

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009945.D
 Acq On : 10 Aug 2022 02:53
 Operator : KP/MD
 Sample : N4017-08
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05

Quant Time: Aug 10 08:13:54 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	7.783	168	36716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	76691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	88634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16899	59.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.880%
35) Dibromofluoromethane	7.710	113	16143	38.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.560%
50) Toluene-d8	10.173	98	57889	45.268	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.540%
62) 4-Bromofluorobenzene	12.477	95	19319	33.235	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.460%

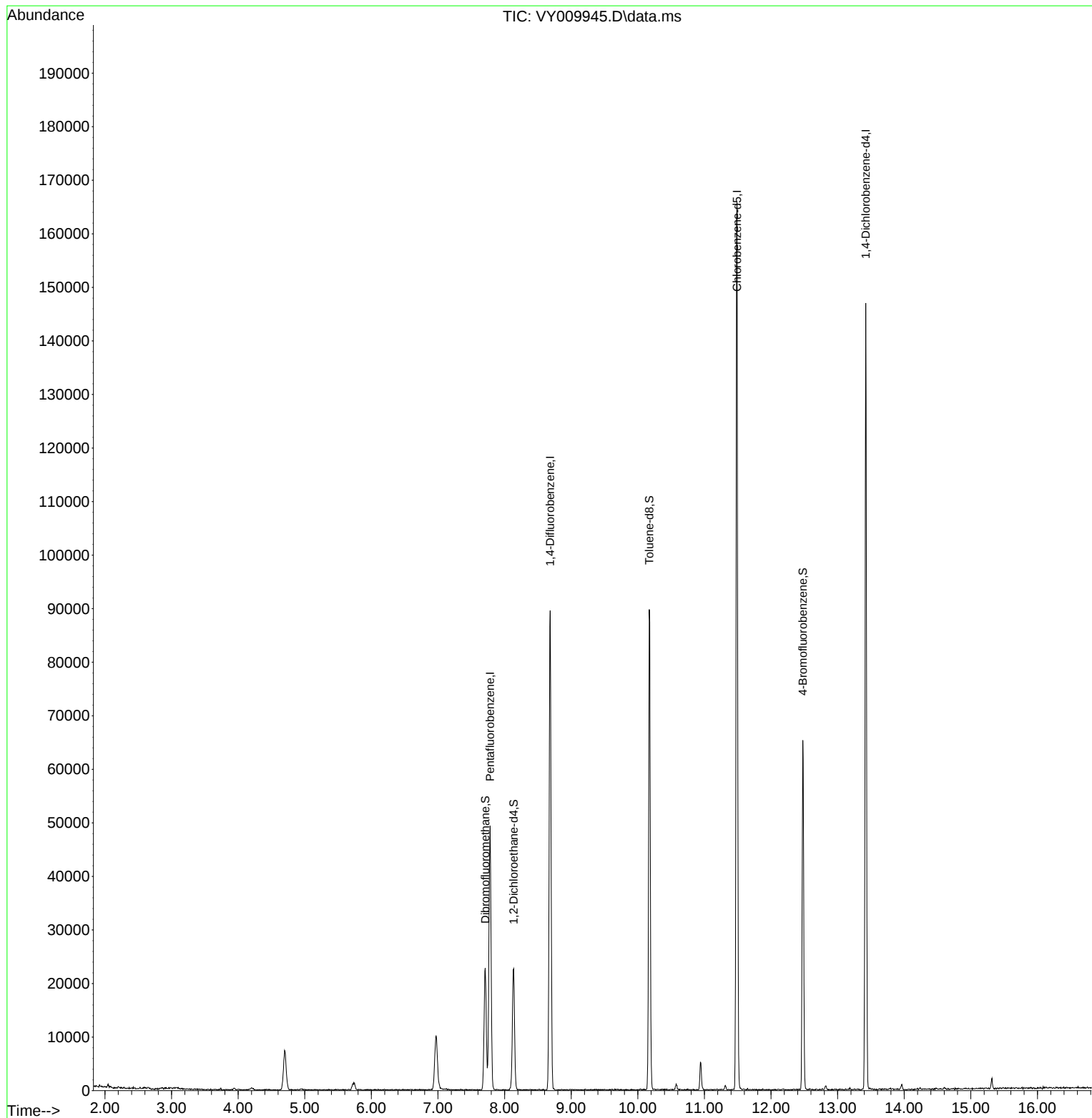
Target Compounds	Qvalue

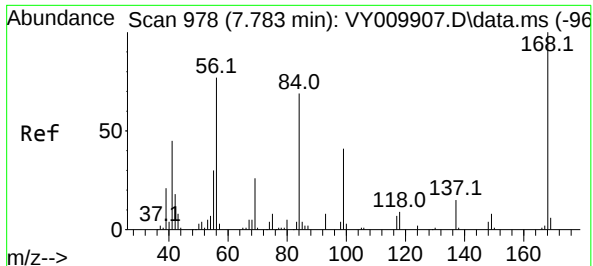
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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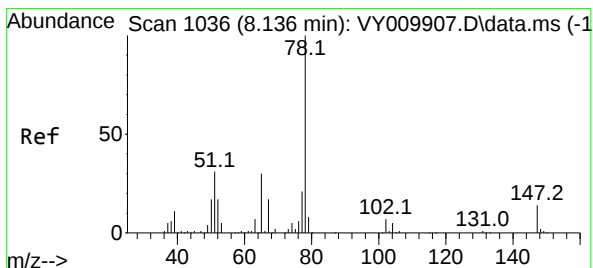
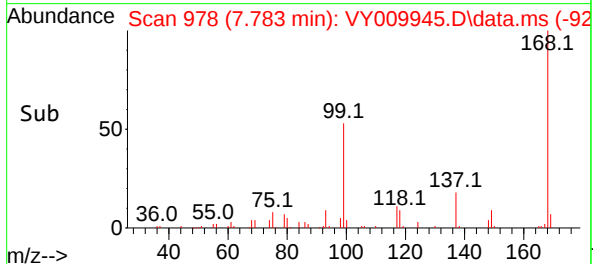
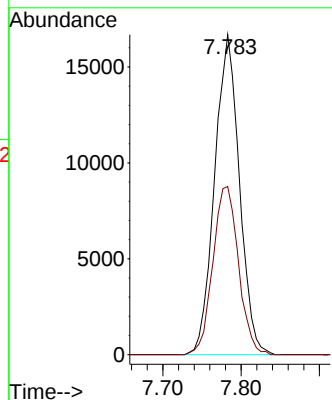
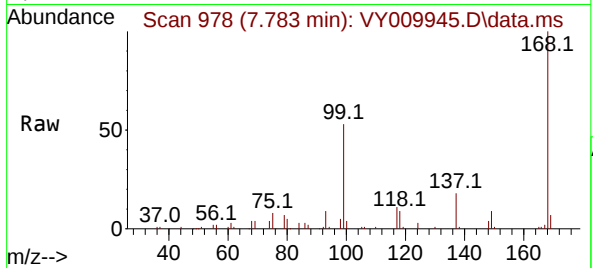




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009945.D
Acq: 10 Aug 2022 02:53

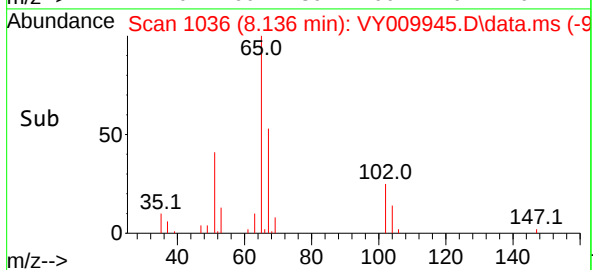
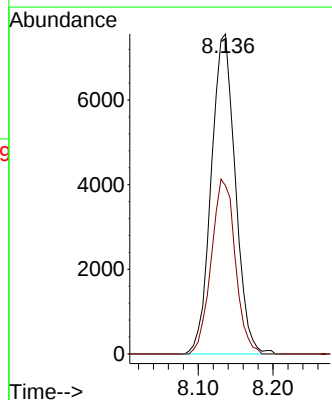
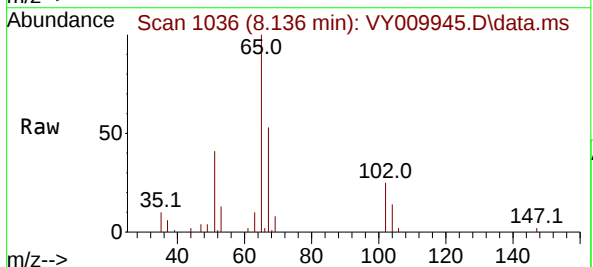
Instrument :
MSVOA_Y
ClientSampleId :
SB05

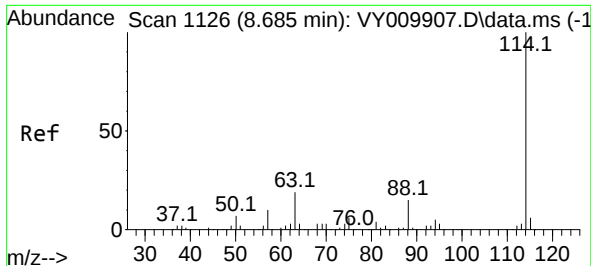
Tgt Ion:168 Resp: 36716
Ion Ratio Lower Upper
168 100
99 52.5 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 59.935 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009945.D
Acq: 10 Aug 2022 02:53

Tgt Ion: 65 Resp: 16899
Ion Ratio Lower Upper
65 100
67 54.5 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: VY009945.D

Acq: 10 Aug 2022 02:53

Instrument :

MSVOA_Y

ClientSampleId :

SB05

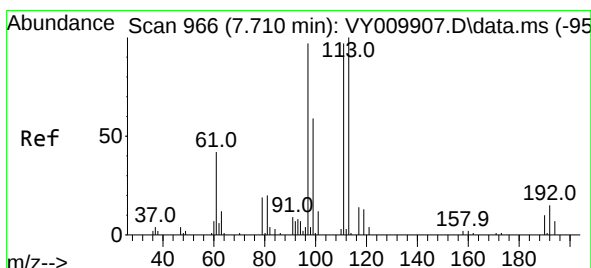
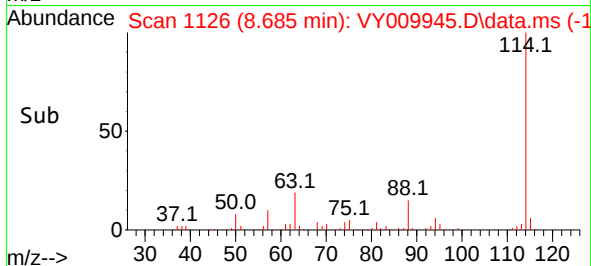
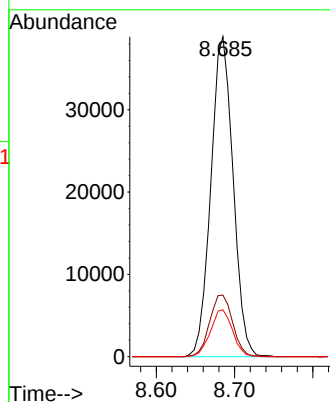
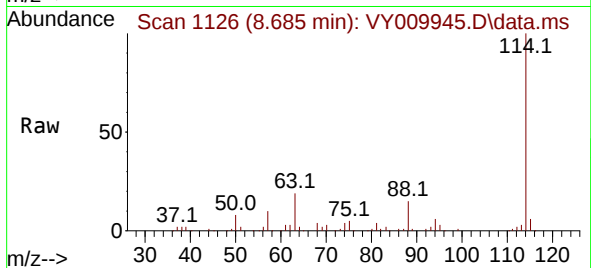
Tgt Ion:114 Resp: 76691

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

88 14.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 38.776 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009945.D

Acq: 10 Aug 2022 02:53

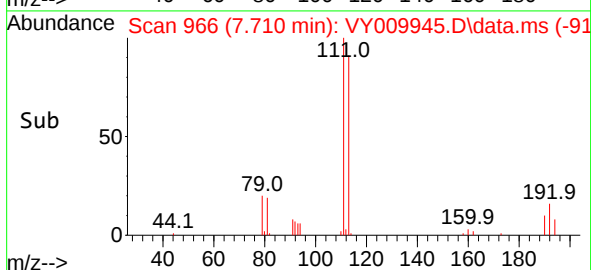
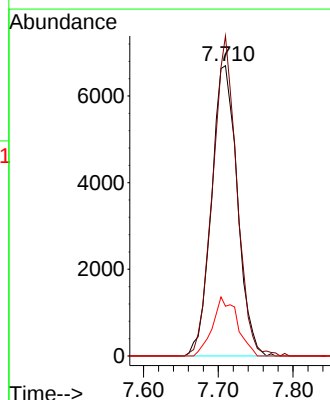
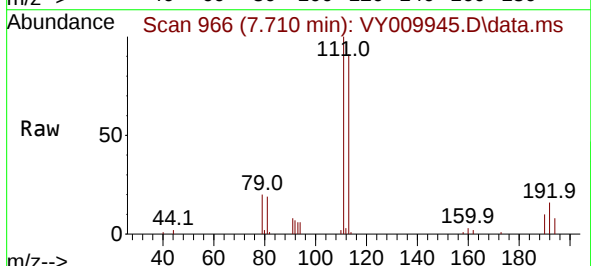
Tgt Ion:113 Resp: 16143

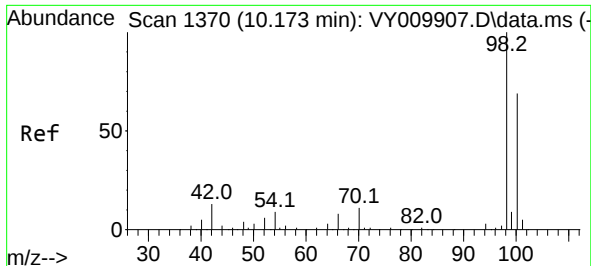
Ion Ratio Lower Upper

113 100

111 102.4 80.6 120.8

192 19.4 16.2 24.4

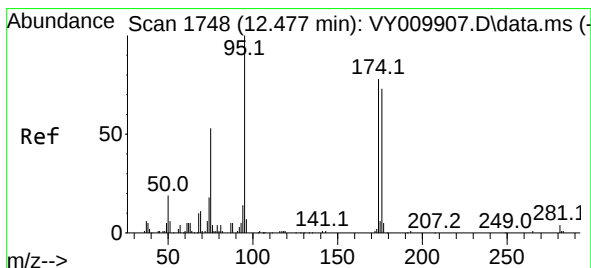
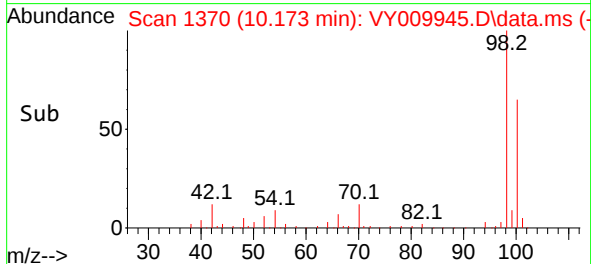
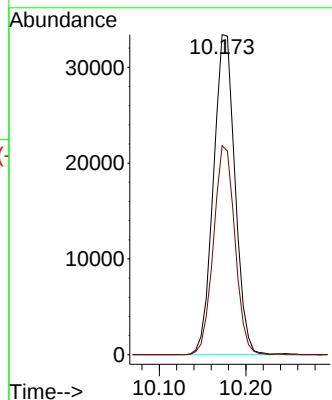
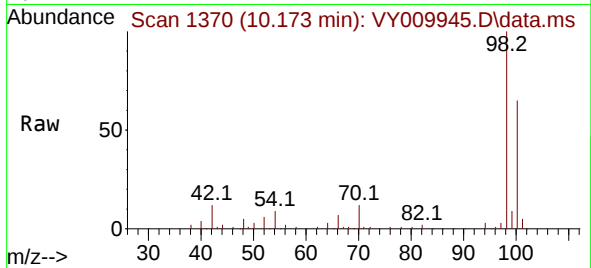




#50
Toluene-d8
Concen: 45.268 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009945.D
Acq: 10 Aug 2022 02:53

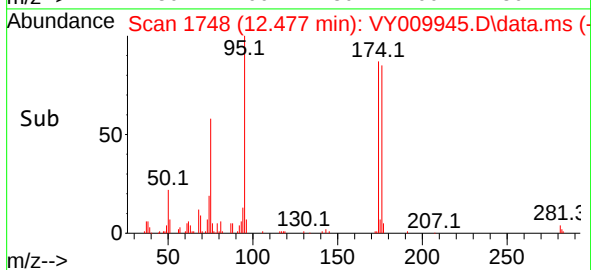
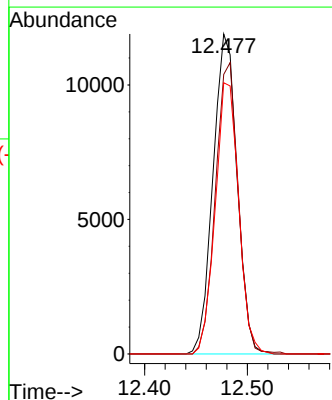
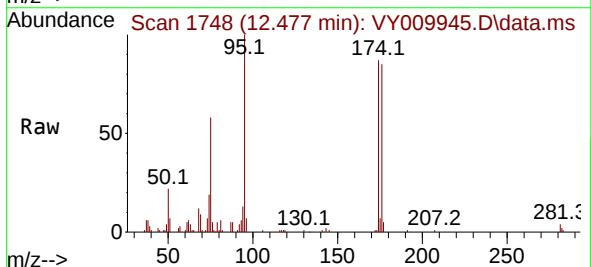
Instrument :
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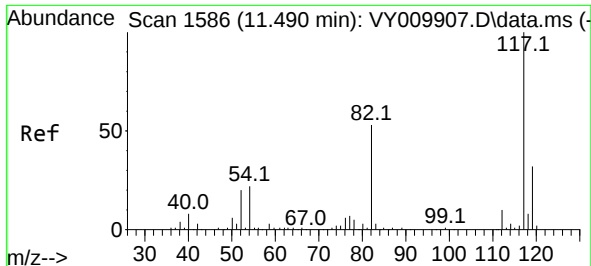
Tgt Ion: 98 Resp: 57889
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 33.235 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009945.D
Acq: 10 Aug 2022 02:53

Tgt Ion: 95 Resp: 19319
Ion Ratio Lower Upper
95 100
174 86.8 0.0 173.8
176 82.6 0.0 167.0

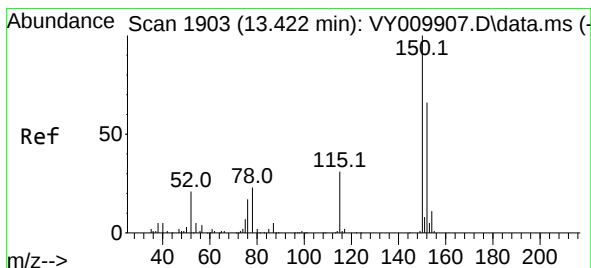
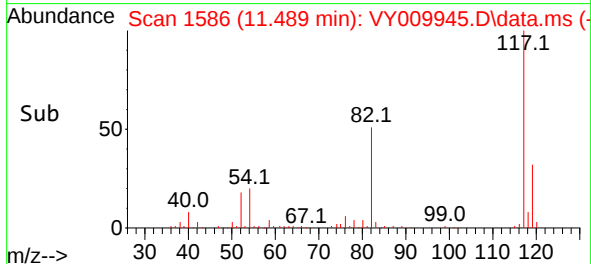
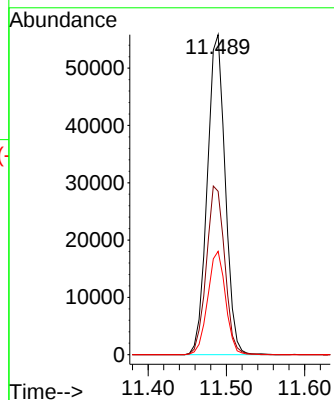
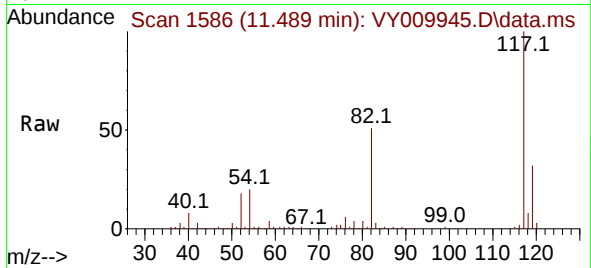




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009945.D
Acq: 10 Aug 2022 02:53

Instrument :
MSVOA_Y
ClientSampleId :
SB05

Tgt Ion:117 Resp: 88634
Ion Ratio Lower Upper
117 100
82 51.0 41.8 62.6
119 32.3 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: VY009945.D
Acq: 10 Aug 2022 02:53

Tgt Ion:152 Resp: 35522
Ion Ratio Lower Upper
152 100
115 58.1 28.6 85.9
150 158.4 0.0 349.8

