

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013438.D
 Acq On : 25 Apr 2023 11:46
 Operator : KP/MD
 Sample : VY0425SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBL01

Quant Time: Apr 25 15:11:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	224037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155127	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136667	55.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.300%
35) Dibromofluoromethane	7.716	113	120467	51.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.800%
50) Toluene-d8	10.179	98	399013	48.322	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.477	95	130925	47.032	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.060%

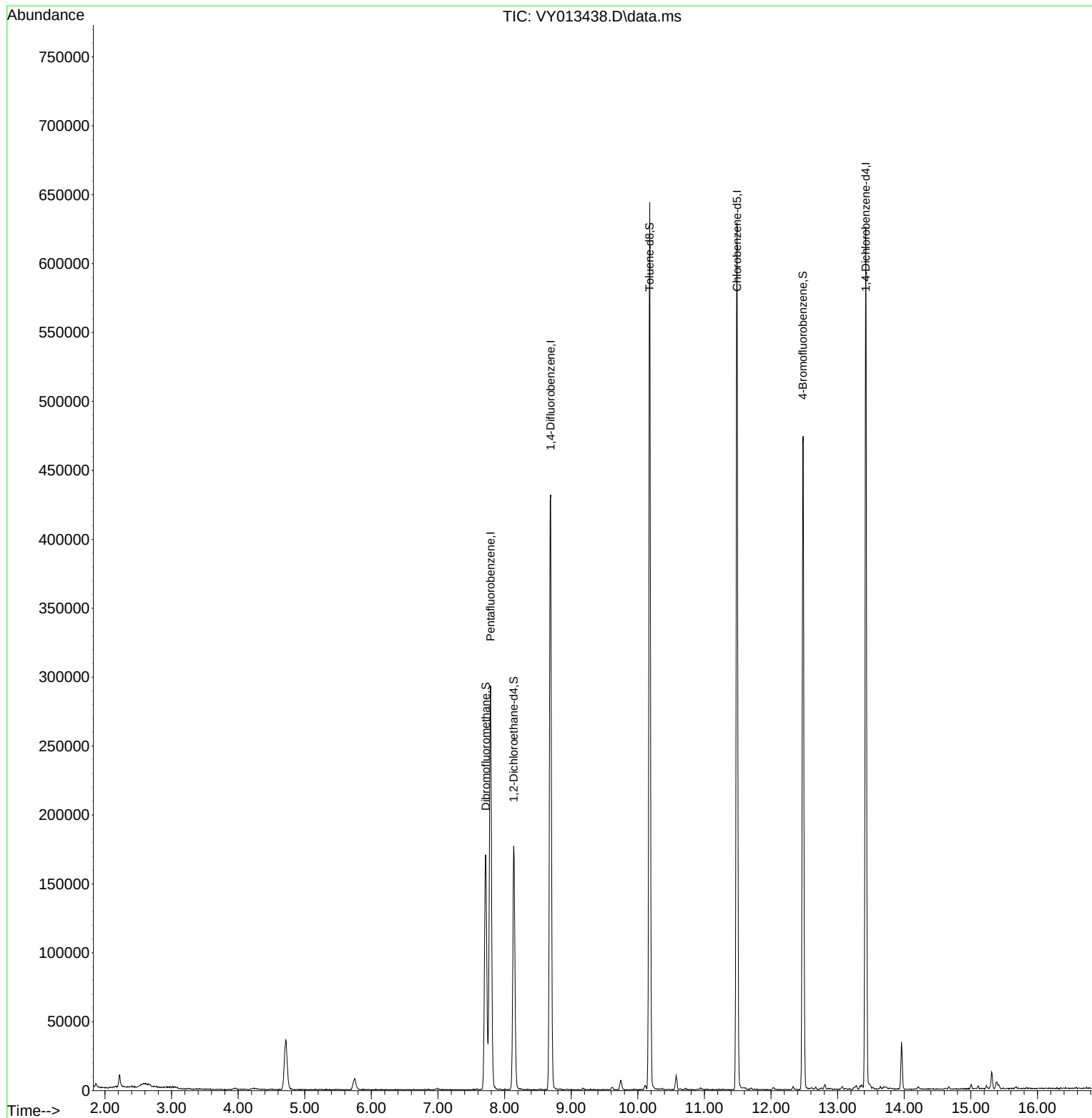
Target Compounds	Qvalue

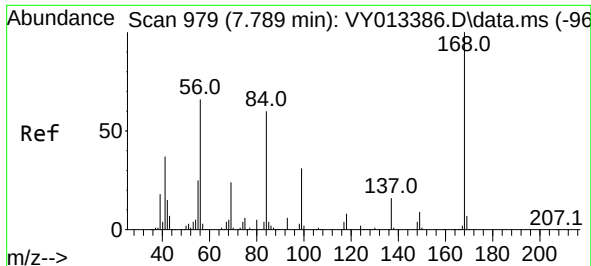
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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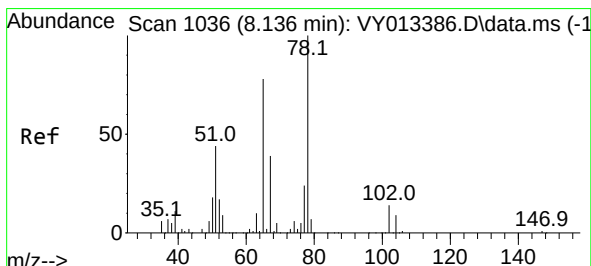
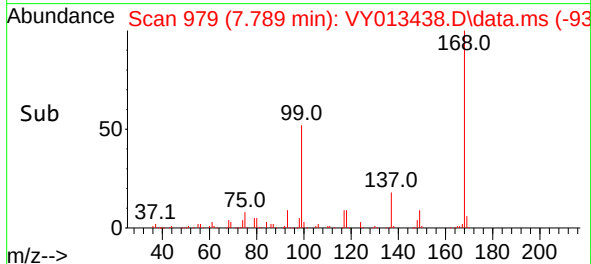
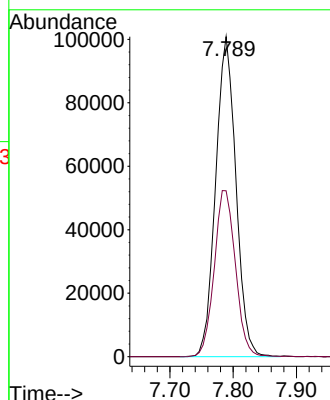
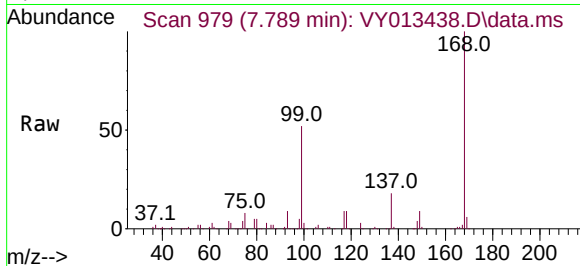




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013438.D
Acq: 25 Apr 2023 11:46

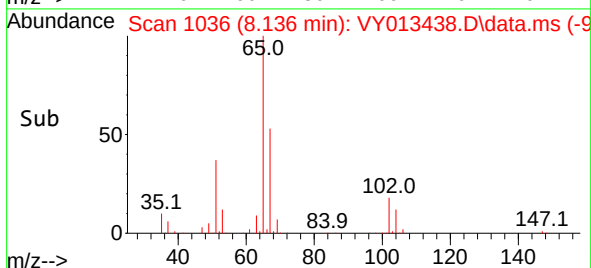
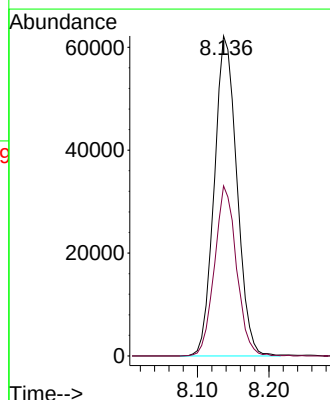
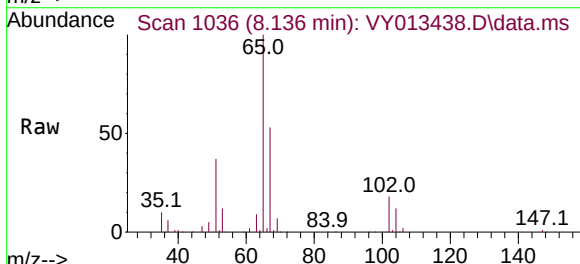
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01

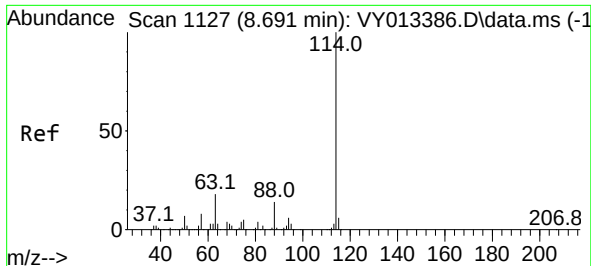
Tgt Ion:168 Resp: 224037
Ion Ratio Lower Upper
168 100
99 51.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 55.648 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013438.D
Acq: 25 Apr 2023 11:46

Tgt Ion: 65 Resp: 136667
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013438.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBL01

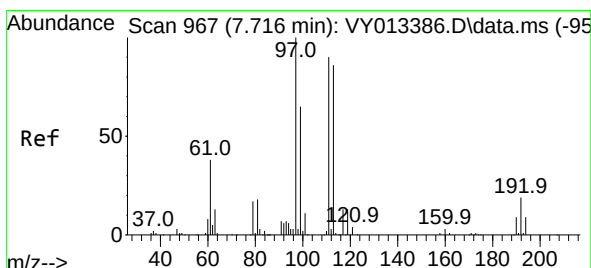
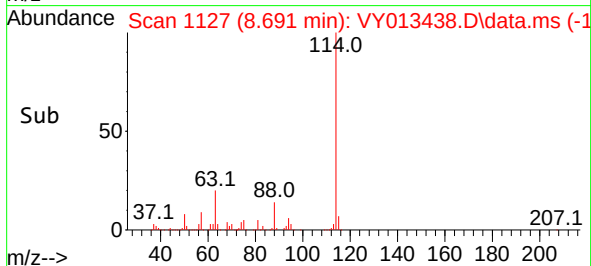
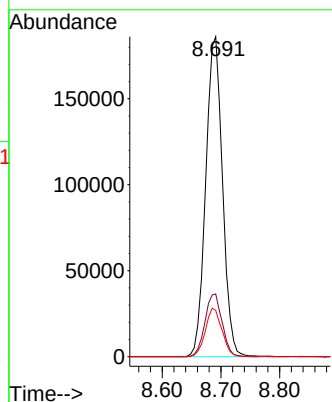
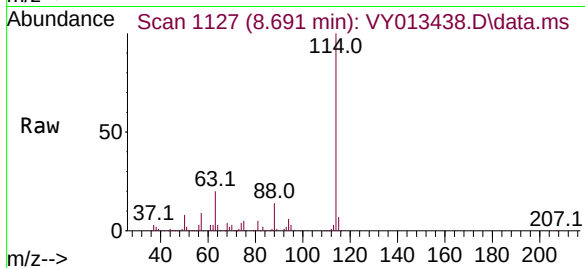
Tgt Ion:114 Resp: 369054

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.6

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 51.899 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013438.D

Acq: 25 Apr 2023 11:46

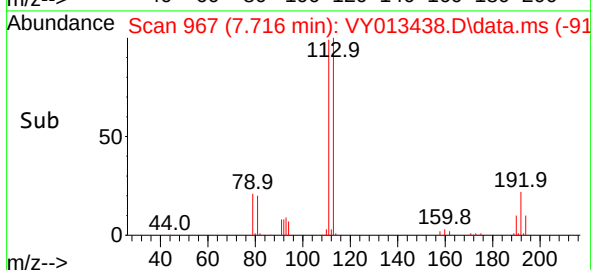
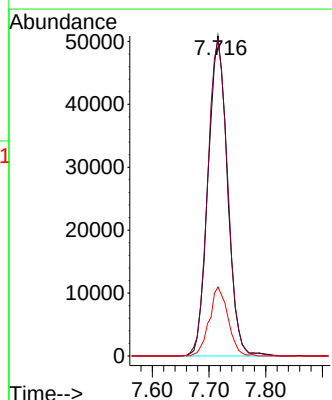
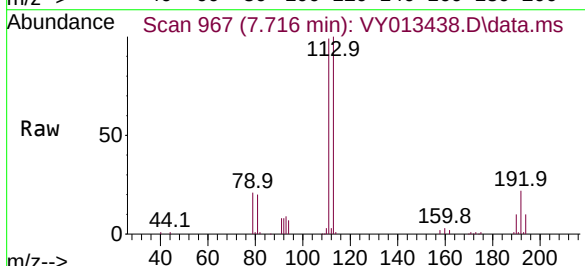
Tgt Ion:113 Resp: 120467

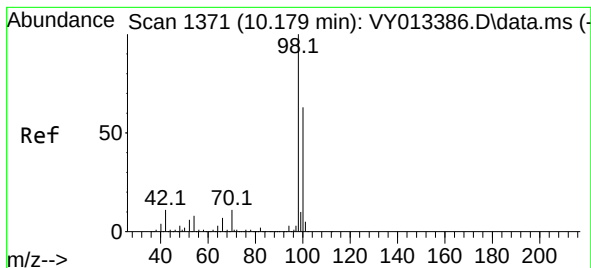
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.2

192 20.9 16.7 25.1

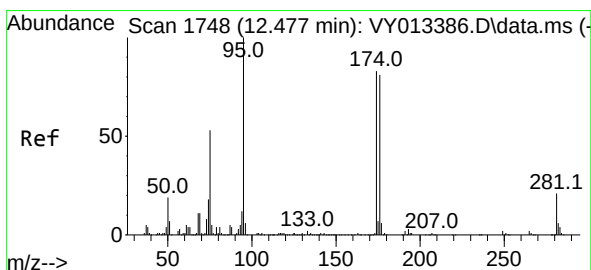
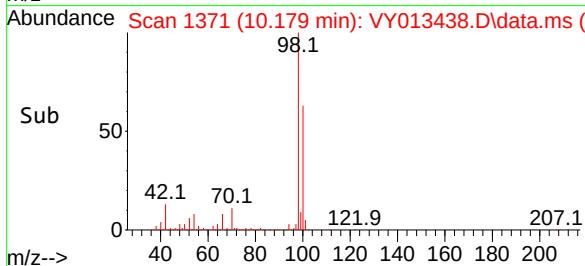
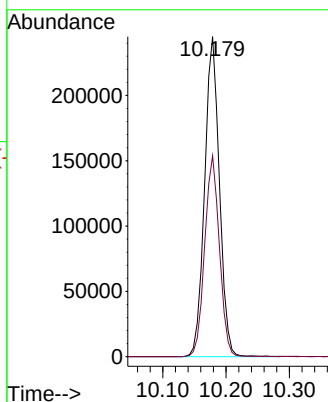
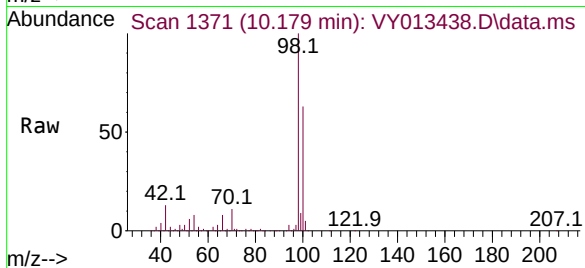




#50
Toluene-d8
Concen: 48.322 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013438.D
Acq: 25 Apr 2023 11:46

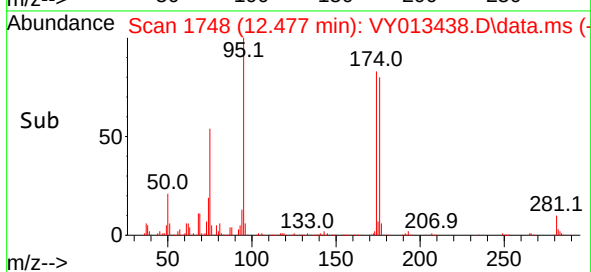
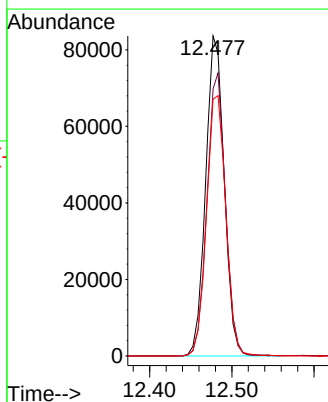
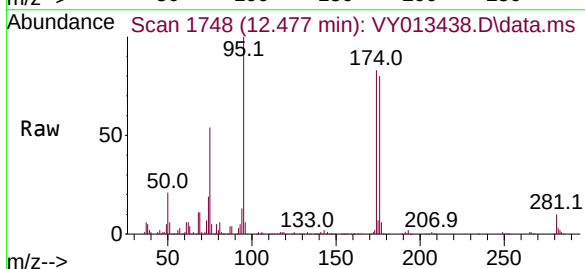
Instrument :
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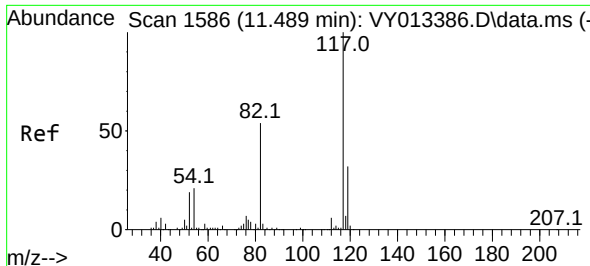
Tgt Ion: 98 Resp: 399013
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.032 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013438.D
Acq: 25 Apr 2023 11:46

Tgt Ion: 95 Resp: 130925
Ion Ratio Lower Upper
95 100
174 88.2 0.0 182.0
176 84.5 0.0 175.4

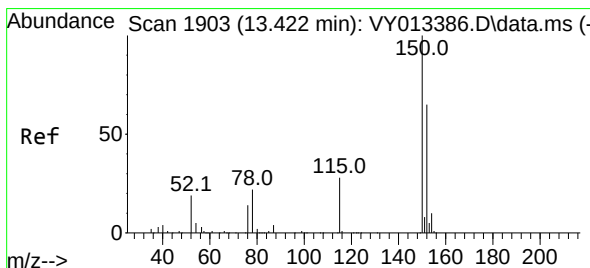
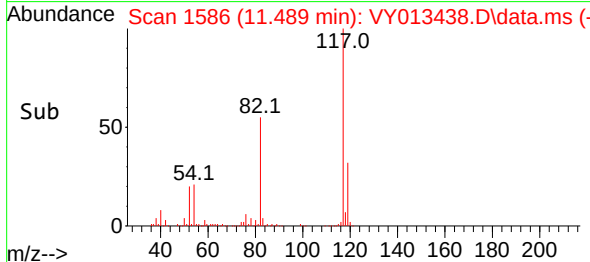
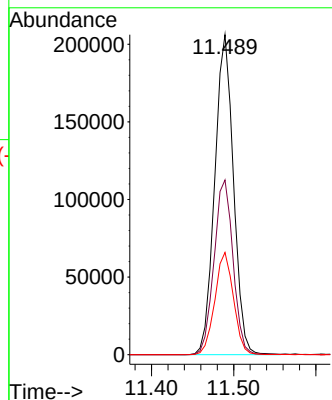
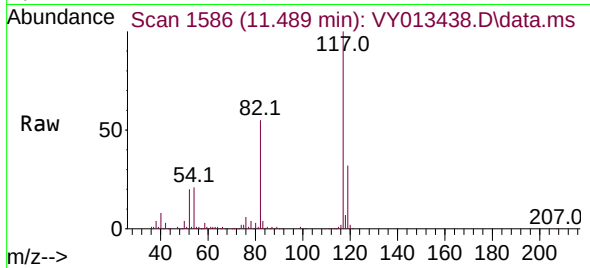




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013438.D
Acq: 25 Apr 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01

Tgt Ion:117 Resp: 326624
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.6
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013438.D
Acq: 25 Apr 2023 11:46

Tgt Ion:152 Resp: 155127
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.2
150 157.3 0.0 352.0

