

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013267.D
 Acq On : 12 Apr 2023 15:15
 Operator : KP/MD
 Sample : VY0412SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBL01

Quant Time: Apr 13 06:14:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	225877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149950	55.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.480%
35) Dibromofluoromethane	7.716	113	123093	50.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.179	98	440161	48.562	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.477	95	137587	46.719	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.440%

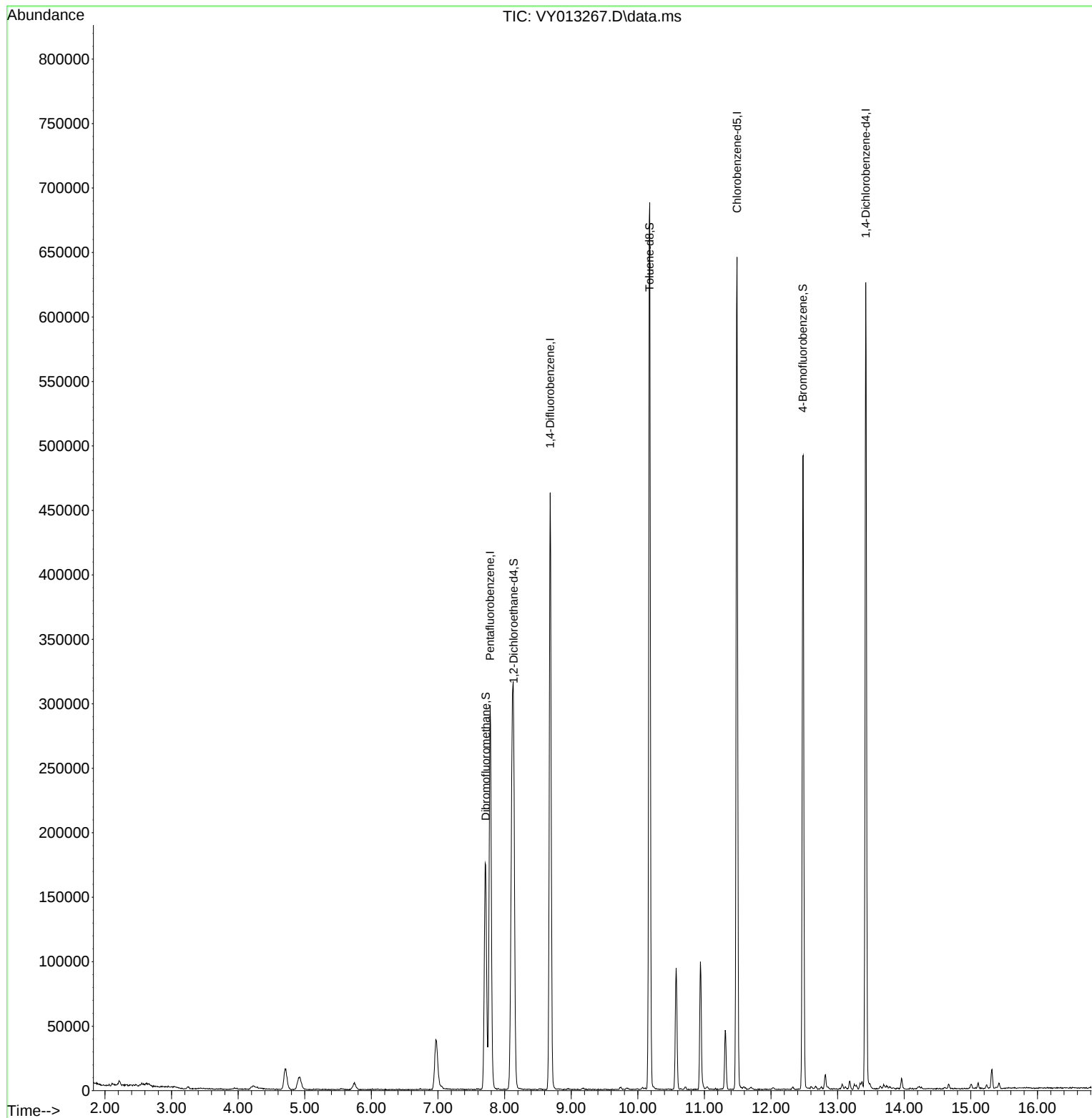
Target Compounds	Qvalue

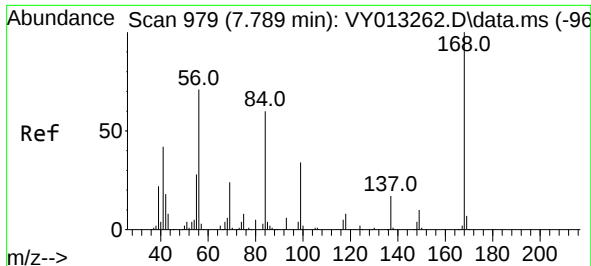
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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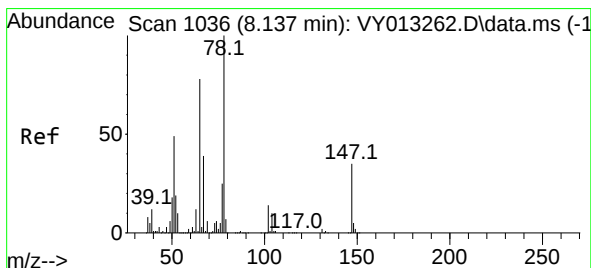
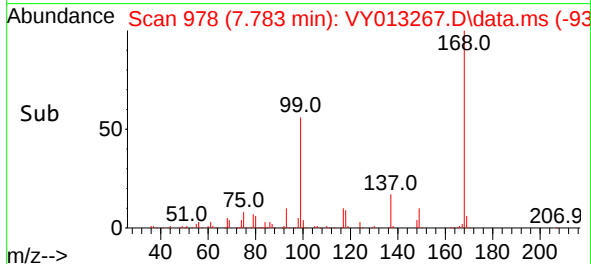
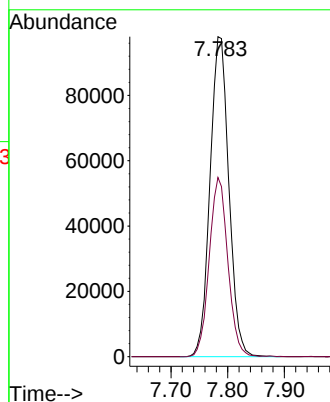
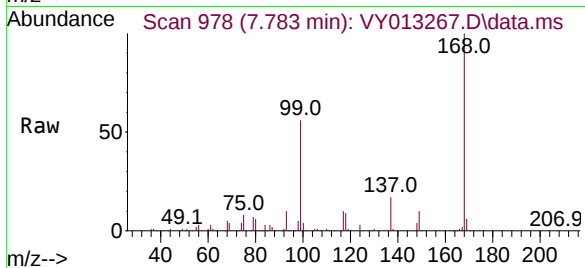




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

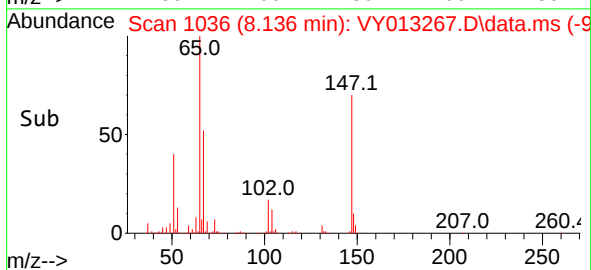
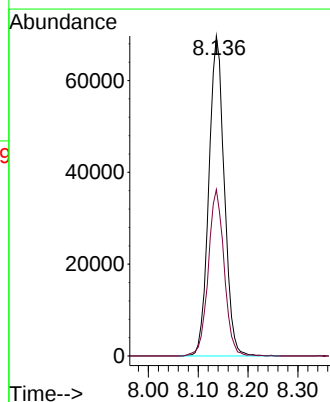
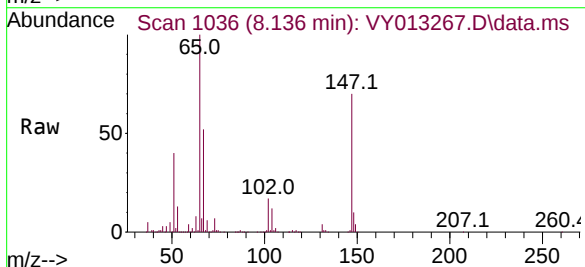
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

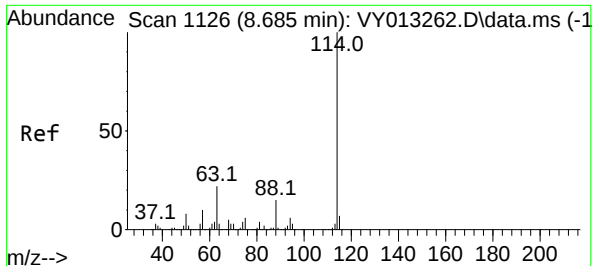
Tgt Ion:168 Resp: 225877
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 55.240 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion: 65 Resp: 149950
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.0

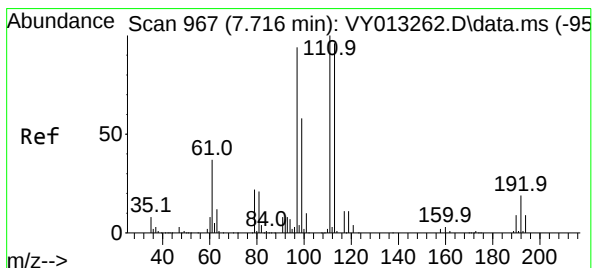
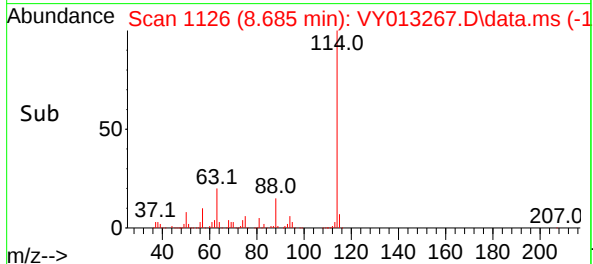
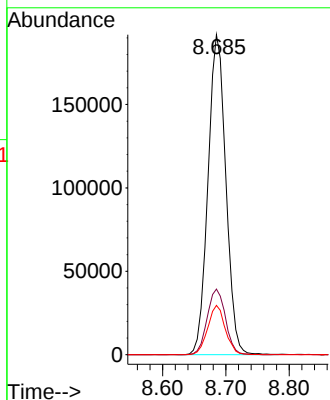
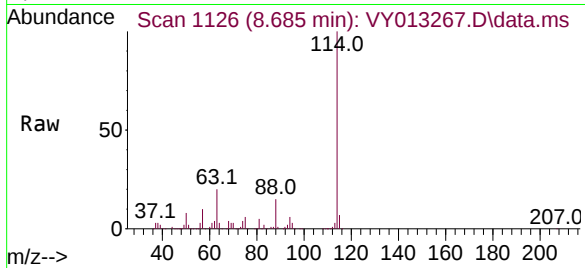




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

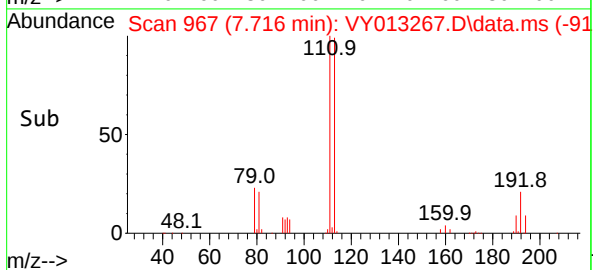
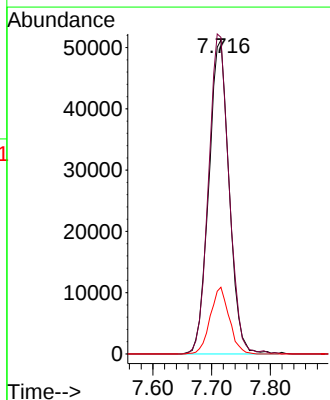
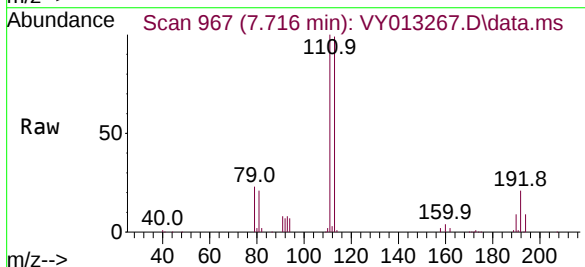
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

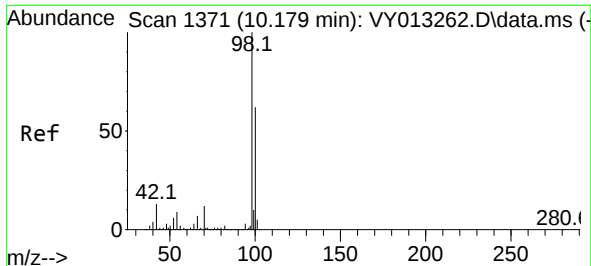
Tgt Ion:114 Resp: 376143
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 15.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion:113 Resp: 123093
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.8 16.8 25.2

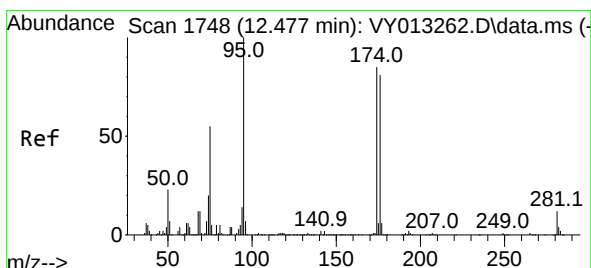
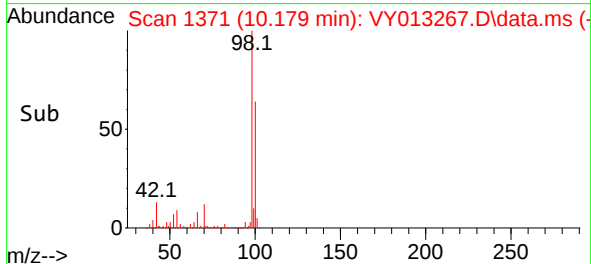
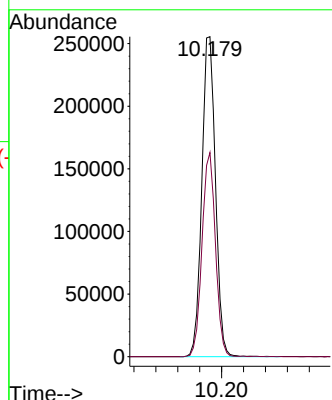
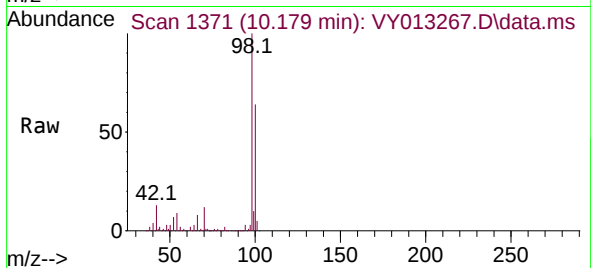




#50
Toluene-d8
Concen: 48.562 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

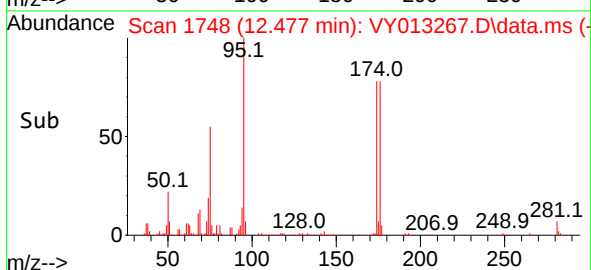
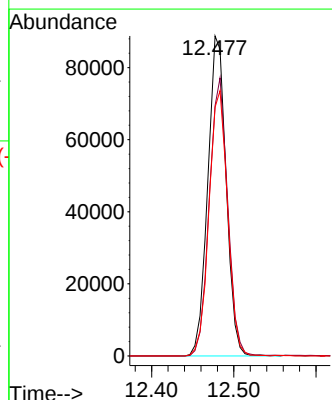
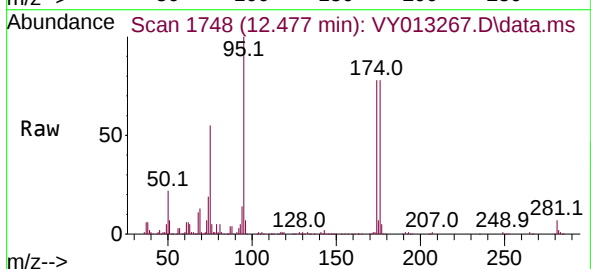
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

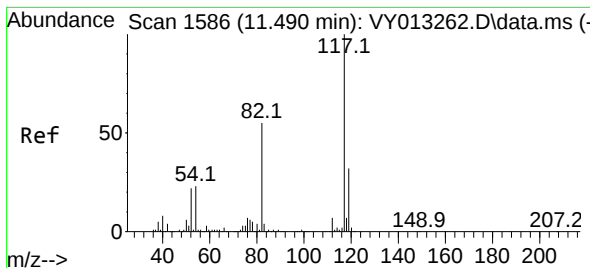
Tgt Ion: 98 Resp: 440161
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.719 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion: 95 Resp: 137587
Ion Ratio Lower Upper
95 100
174 87.1 0.0 176.6
176 84.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013267.D

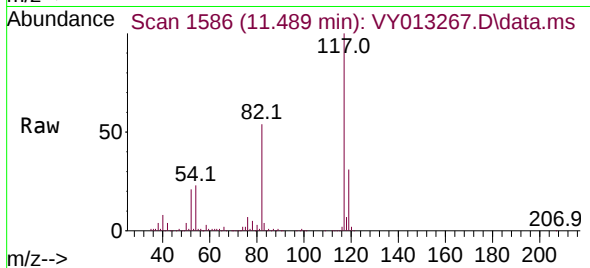
Acq: 12 Apr 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBL01



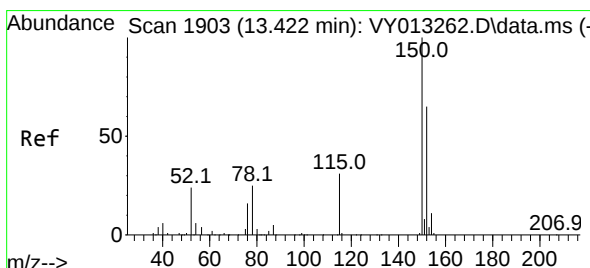
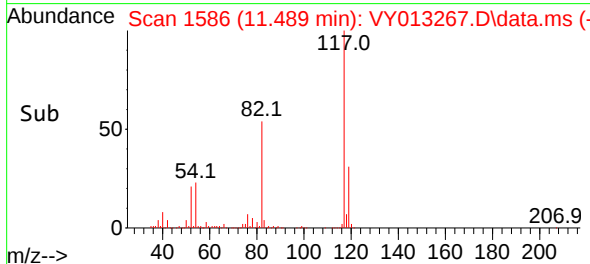
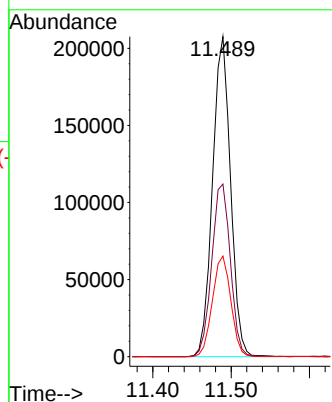
Tgt Ion:117 Resp: 331263

Ion Ratio Lower Upper

117 100

82 53.9 45.4 68.0

119 31.5 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: VY013267.D

Acq: 12 Apr 2023 15:15

Tgt Ion:152 Resp: 155985

Ion Ratio Lower Upper

152 100

115 57.2 27.1 81.3

150 156.4 0.0 347.8

