

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013311.D
 Acq On : 14 Apr 2023 11:28
 Operator : KP/MD
 Sample : VY0414SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBL01

Quant Time: Apr 17 02:07:22 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	245970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	405004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160729	54.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.740%
35) Dibromofluoromethane	7.710	113	141839	54.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.179	98	496779	50.903	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.477	95	154106	48.599	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.200%

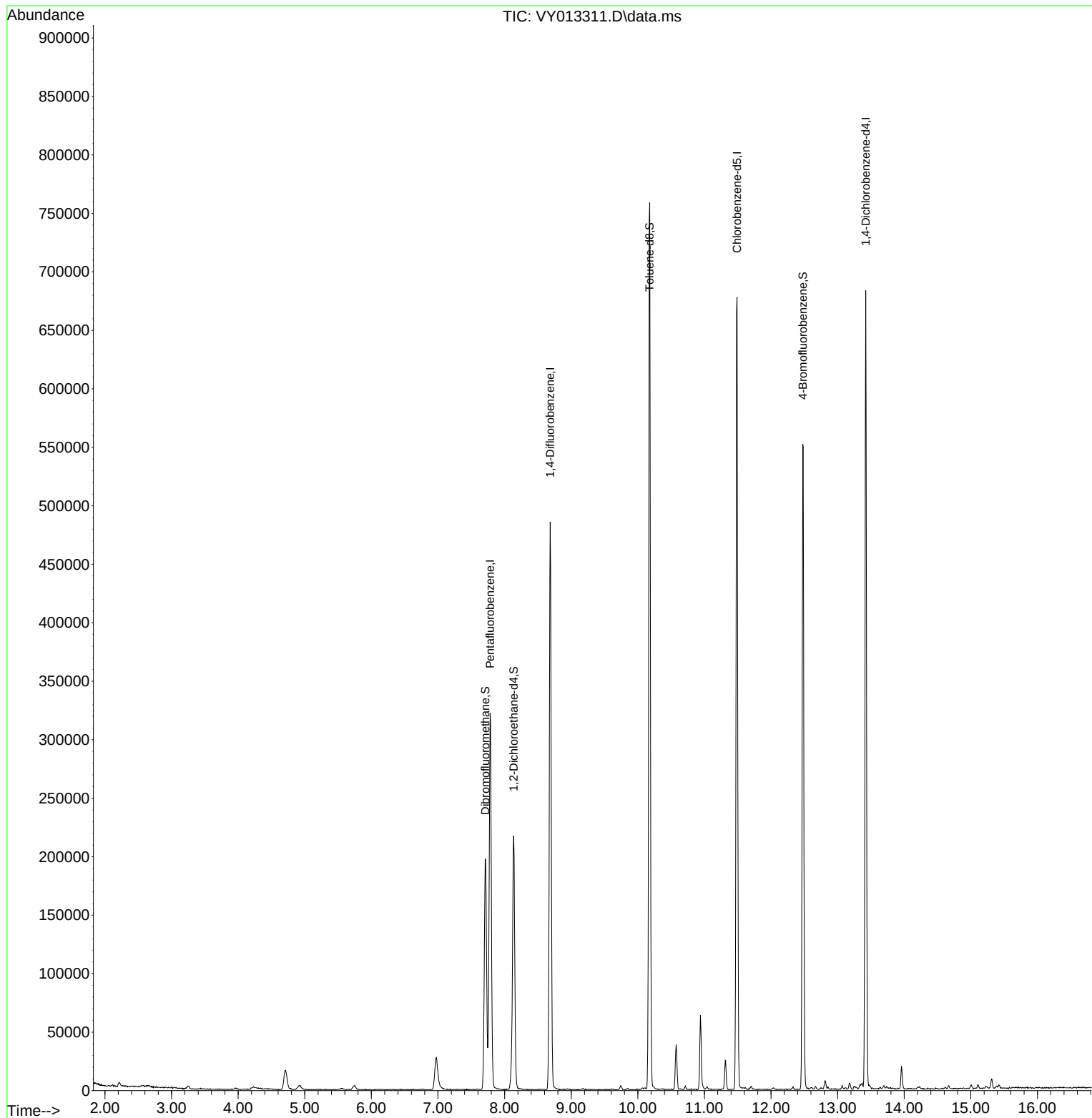
Target Compounds	Qvalue

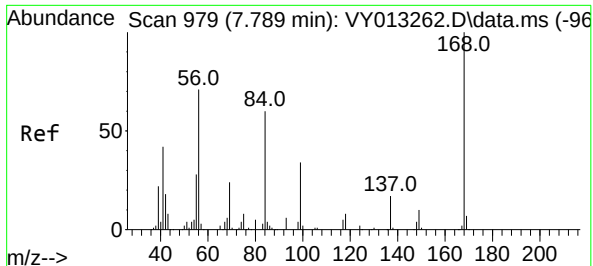
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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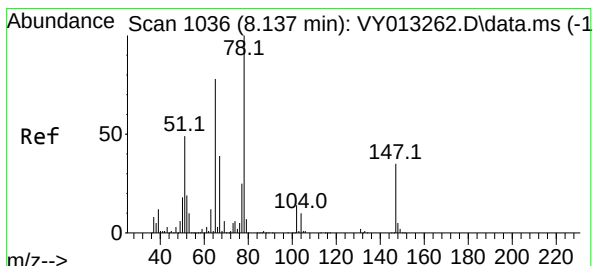
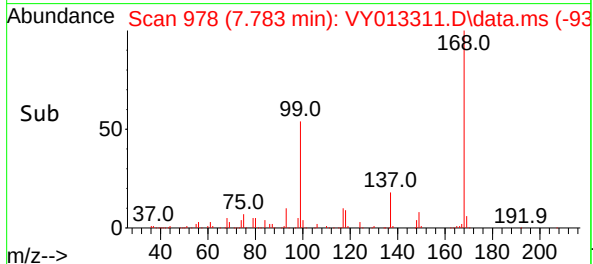
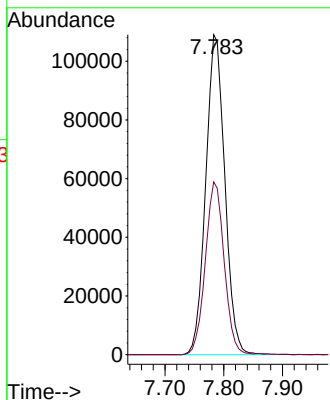
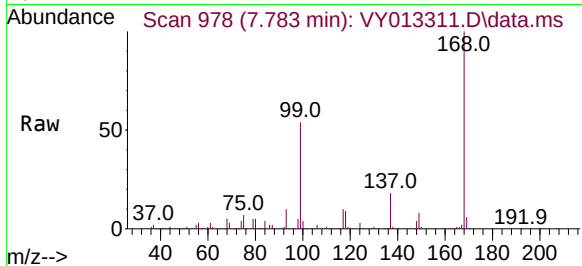




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013311.D
Acq: 14 Apr 2023 11:28

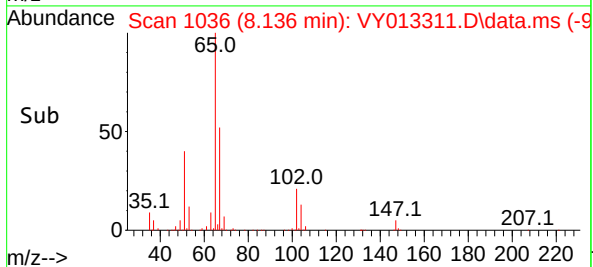
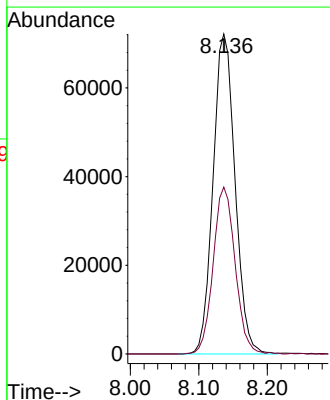
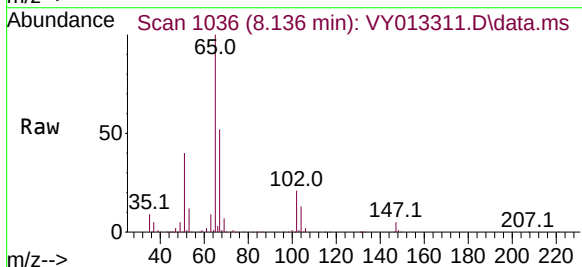
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

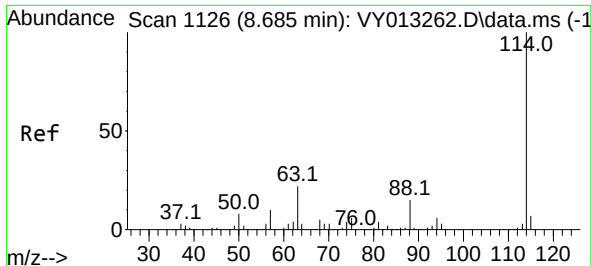
Tgt Ion:168 Resp: 245970
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 54.374 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013311.D
Acq: 14 Apr 2023 11:28

Tgt Ion: 65 Resp: 160729
Ion Ratio Lower Upper
65 100
67 52.2 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: VY013311.D

Acq: 14 Apr 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBL01

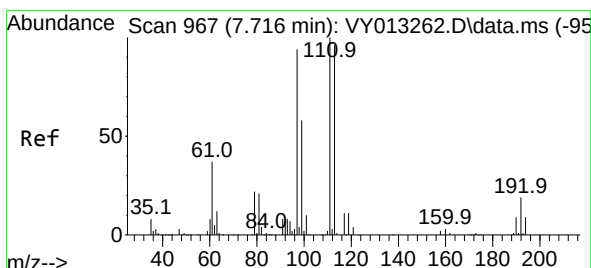
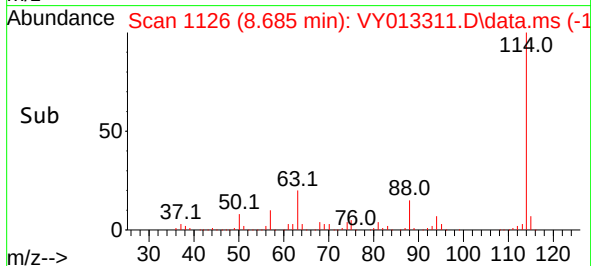
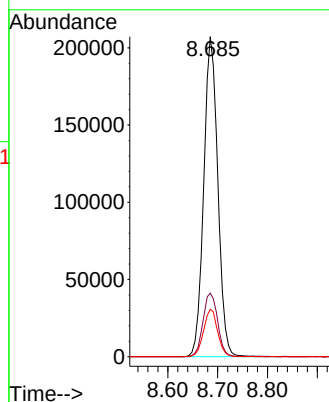
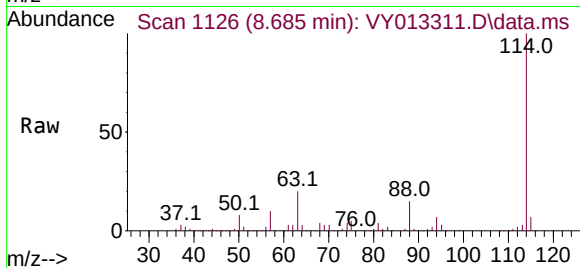
Tgt Ion:114 Resp: 405004

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.096 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013311.D

Acq: 14 Apr 2023 11:28

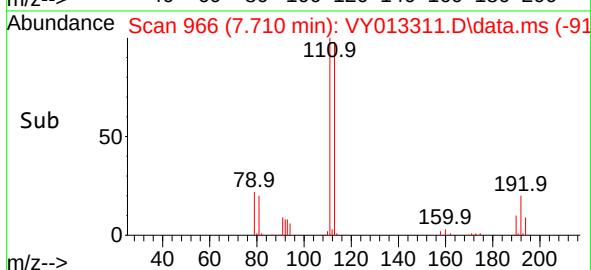
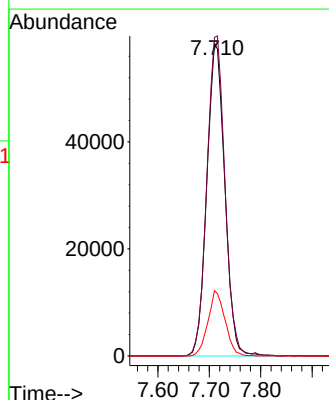
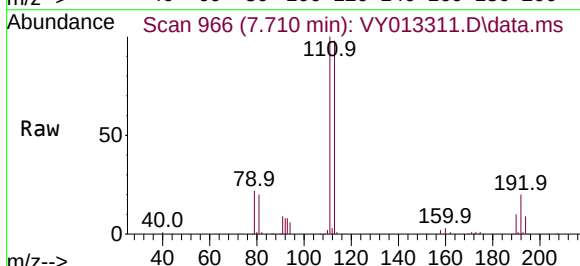
Tgt Ion:113 Resp: 141839

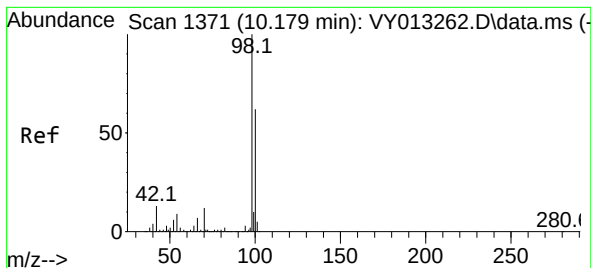
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 19.8 16.8 25.2

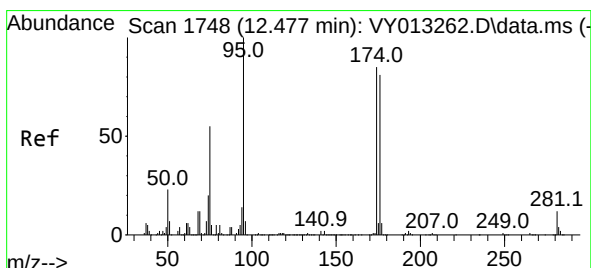
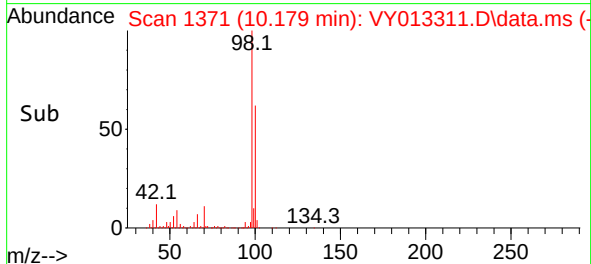
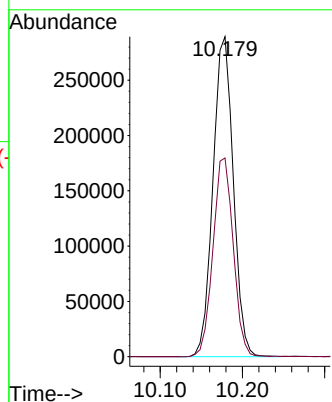
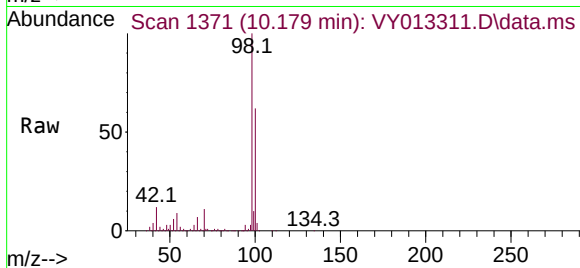




#50
Toluene-d8
Concen: 50.903 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013311.D
Acq: 14 Apr 2023 11:28

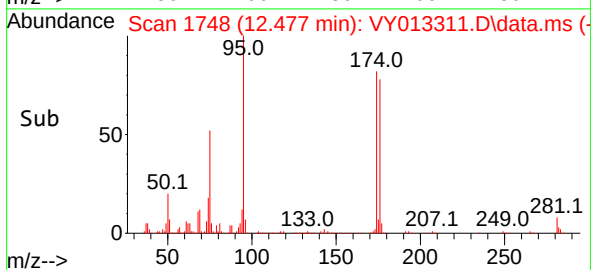
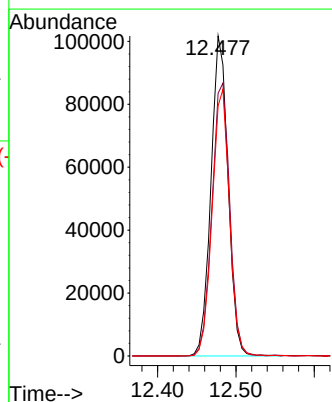
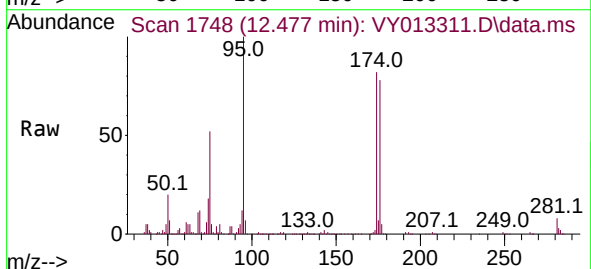
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

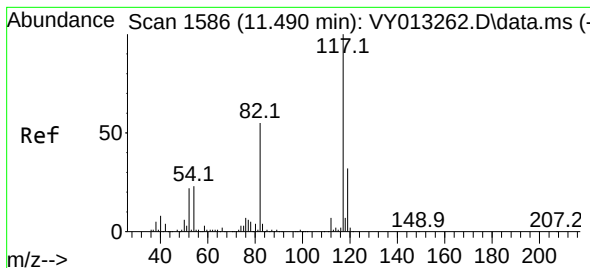
Tgt Ion: 98 Resp: 496779
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.599 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013311.D
Acq: 14 Apr 2023 11:28

Tgt Ion: 95 Resp: 154106
Ion Ratio Lower Upper
95 100
174 89.1 0.0 176.6
176 84.3 0.0 170.2

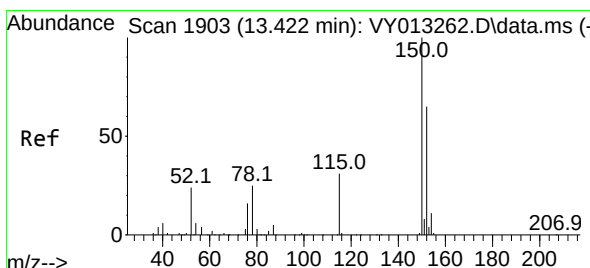
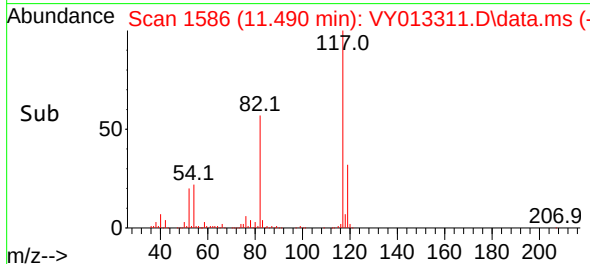
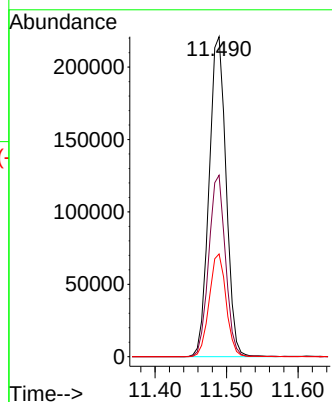
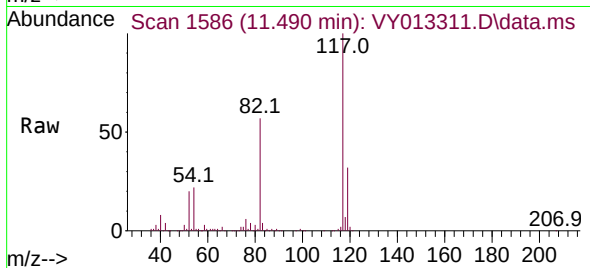




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013311.D
Acq: 14 Apr 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

Tgt Ion:117 Resp: 365306
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 32.1 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: VY013311.D
Acq: 14 Apr 2023 11:28

Tgt Ion:152 Resp: 169130
Ion Ratio Lower Upper
152 100
115 56.5 27.1 81.3
150 159.0 0.0 347.8

