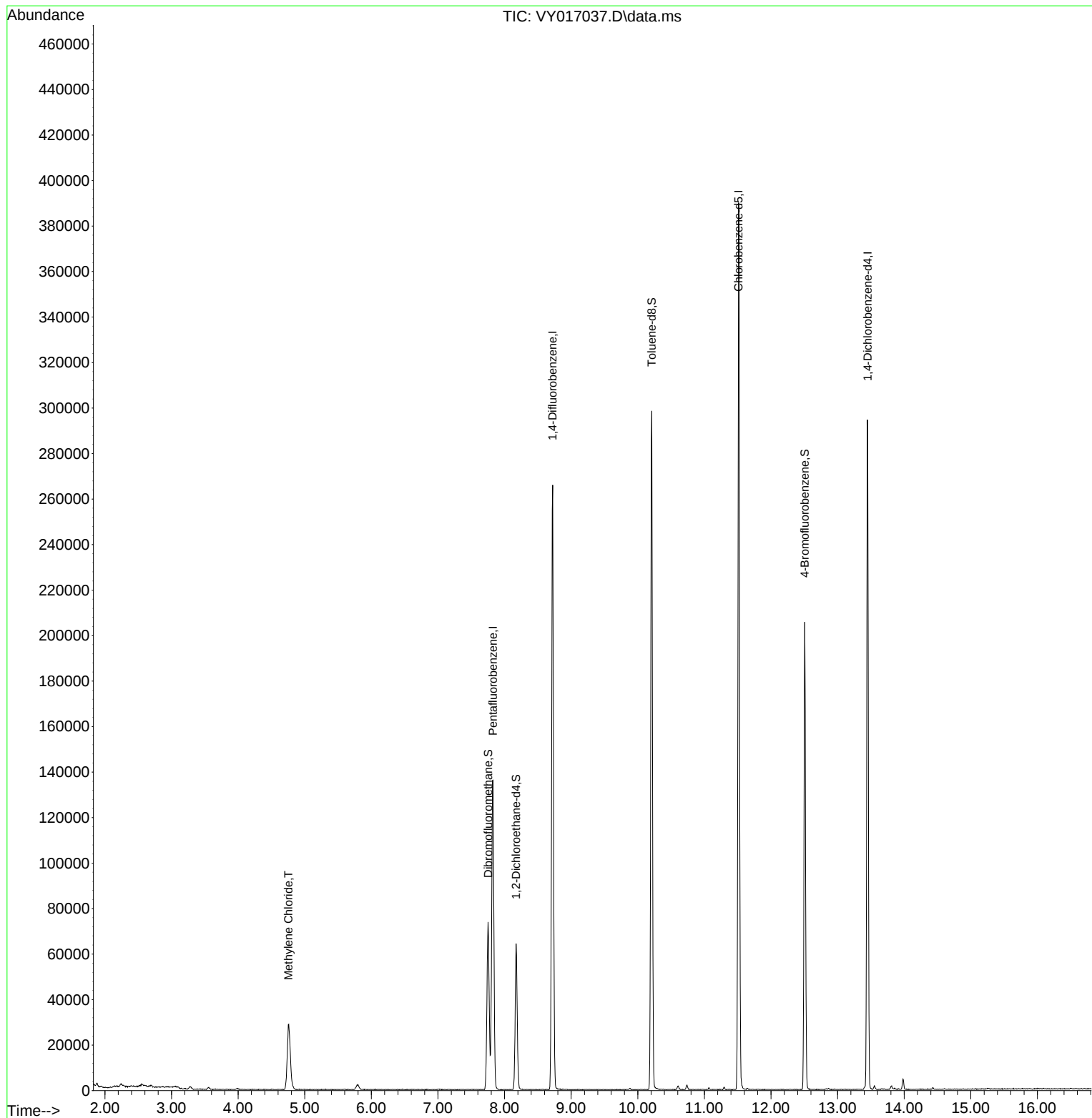
Internal Standards						
1) Pentafluorobenzene	7.826	168	104119	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	226279	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	213526	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	76003	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	47278	45.942	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.880%
35) Dibromofluoromethane	7.752	113	53284	36.953	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.900%
50) Toluene-d8	10.209	98	195569	39.387	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.780%
62) 4-Bromofluorobenzene	12.508	95	58402	34.862	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.720%
Target Compounds						
20) Methylene Chloride	4.753	84	22259	10.869	ug/l	Qvalue 97

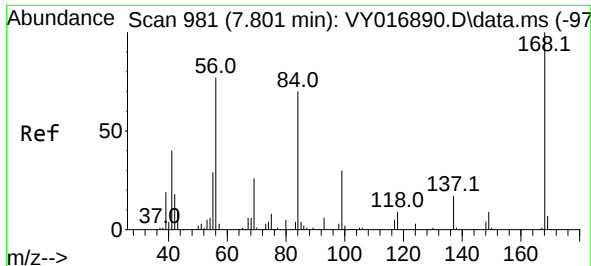
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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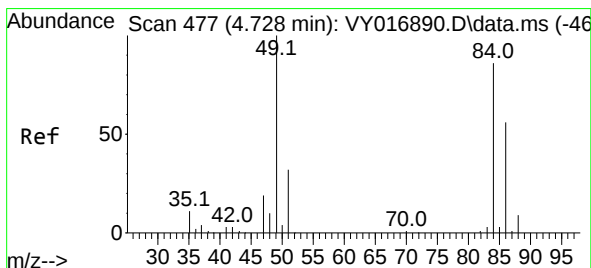
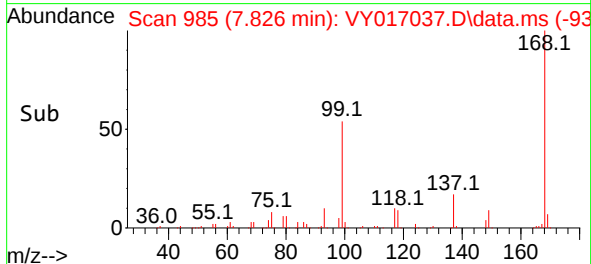
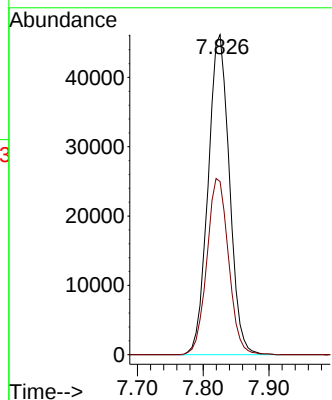
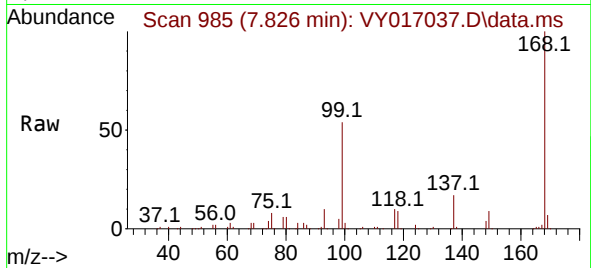




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

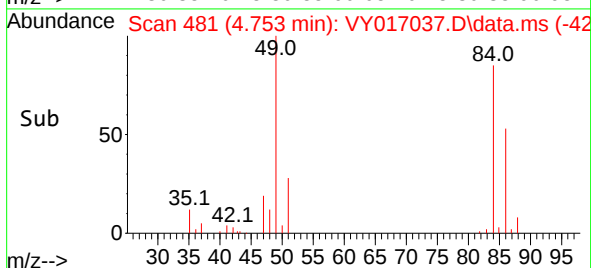
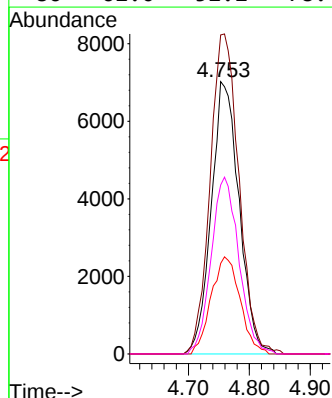
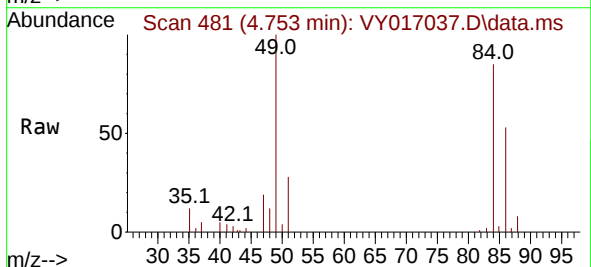
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB

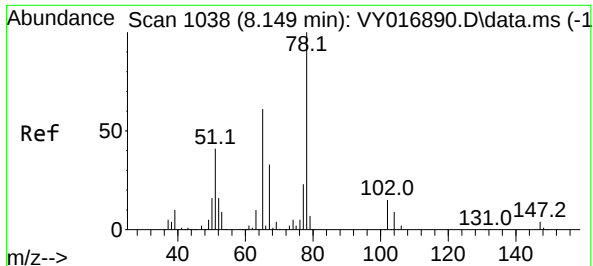
Tgt Ion:168 Resp: 104119
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#20
Methylene Chloride
Concen: 10.869 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

Tgt Ion: 84 Resp: 22259
Ion Ratio Lower Upper
84 100
49 117.1 95.2 142.8
51 33.3 29.9 44.9
86 62.0 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 45.942 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.018 min

Lab File: VY017037.D

Acq: 18 Jan 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

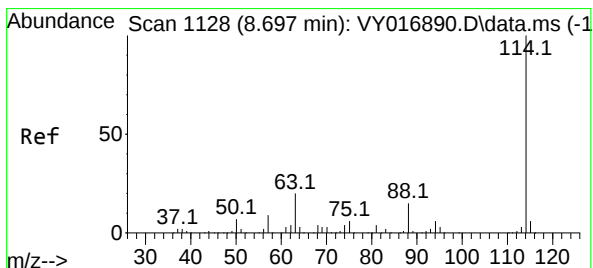
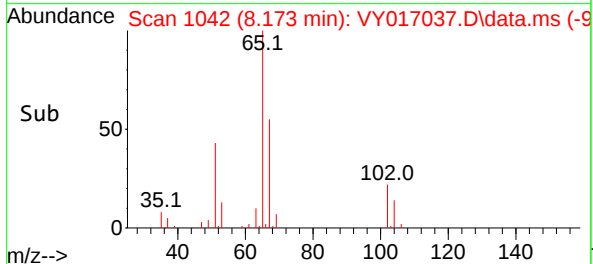
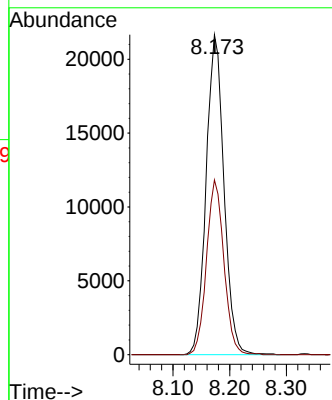
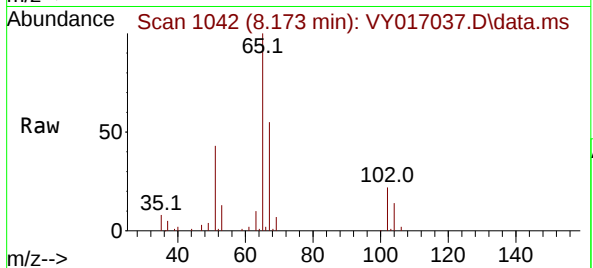
WC-B-GRAB

Tgt Ion: 65 Resp: 47278

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY017037.D

Acq: 18 Jan 2024 14:10

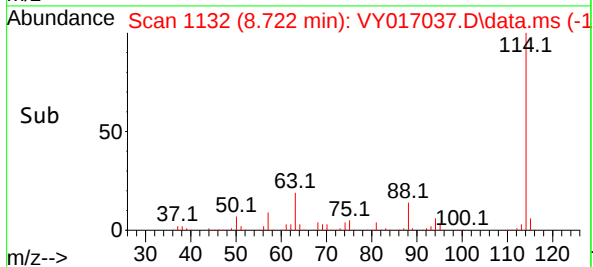
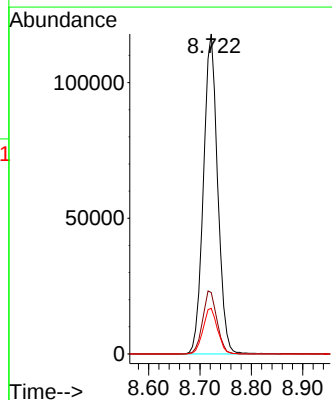
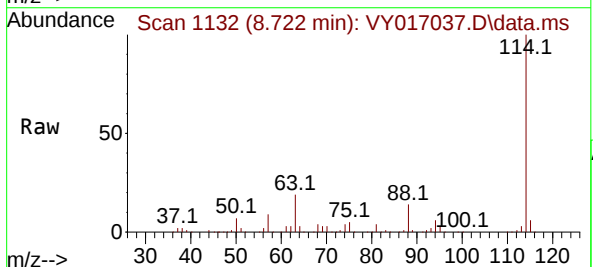
Tgt Ion: 114 Resp: 226279

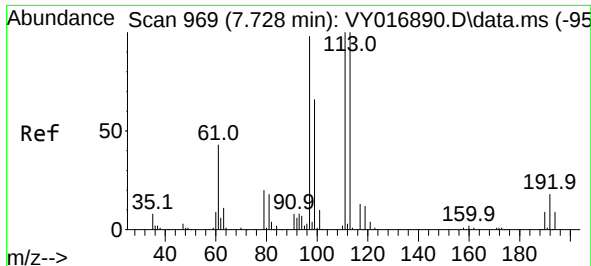
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.3 0.0 29.0

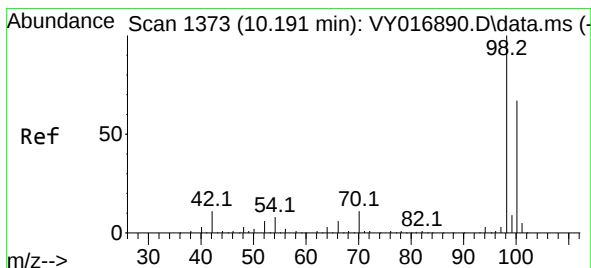
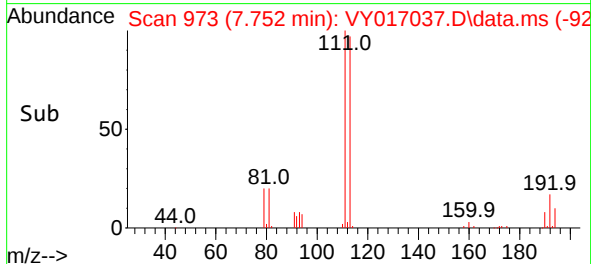
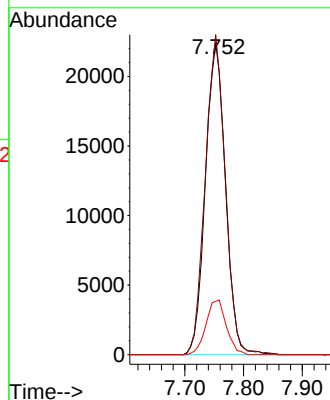
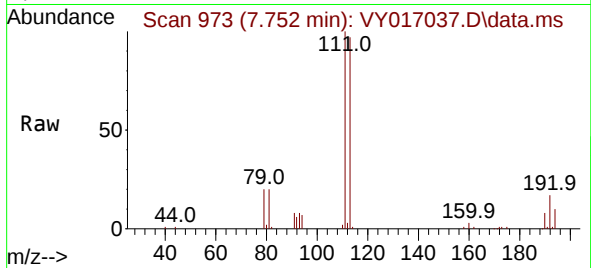




#35
Dibromofluoromethane
Concen: 36.953 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

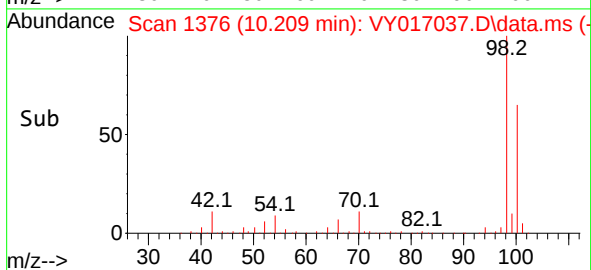
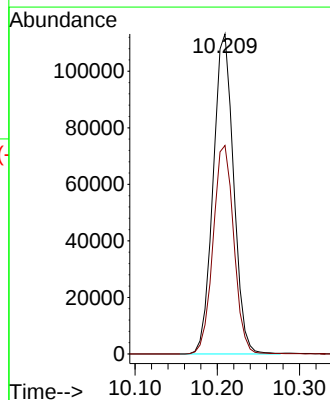
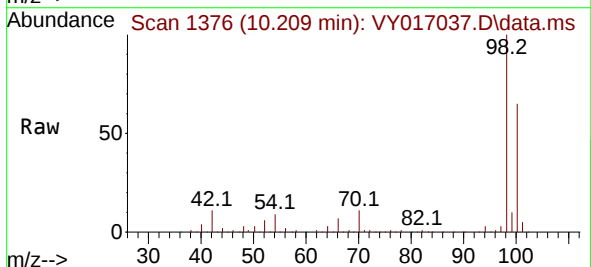
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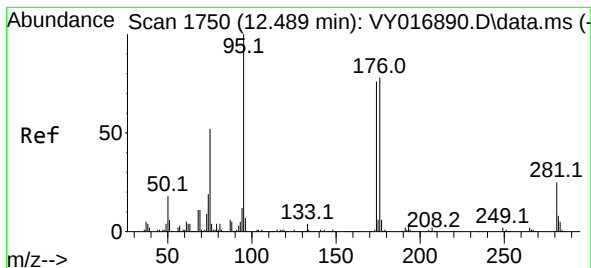
Tgt Ion:113 Resp: 53284
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 39.387 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

Tgt Ion: 98 Resp: 195569
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5

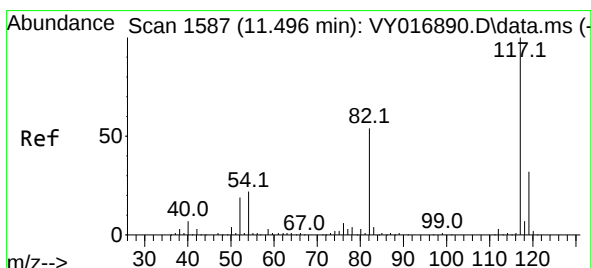
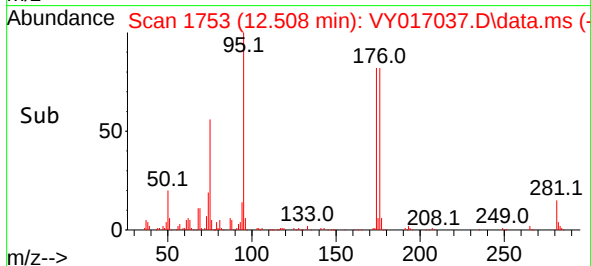
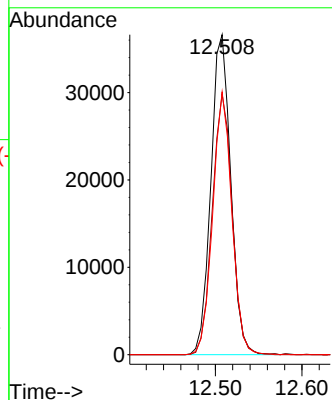
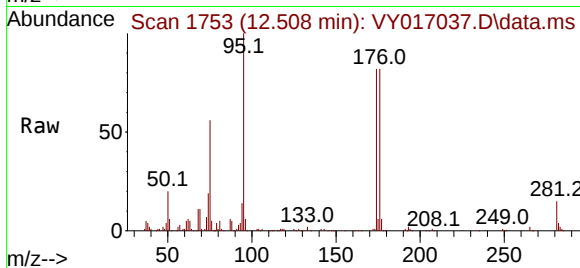




#62
4-Bromofluorobenzene
Concen: 34.862 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

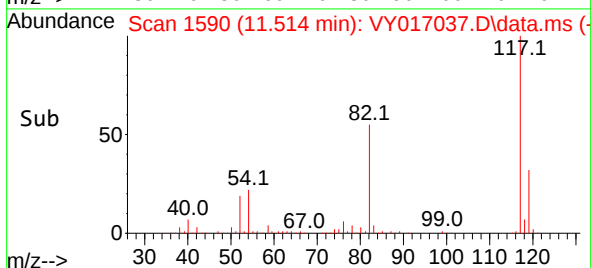
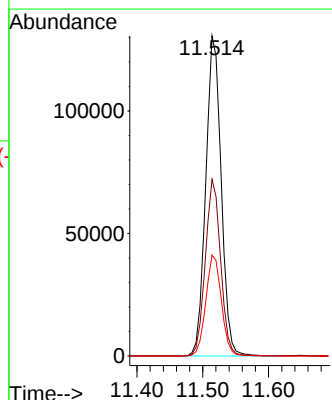
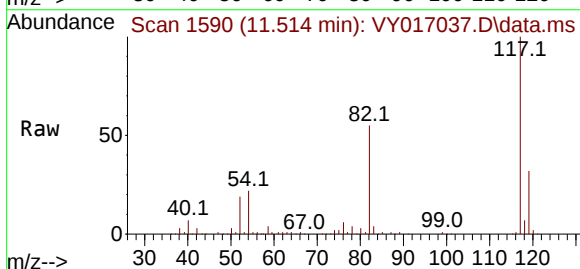
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB

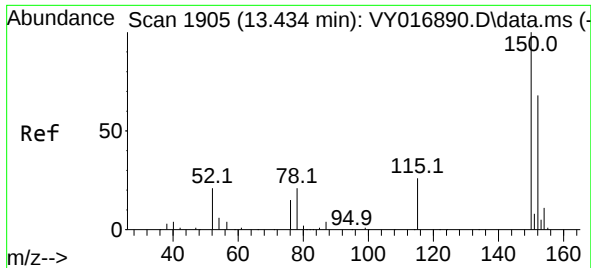
Tgt Ion: 95 Resp: 58402
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.0
176 79.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

Tgt Ion: 117 Resp: 213526
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 31.6 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.019 min
 Lab File: VY017037.D
 Acq: 18 Jan 2024 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-GRAB

Tgt Ion:152 Resp: 76003
 Ion Ratio Lower Upper
 152 100
 115 58.5 30.0 90.0
 150 157.1 0.0 344.6

