

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009942.D
 Acq On : 10 Aug 2022 01:42
 Operator : KP/MD
 Sample : N4017-05
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB12

Quant Time: Aug 10 08:13:25 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	67652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28941	55.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.500%
35) Dibromofluoromethane	7.704	113	26430	34.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.320%
50) Toluene-d8	10.173	98	99135	41.820	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.640%
62) 4-Bromofluorobenzene	12.477	95	32436	30.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.940%

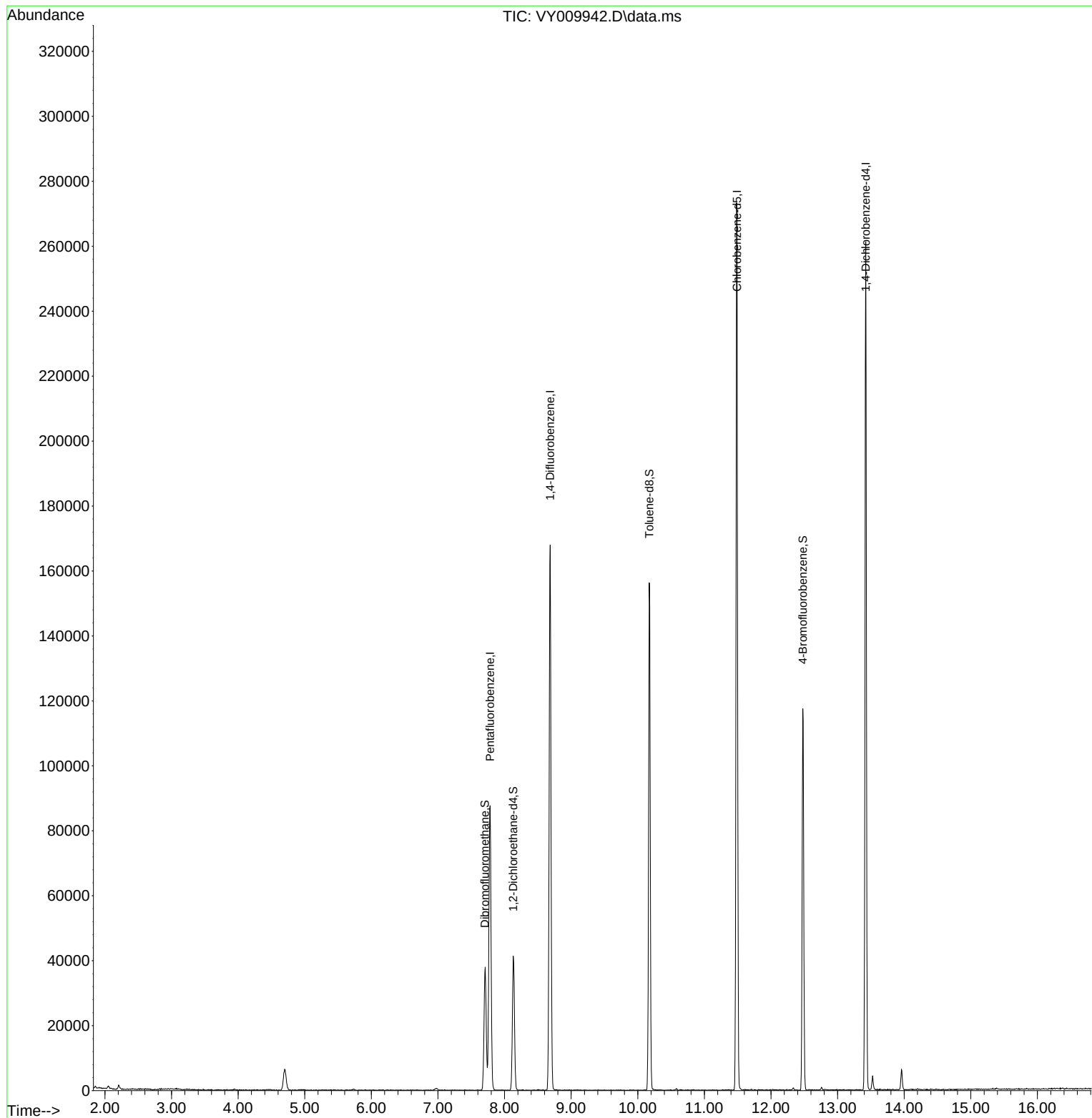
Target Compounds	Qvalue

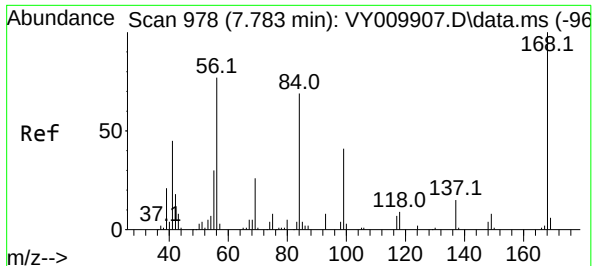
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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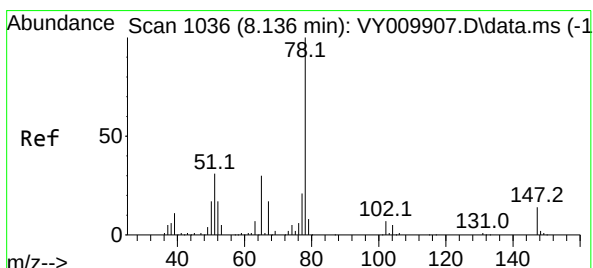
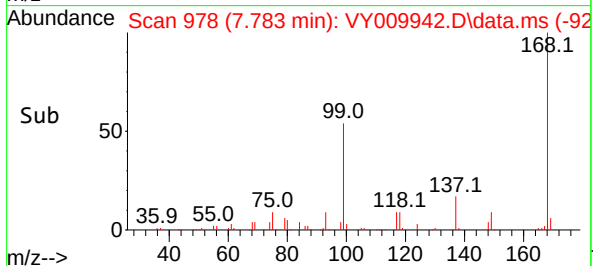
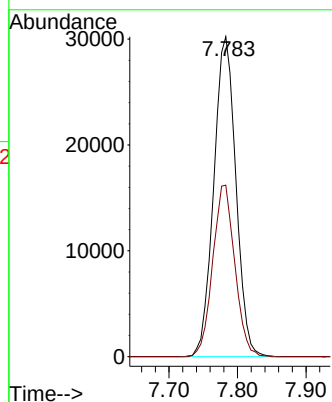
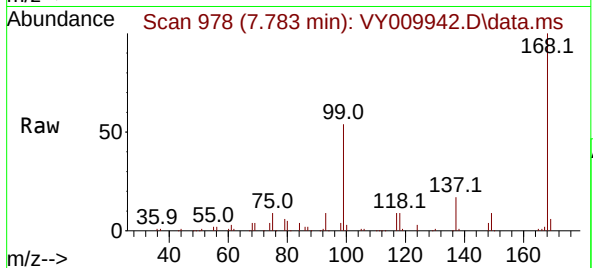




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

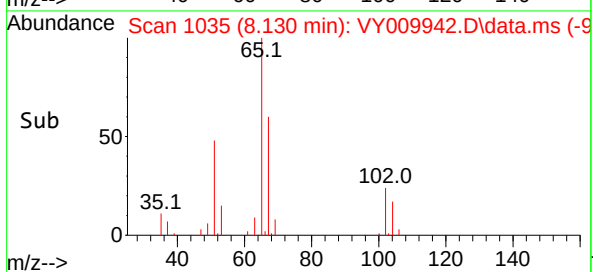
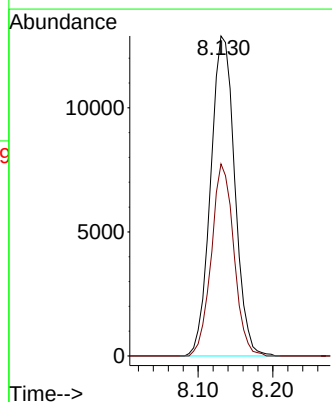
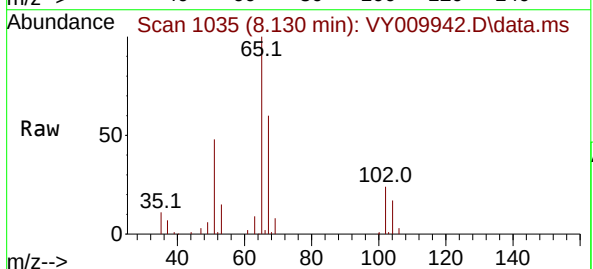
Instrument :
MSVOA_Y
ClientSampleId :
SB12

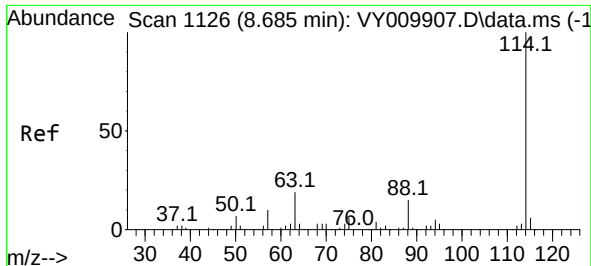
Tgt Ion:168 Resp: 67652
Ion Ratio Lower Upper
168 100
99 53.6 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 55.249 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

Tgt Ion: 65 Resp: 28941
Ion Ratio Lower Upper
65 100
67 55.9 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: VY009942.D

Acq: 10 Aug 2022 01:42

Instrument :

MSVOA_Y

ClientSampleId :

SB12

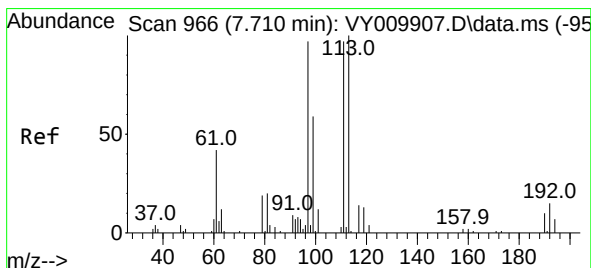
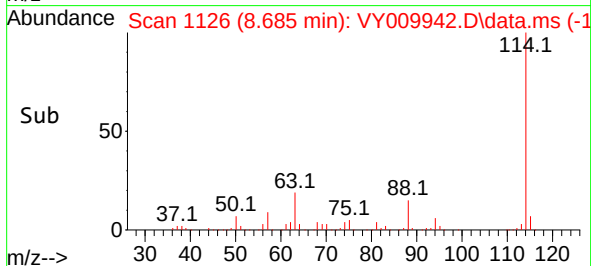
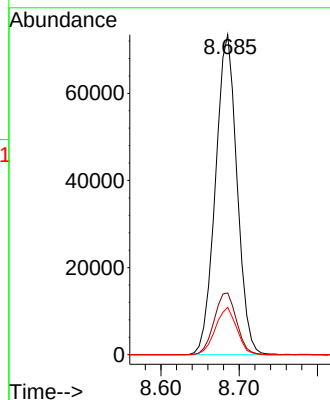
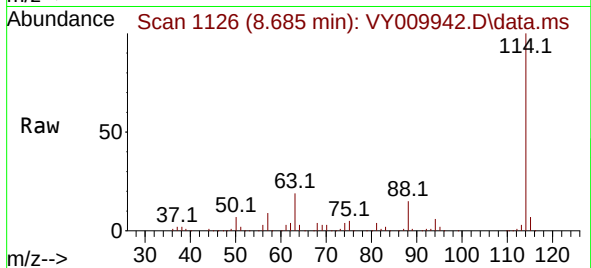
Tgt Ion:114 Resp: 140466

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

88 14.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 34.662 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.005 min

Lab File: VY009942.D

Acq: 10 Aug 2022 01:42

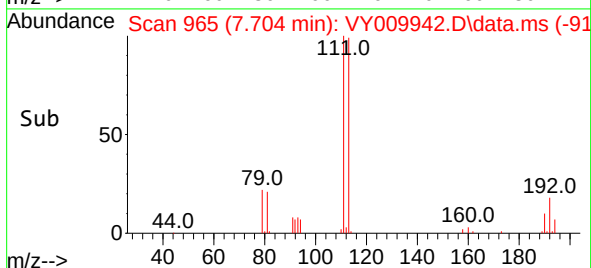
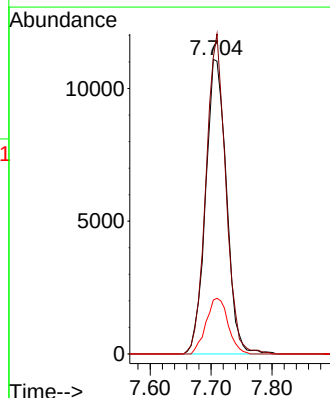
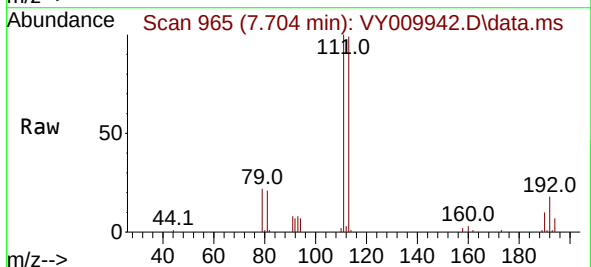
Tgt Ion:113 Resp: 26430

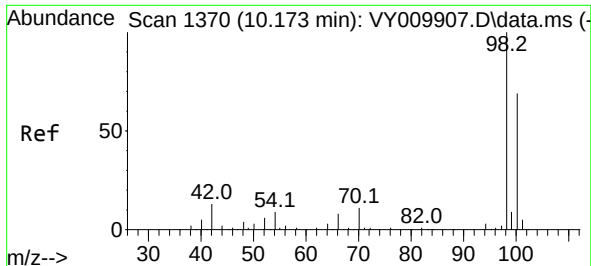
Ion Ratio Lower Upper

113 100

111 103.0 80.6 120.8

192 19.9 16.2 24.4

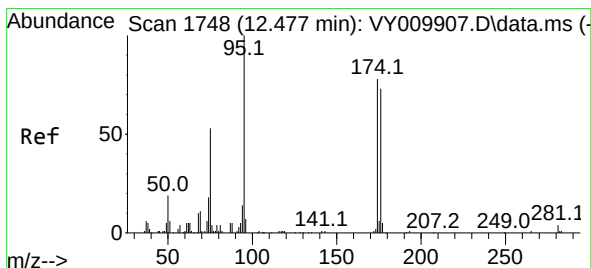
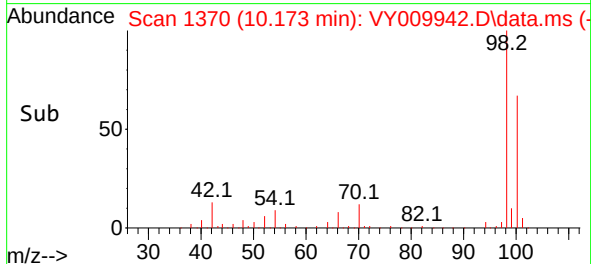
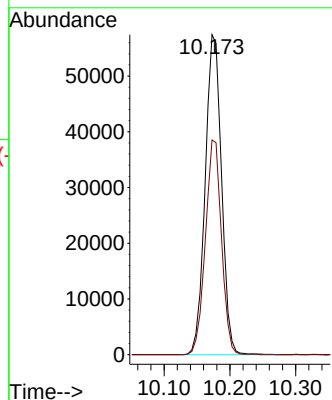
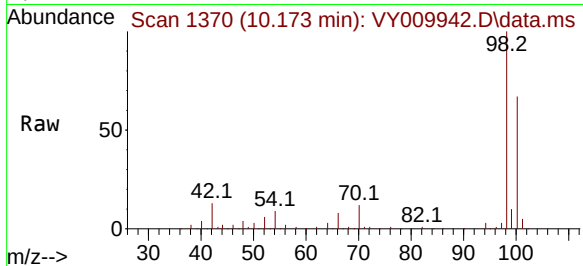




#50
Toluene-d8
Concen: 41.820 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

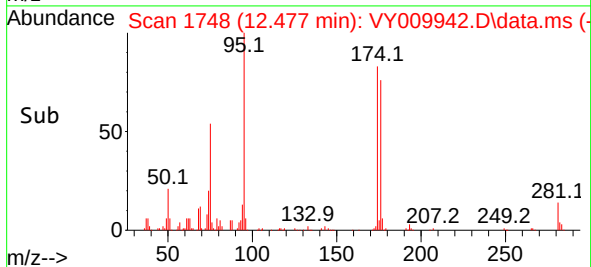
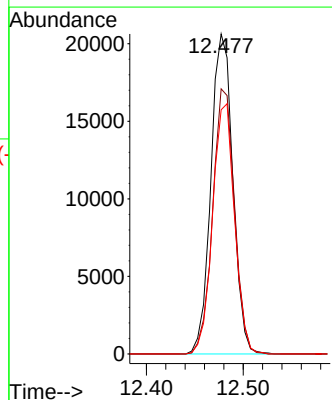
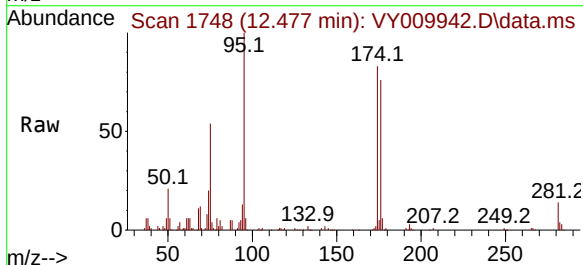
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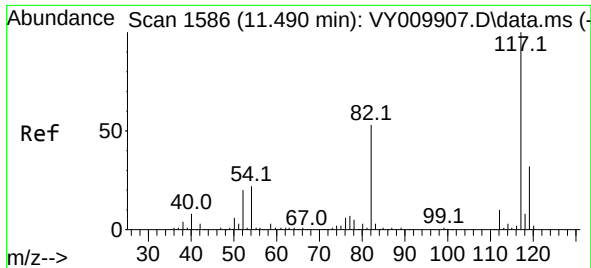
Tgt Ion: 98 Resp: 99135
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 30.465 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

Tgt Ion: 95 Resp: 32436
Ion Ratio Lower Upper
95 100
174 82.7 0.0 173.8
176 78.5 0.0 167.0

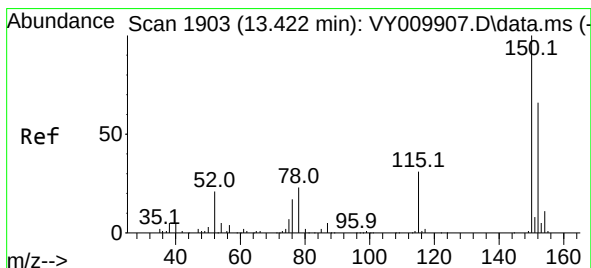
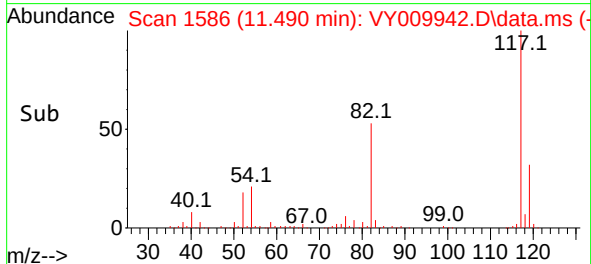
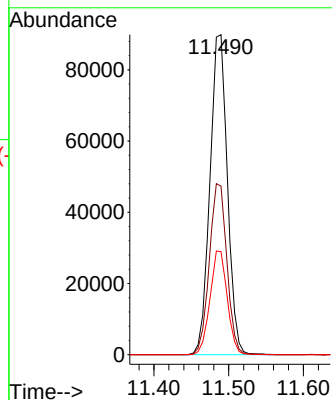
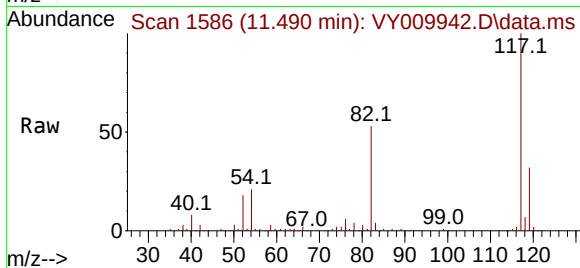




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

Instrument :
MSVOA_Y
ClientSampleId :
SB12

Tgt Ion:117 Resp: 146057
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.6
119 32.2 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: VY009942.D
Acq: 10 Aug 2022 01:42

Tgt Ion:152 Resp: 62679
Ion Ratio Lower Upper
152 100
115 58.3 28.6 85.9
150 156.0 0.0 349.8

