

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009935.D
 Acq On : 09 Aug 2022 22:33
 Operator : KP/MD
 Sample : VY0809SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBL02

Quant Time: Aug 10 01:32:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	70516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	147205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67396	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29987	54.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.760%
35) Dibromofluoromethane	7.710	113	27070	34.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.260%
50) Toluene-d8	10.173	98	103225	41.877	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.760%
62) 4-Bromofluorobenzene	12.477	95	33064	29.859	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.720%

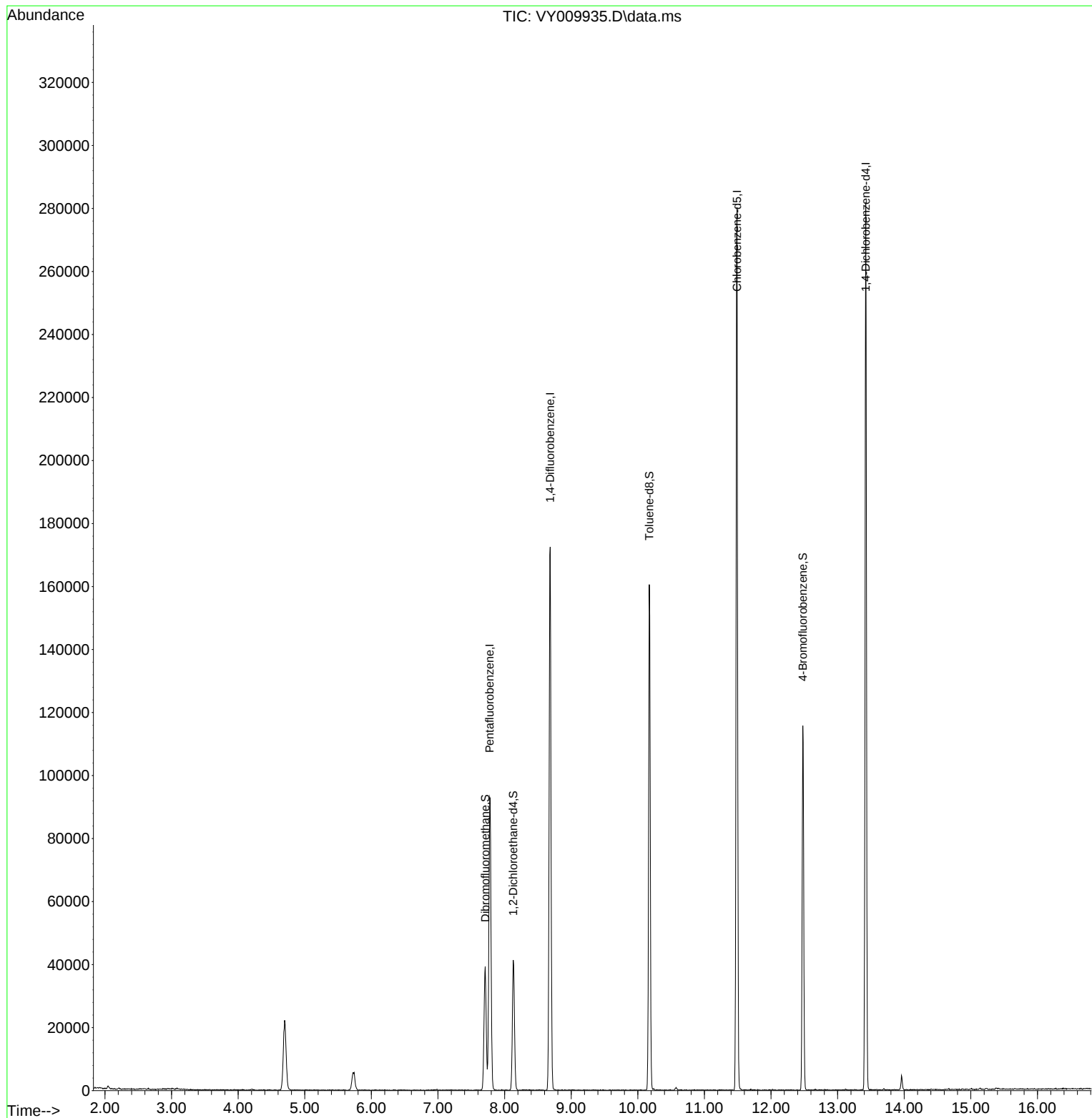
Target Compounds	Qvalue

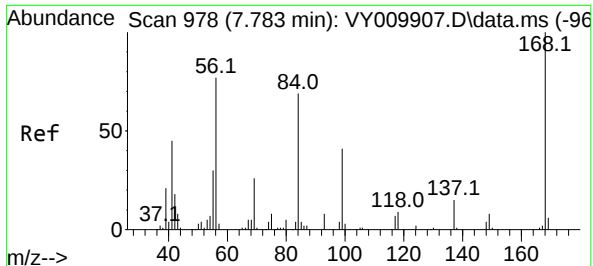
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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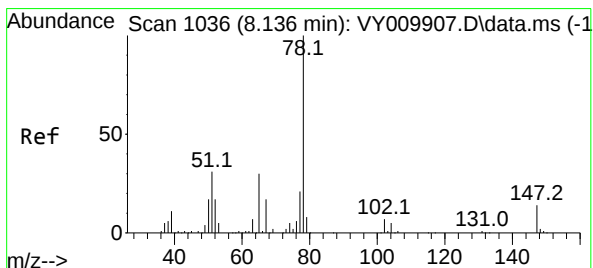
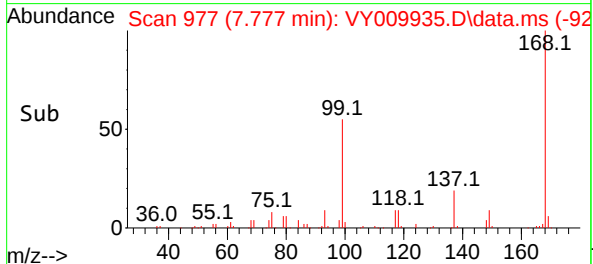
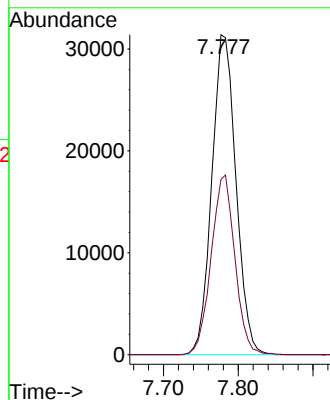
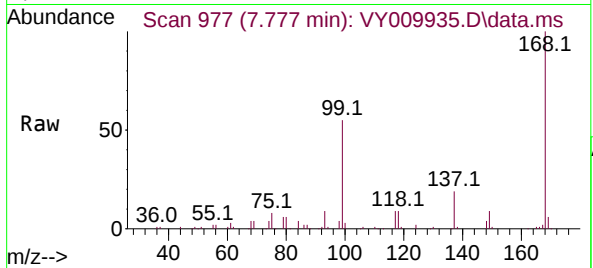




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009935.D
Acq: 09 Aug 2022 22:33

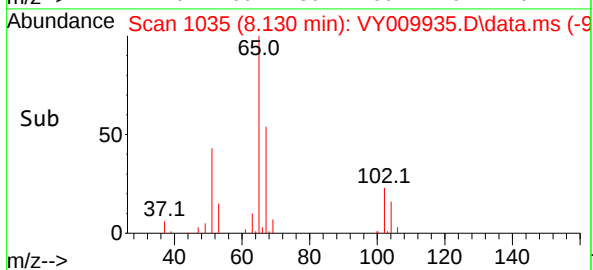
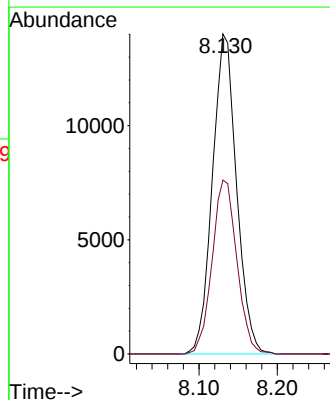
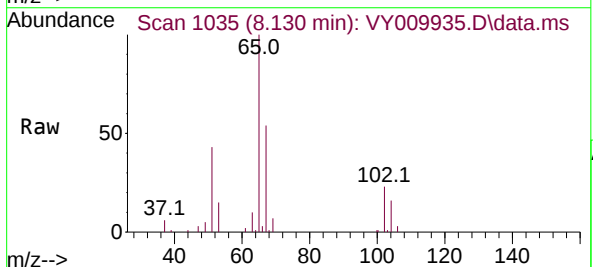
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBL02

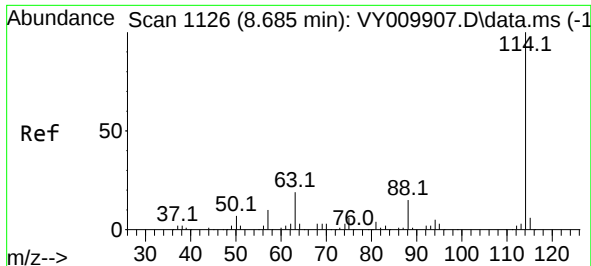
Tgt Ion:168 Resp: 70516
Ion Ratio Lower Upper
168 100
99 54.8 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 54.882 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009935.D
Acq: 09 Aug 2022 22:33

Tgt Ion: 65 Resp: 29987
Ion Ratio Lower Upper
65 100
67 55.7 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009935.D

Acq: 09 Aug 2022 22:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBL02

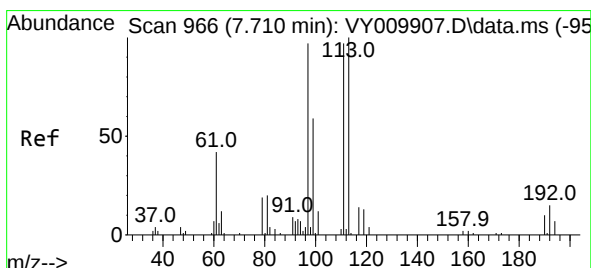
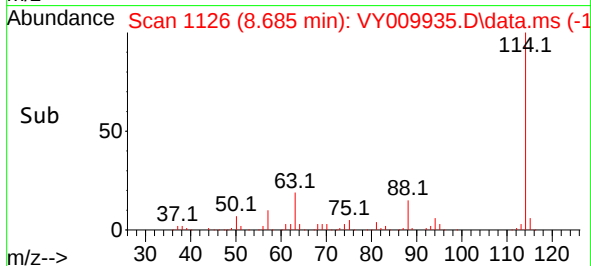
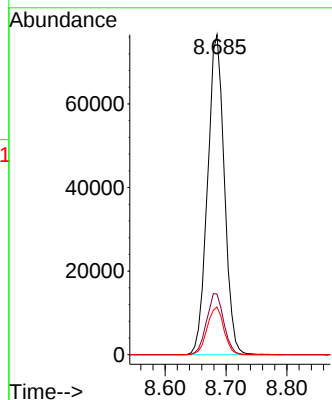
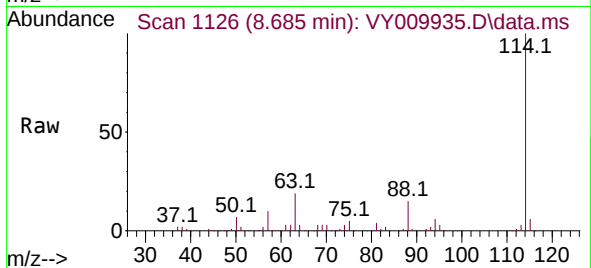
Tgt Ion:114 Resp: 146092

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

88 14.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 34.134 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009935.D

Acq: 09 Aug 2022 22:33

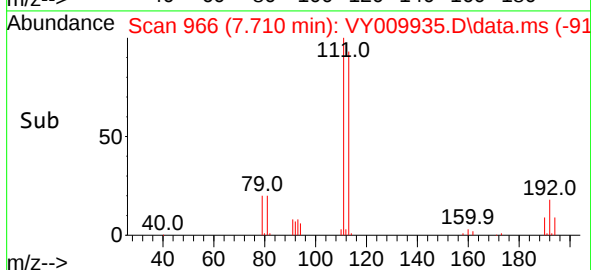
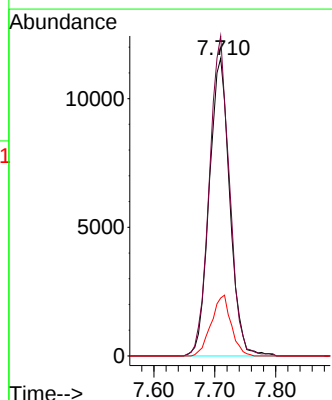
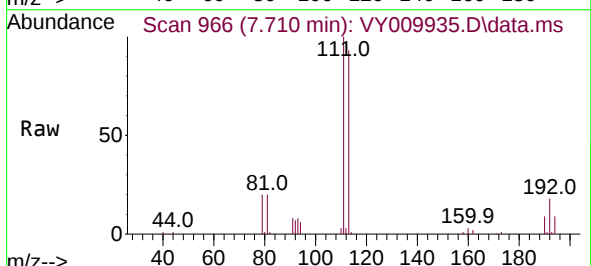
Tgt Ion:113 Resp: 27070

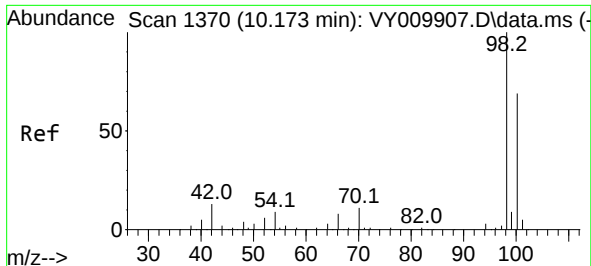
Ion Ratio Lower Upper

113 100

111 105.2 80.6 120.8

192 19.7 16.2 24.4

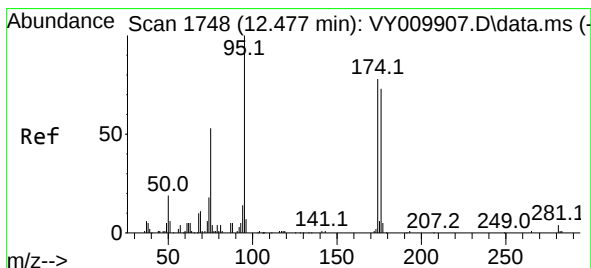
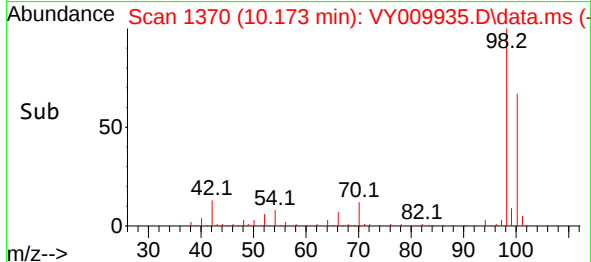
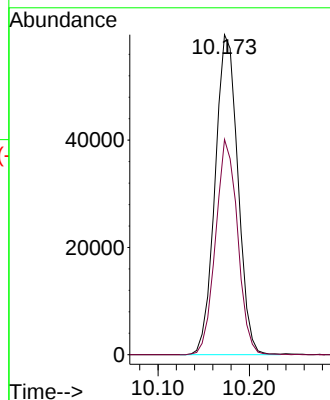
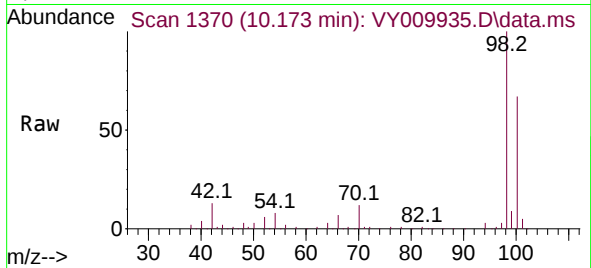




#50
Toluene-d8
Concen: 41.877 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009935.D
Acq: 09 Aug 2022 22:33

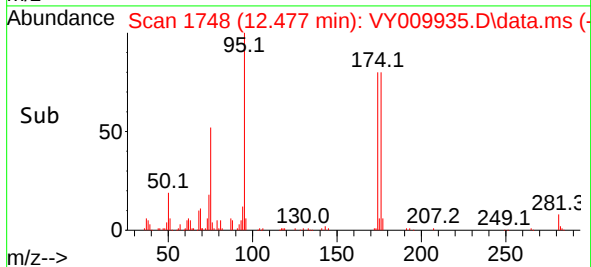
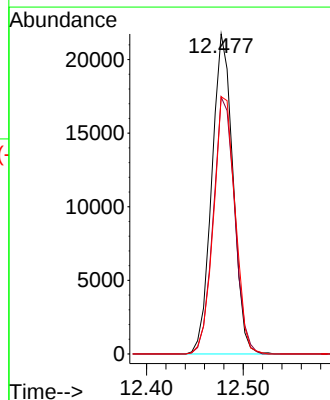
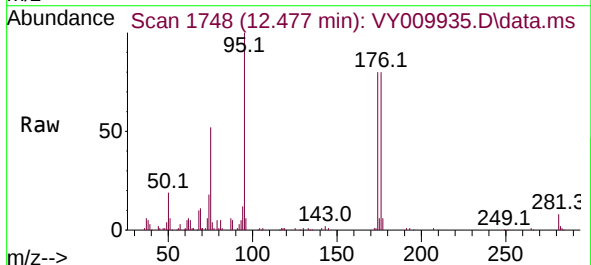
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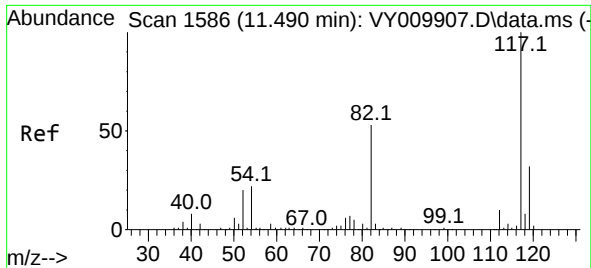
Tgt Ion: 98 Resp: 103225
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.859 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009935.D
Acq: 09 Aug 2022 22:33

Tgt Ion: 95 Resp: 33064
Ion Ratio Lower Upper
95 100
174 81.0 0.0 173.8
176 82.1 0.0 167.0

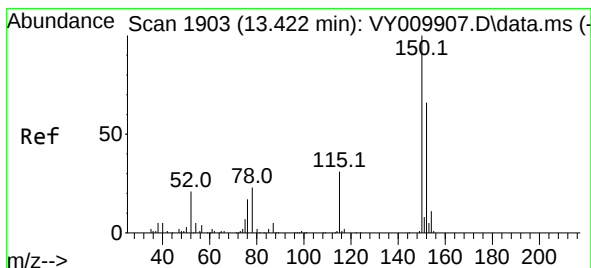
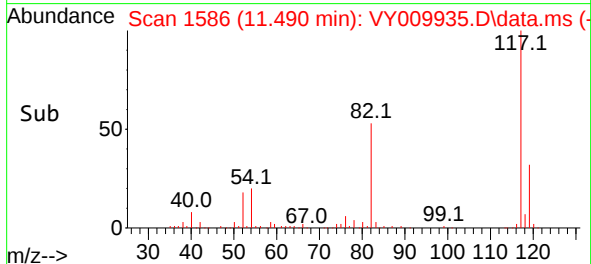
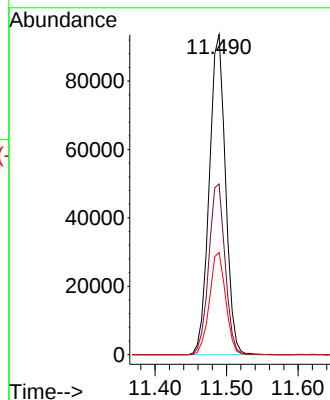
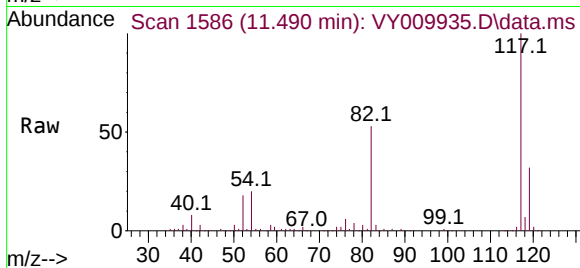




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009935.D
Acq: 09 Aug 2022 22:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBL02

Tgt Ion:117 Resp: 147205
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009935.D
Acq: 09 Aug 2022 22:33

Tgt Ion:152 Resp: 67396
Ion Ratio Lower Upper
152 100
115 58.5 28.6 85.9
150 159.0 0.0 349.8

