

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017036.D
 Acq On : 18 Jan 2024 13:47
 Operator : SY/MD
 Sample : P1169-09
 Misc : 2.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-C-GRAB

Quant Time: Jan 19 02:28:02 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	7.819	168	104231	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	224360	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	207966	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	73458	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	45119	43.797	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.600%
35) Dibromofluoromethane	7.746	113	53158	37.181	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.360%
50) Toluene-d8	10.203	98	194636	39.534	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.060%
62) 4-Bromofluorobenzene	12.501	95	57102	34.377	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.760%

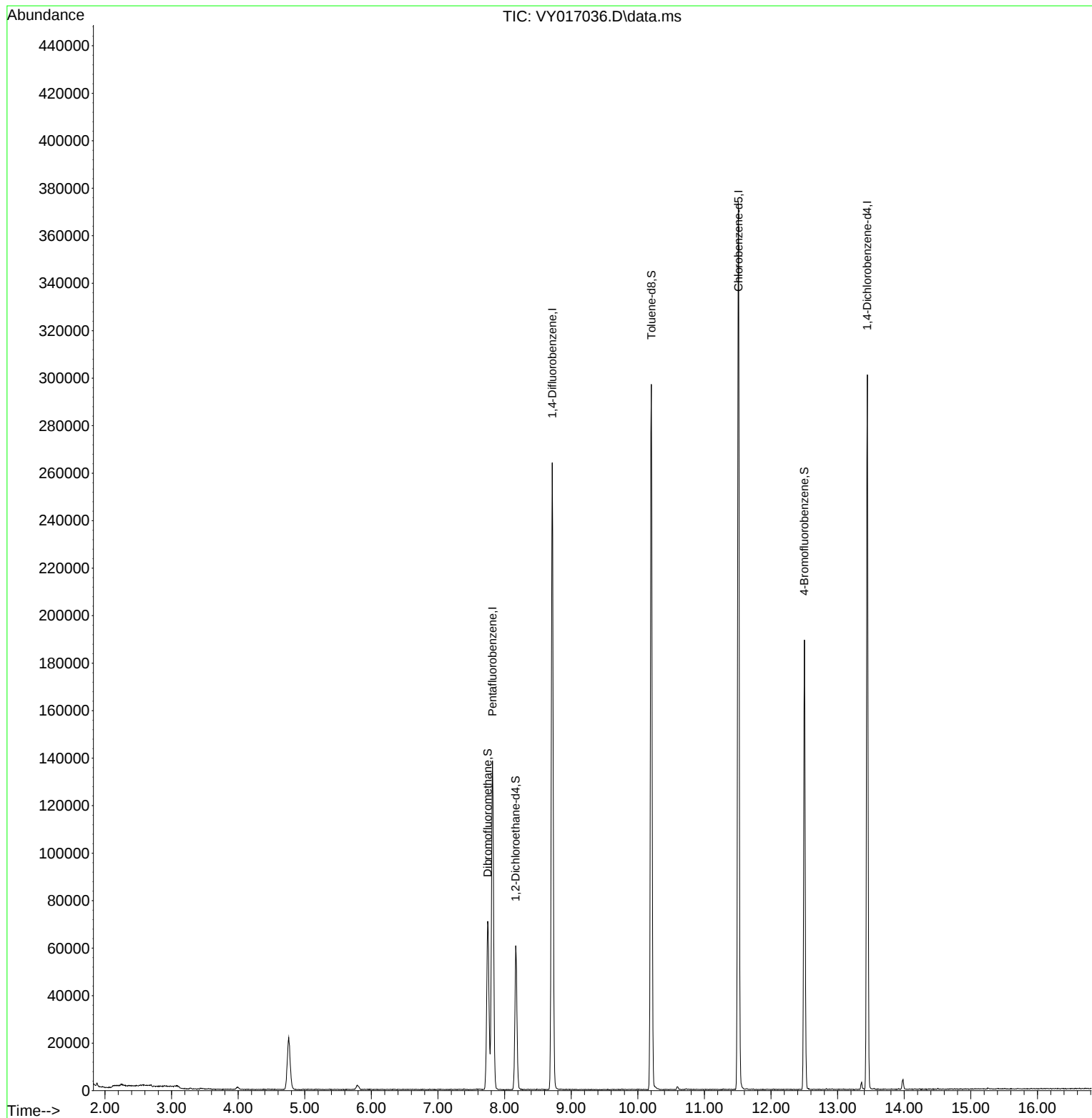
Target Compounds	Qvalue

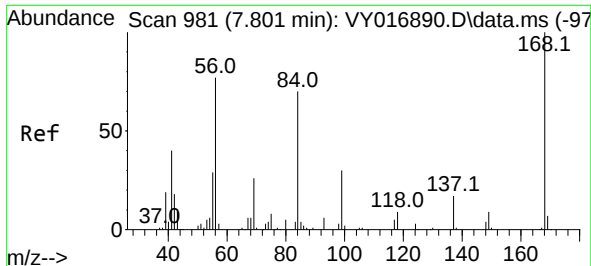
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
Data File : VY017036.D
Acq On : 18 Jan 2024 13:47
Operator : SY/MD
Sample : P1169-09
Misc : 2.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

Quant Time: Jan 19 02:28:02 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

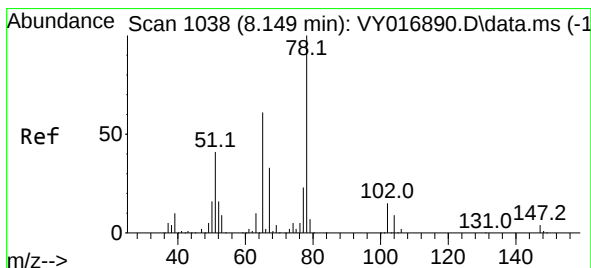
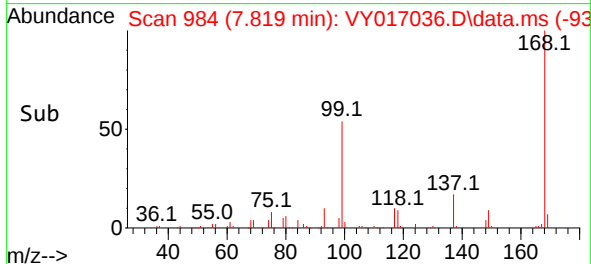
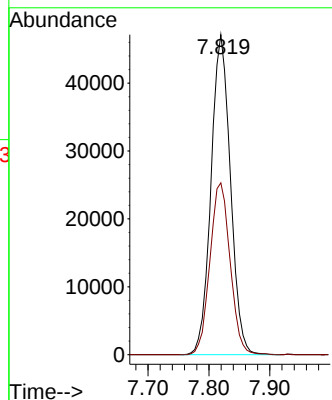
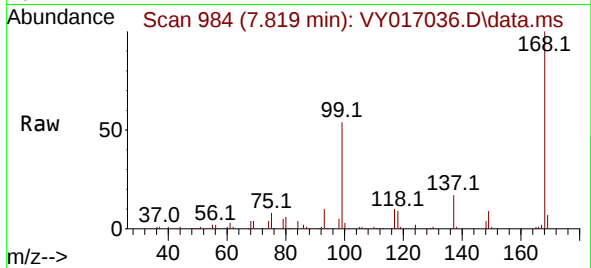




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

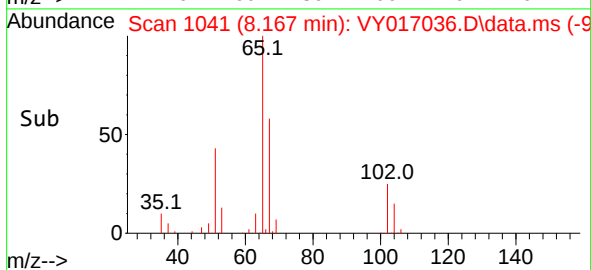
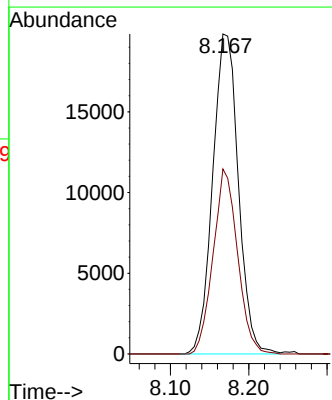
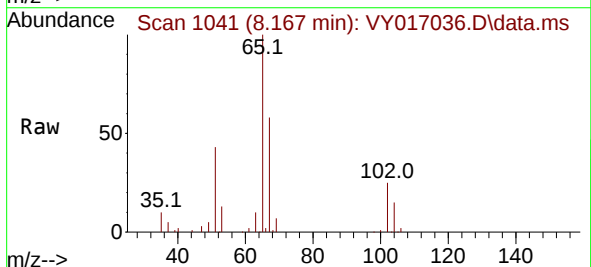
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

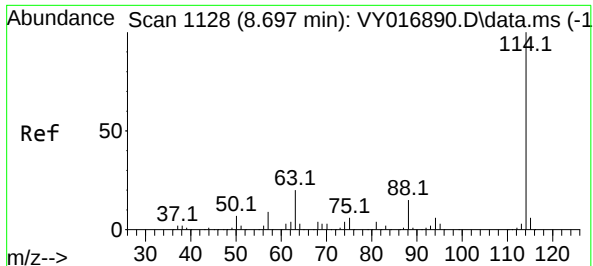
Tgt Ion:168 Resp: 104231
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 43.797 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Tgt Ion: 65 Resp: 45119
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY017036.D

Acq: 18 Jan 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-C-GRAB

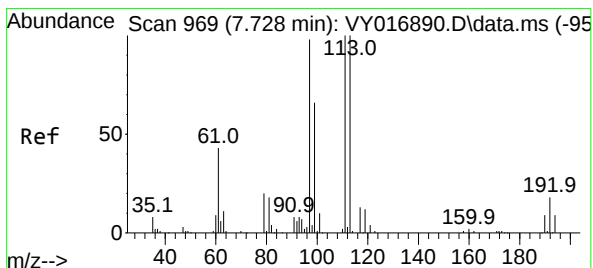
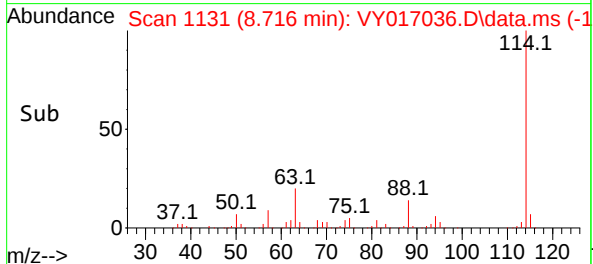
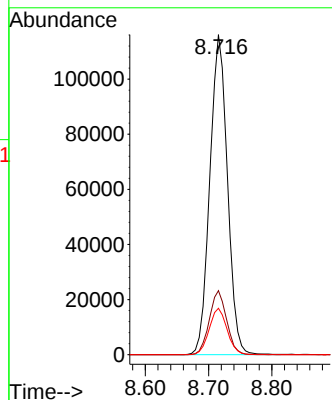
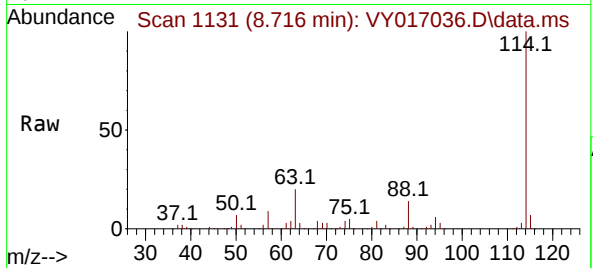
Tgt Ion:114 Resp: 224360

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.181 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017036.D

Acq: 18 Jan 2024 13:47

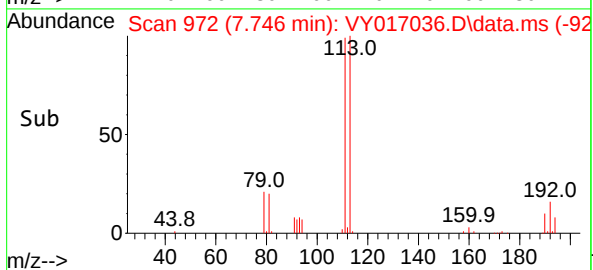
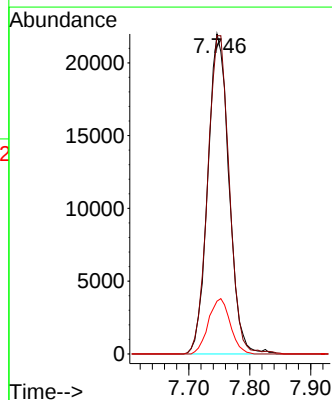
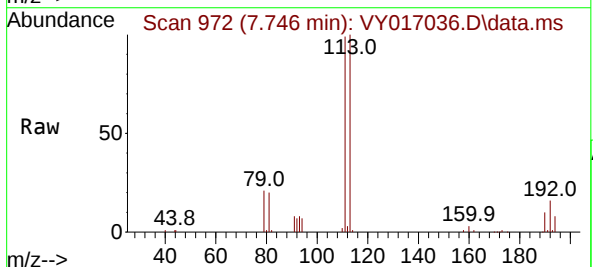
Tgt Ion:113 Resp: 53158

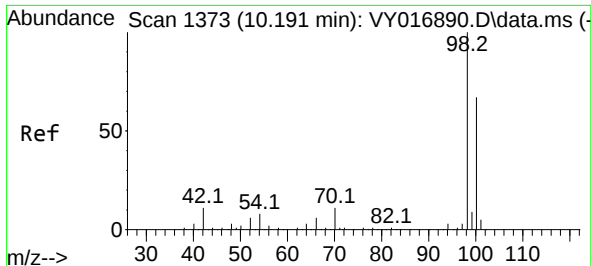
Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 17.7 14.5 21.7

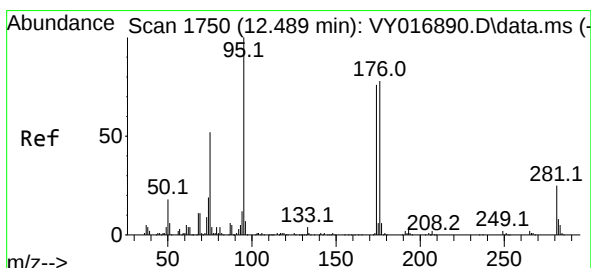
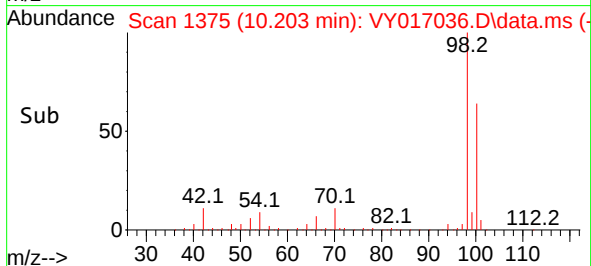
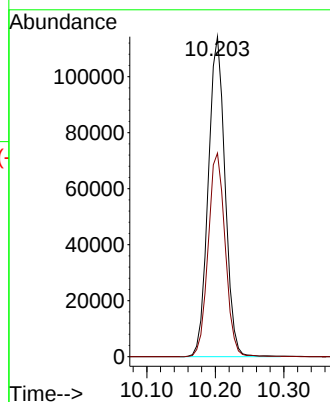
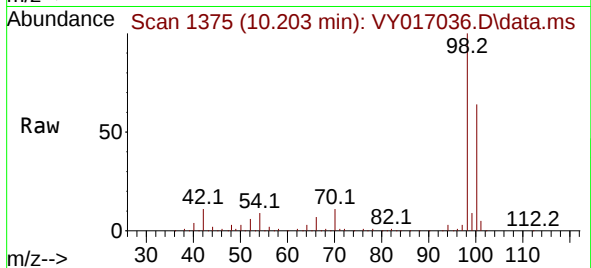




#50
Toluene-d8
Concen: 39.534 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

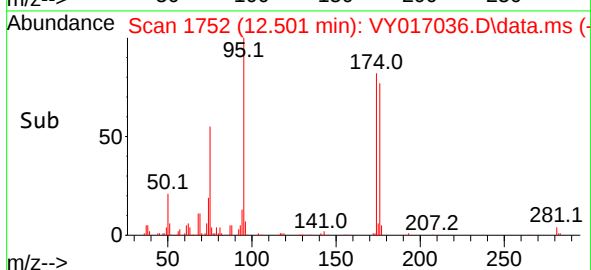
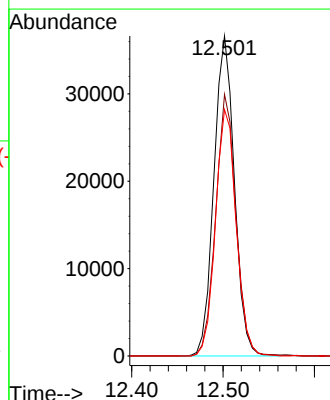
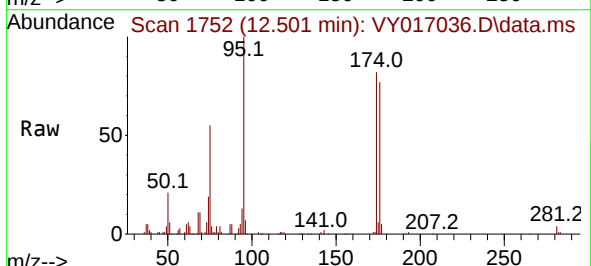
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

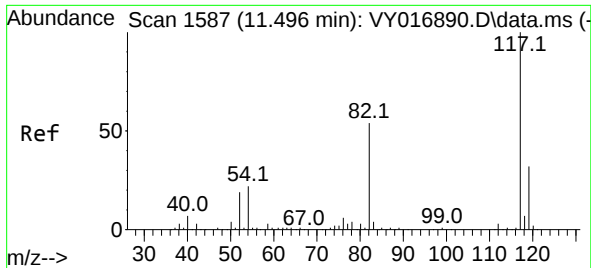
Tgt Ion: 98 Resp: 194636
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 34.377 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Tgt Ion: 95 Resp: 57102
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.0
176 77.7 0.0 151.8

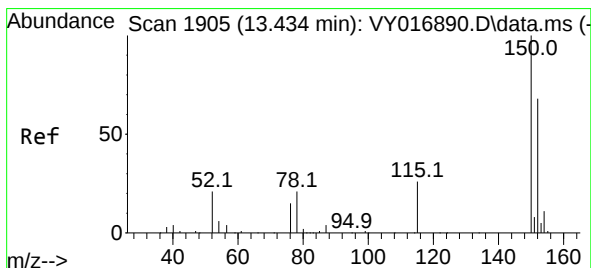
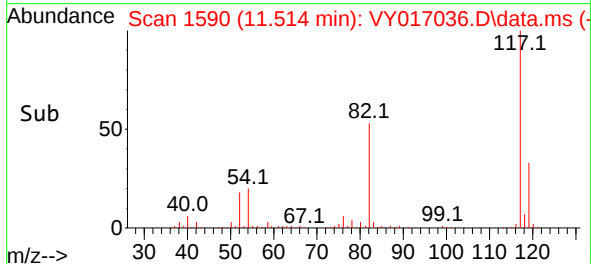
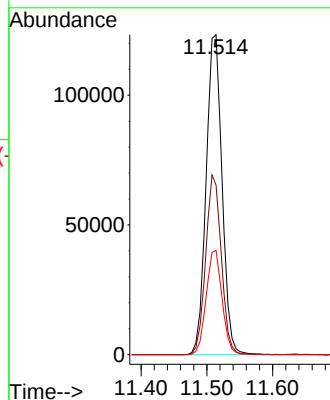
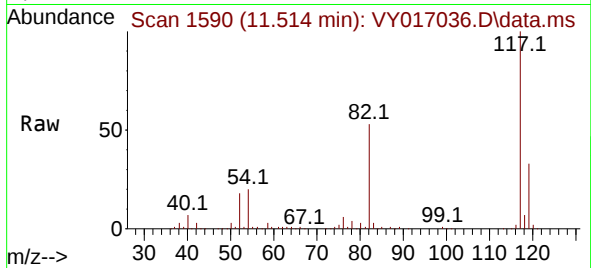




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

Tgt Ion:117 Resp: 207966
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.8
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Tgt Ion:152 Resp: 73458
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 158.1 0.0 344.6

