

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018935.D
 Acq On : 08 Aug 2024 18:28
 Operator : SY/MD
 Sample : VY0808SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBL01

Quant Time: Aug 09 05:08:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	75136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	118259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	96703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	44186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	32504	49.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.540%
35) Dibromofluoromethane	7.622	113	36305	48.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.103	98	134196	46.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.520%
62) 4-Bromofluorobenzene	12.408	95	35737	41.520	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.040%

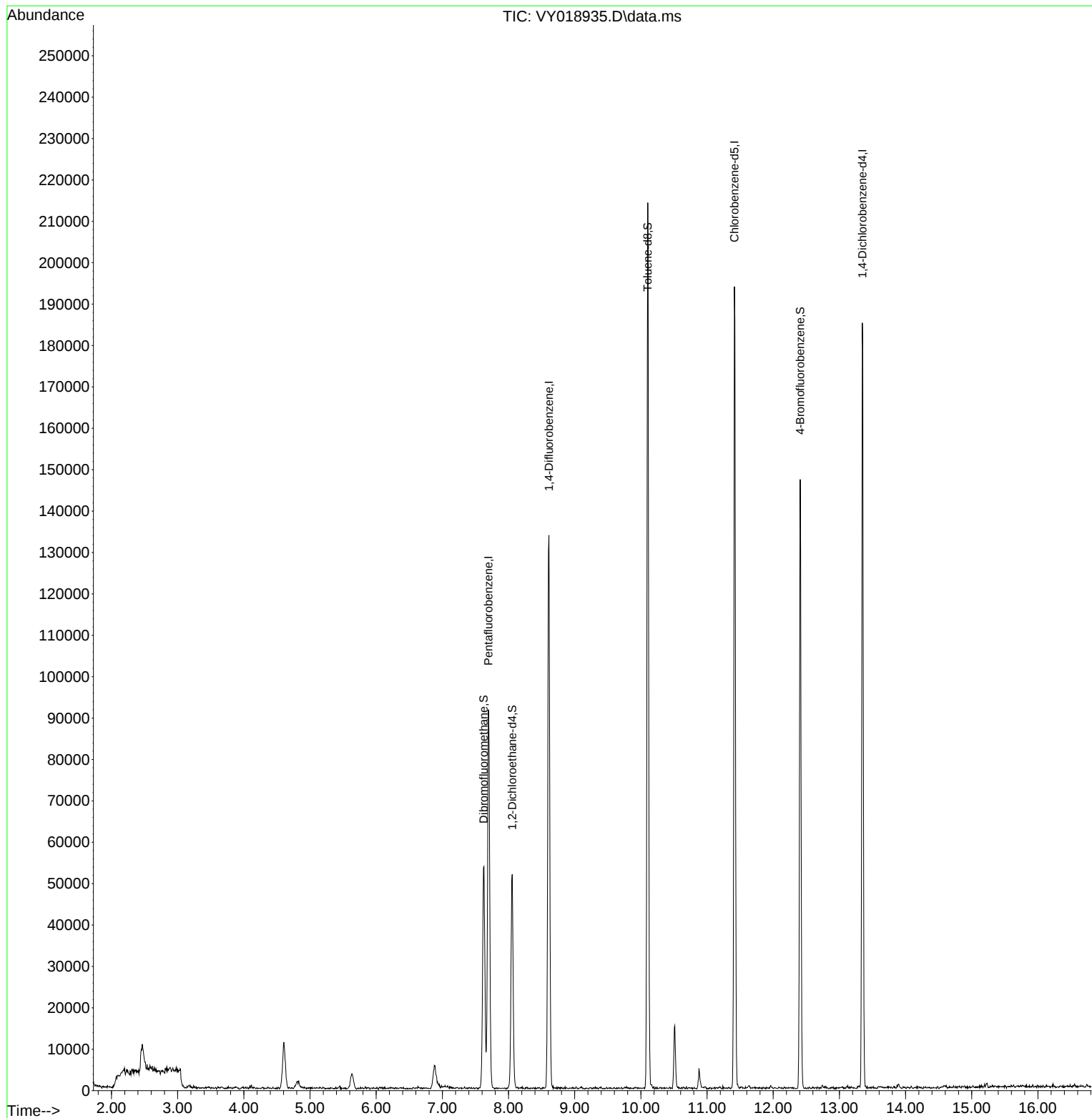
Target Compounds	Qvalue

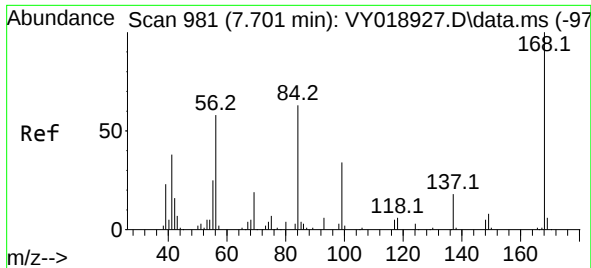
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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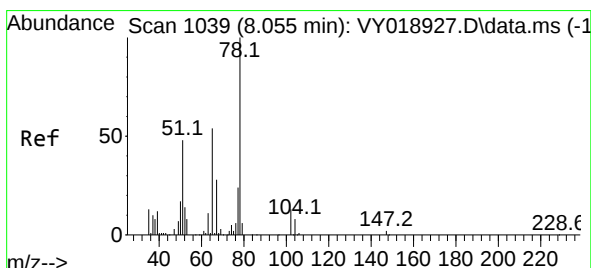
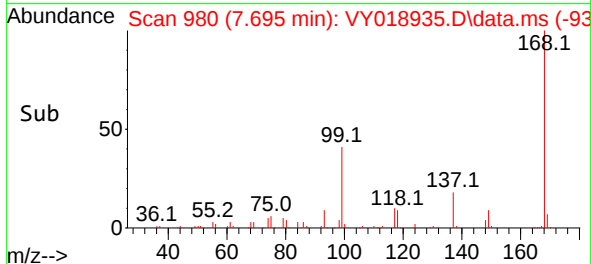
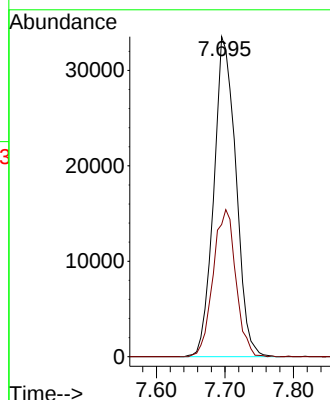
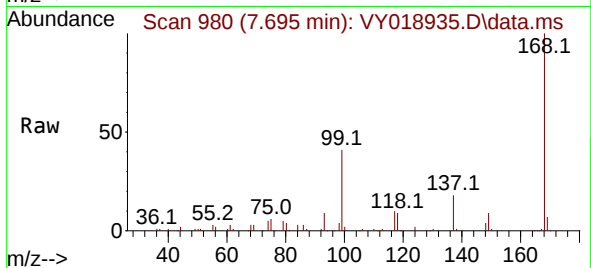




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY018935.D
Acq: 08 Aug 2024 18:28

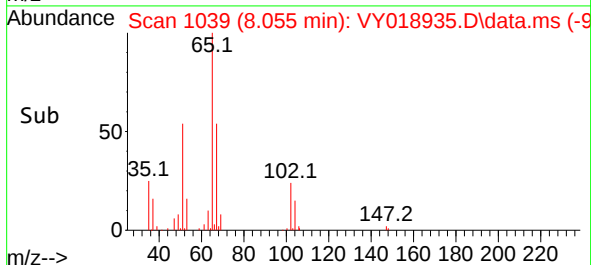
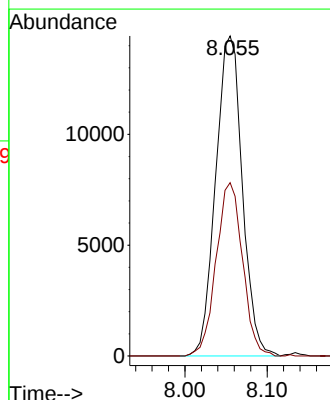
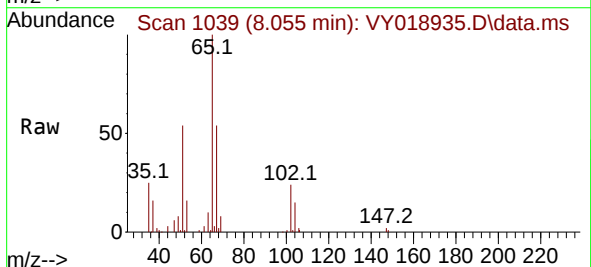
Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL01

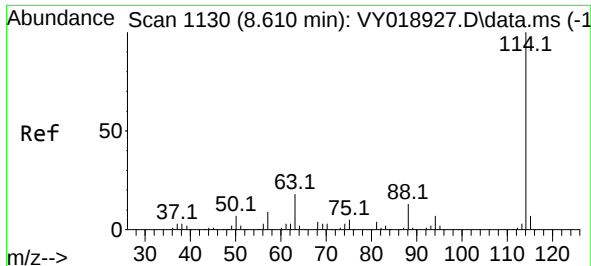
Tgt Ion:168 Resp: 75136
Ion Ratio Lower Upper
168 100
99 41.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.272 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018935.D
Acq: 08 Aug 2024 18:28

Tgt Ion: 65 Resp: 32504
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

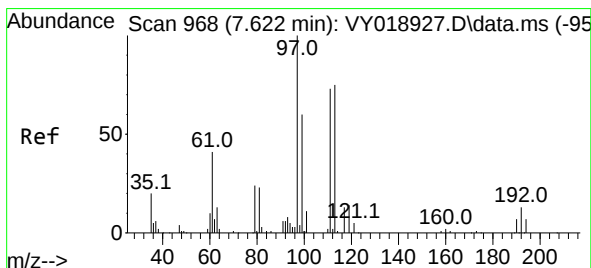
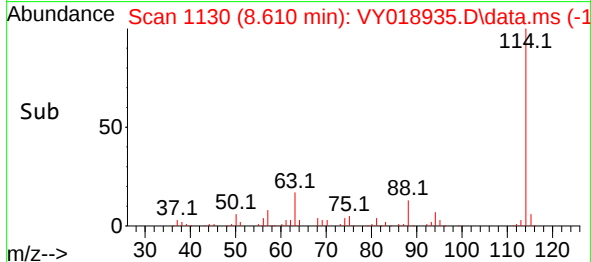
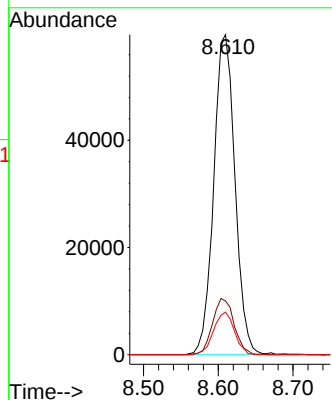
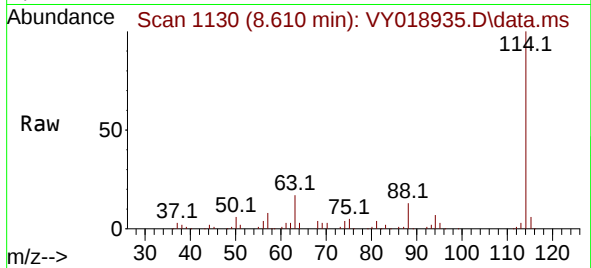




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY018935.D
Acq: 08 Aug 2024 18:28

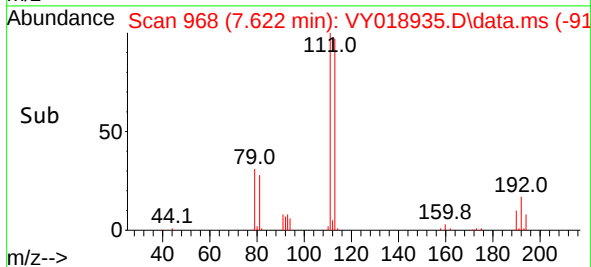
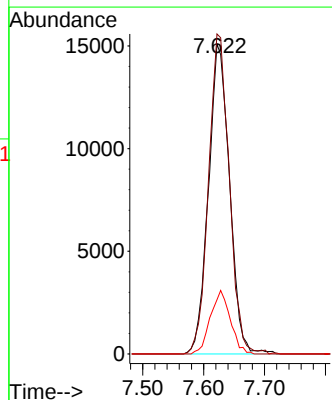
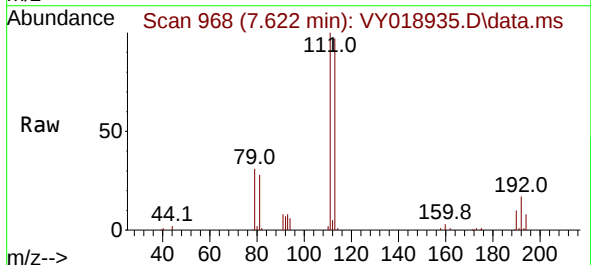
Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL01

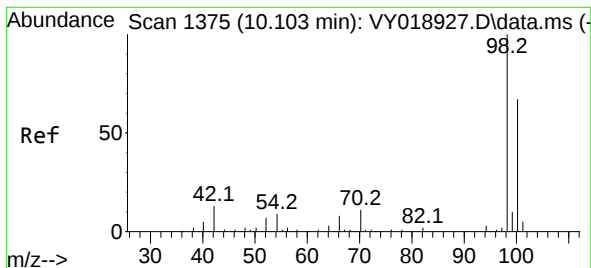
Tgt Ion:114 Resp: 118259
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.0
88 13.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.067 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY018935.D
Acq: 08 Aug 2024 18:28

Tgt Ion:113 Resp: 36305
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 19.4 15.9 23.9





#50

Toluene-d8

Concen: 46.256 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018935.D

Acq: 08 Aug 2024 18:28

Instrument :

MSVOA_Y

ClientSampleId :

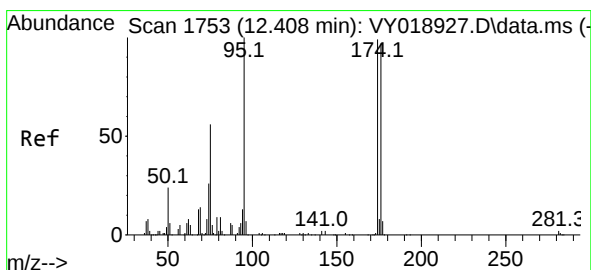
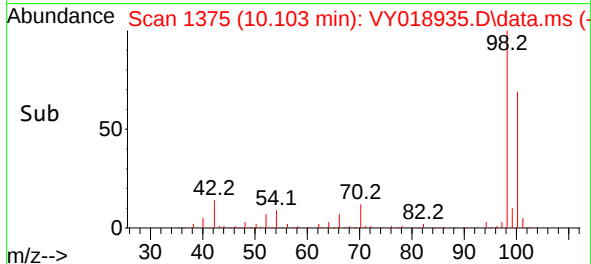
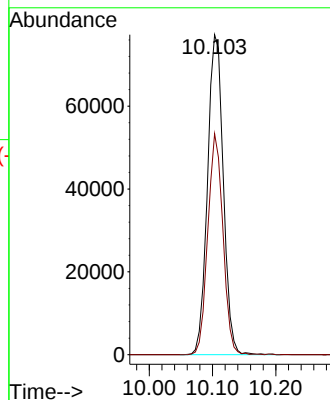
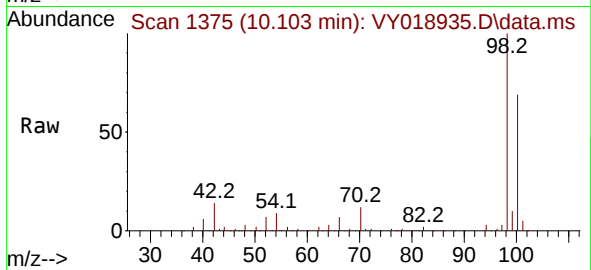
VY0808SBL01

Tgt Ion: 98 Resp: 134196

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.520 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY018935.D

Acq: 08 Aug 2024 18:28

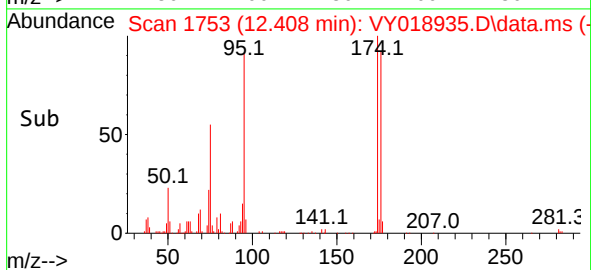
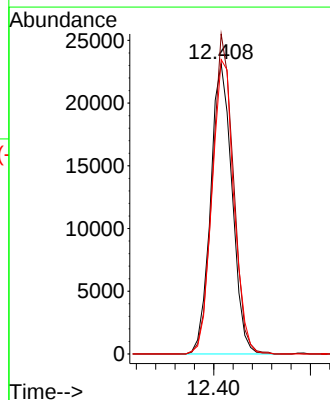
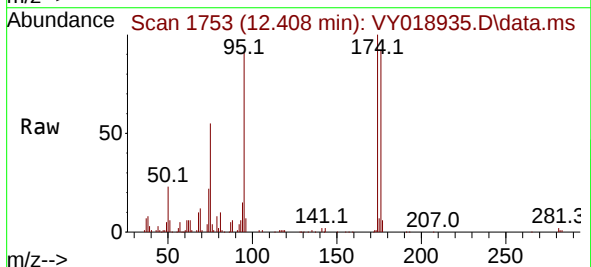
Tgt Ion: 95 Resp: 35737

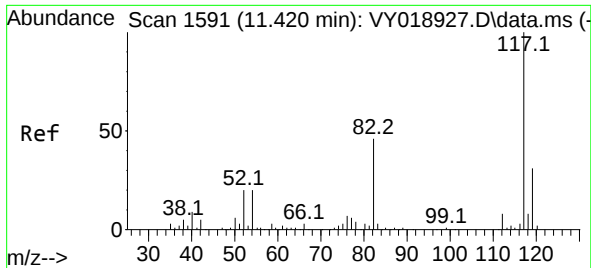
Ion Ratio Lower Upper

95 100

174 107.2 0.0 175.6

176 102.7 0.0 171.4

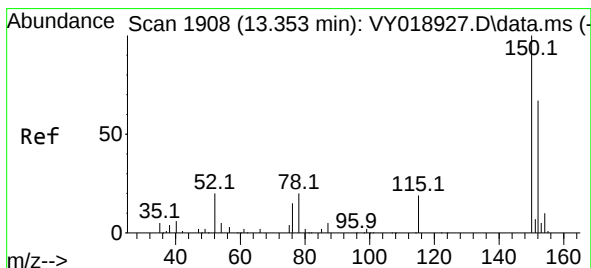
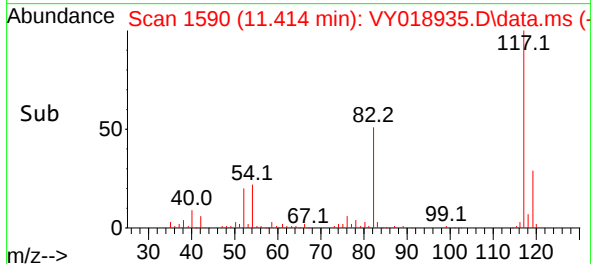
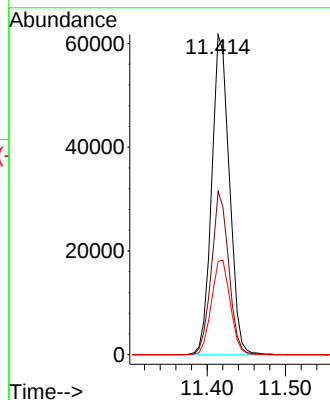
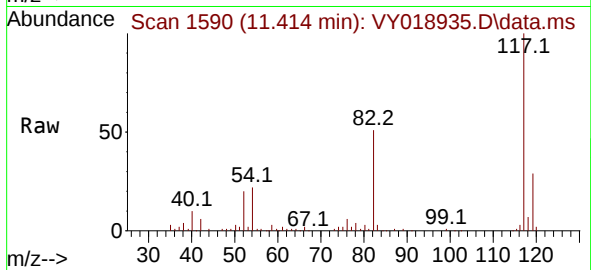




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018935.D
Acq: 08 Aug 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL01

Tgt Ion:117 Resp: 96703
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 29.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY018935.D
Acq: 08 Aug 2024 18:28

Tgt Ion:152 Resp: 44186
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 158.3 0.0 345.6

