

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013640.D
 Acq On : 08 May 2023 11:08
 Operator : KP/MD
 Sample : VY0508SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBL01

Quant Time: May 08 14:43:17 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	232594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	359323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	141839	55.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.260%
35) Dibromofluoromethane	7.716	113	123366	54.587	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.180%
50) Toluene-d8	10.179	98	392767	48.854	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.483	95	136700	50.436	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.880%

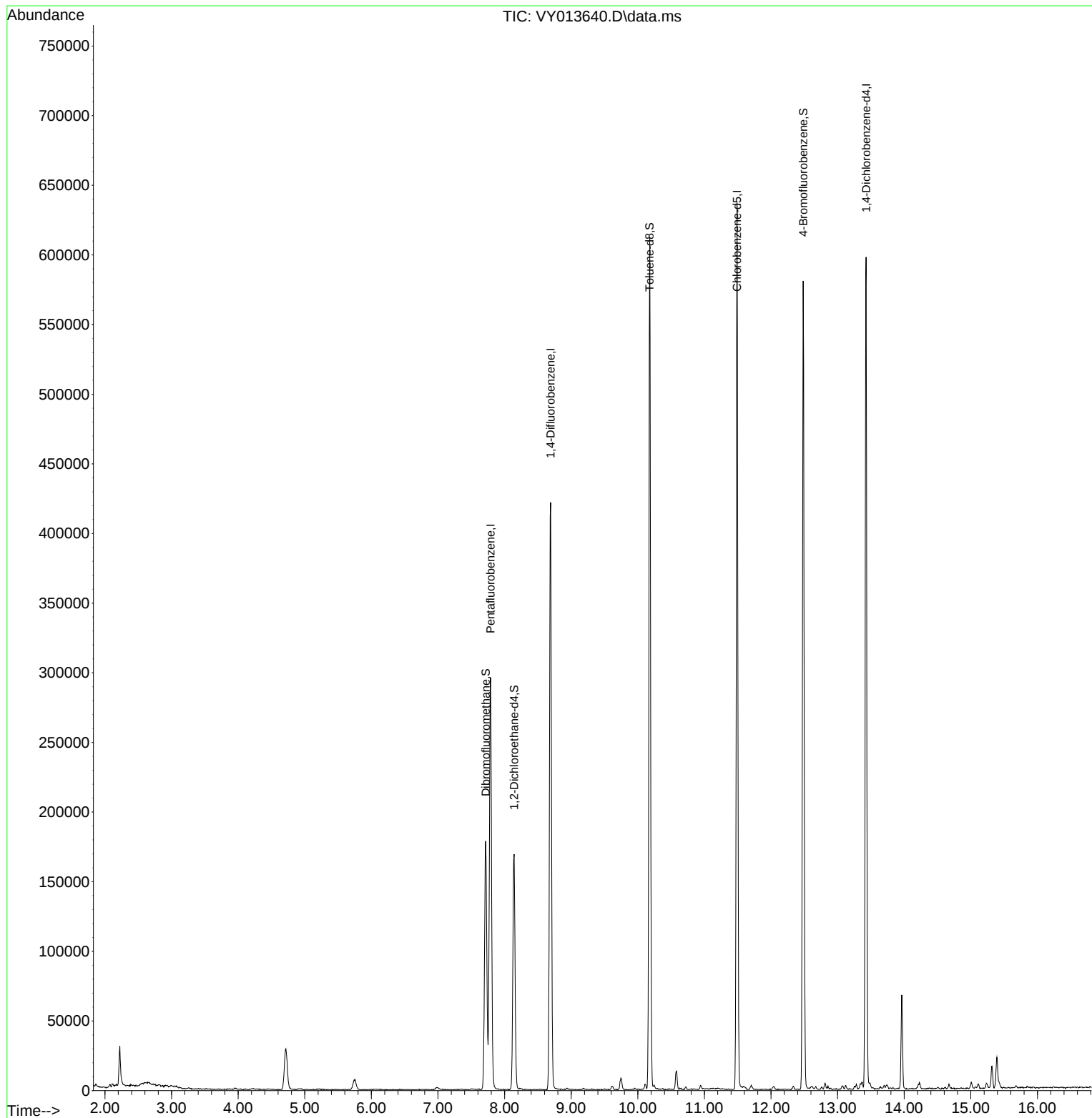
Target Compounds	Qvalue

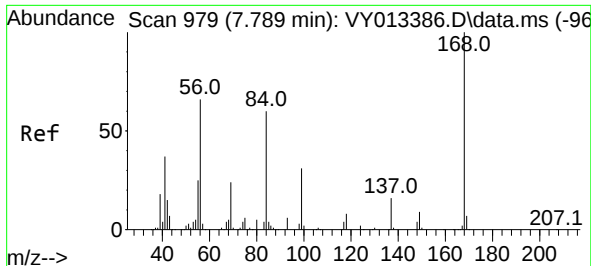
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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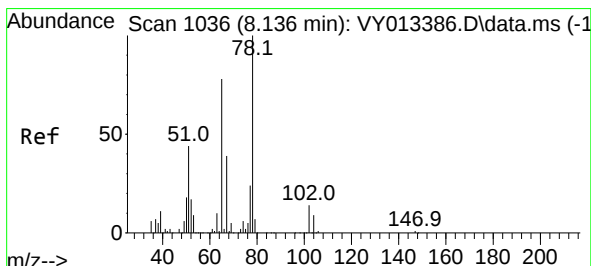
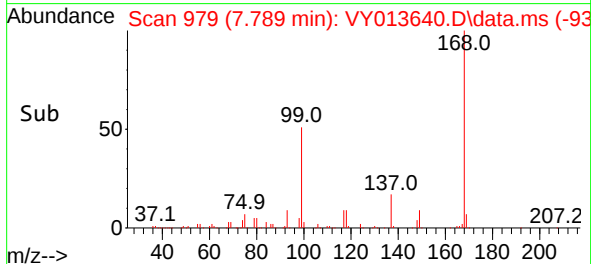
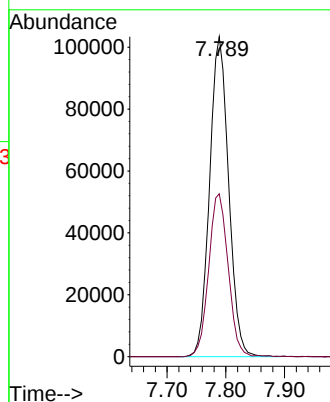
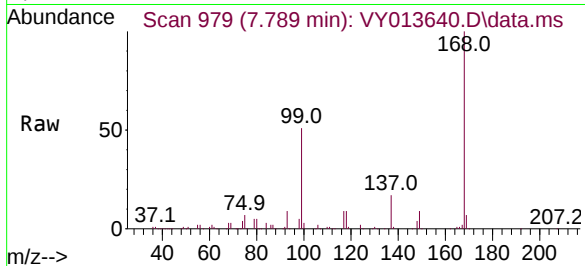




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

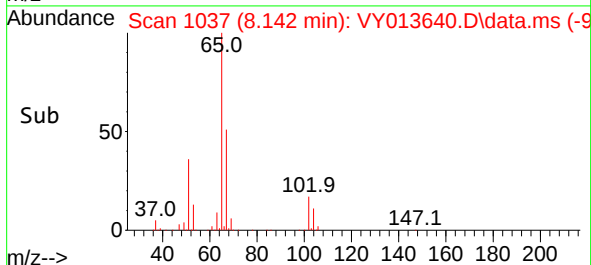
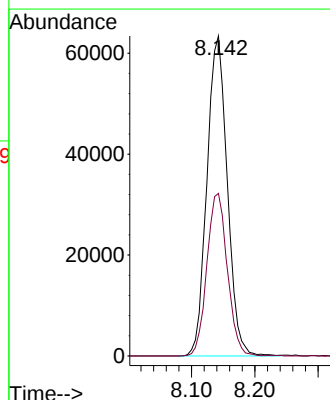
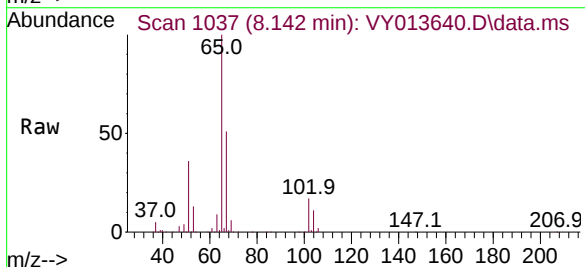
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

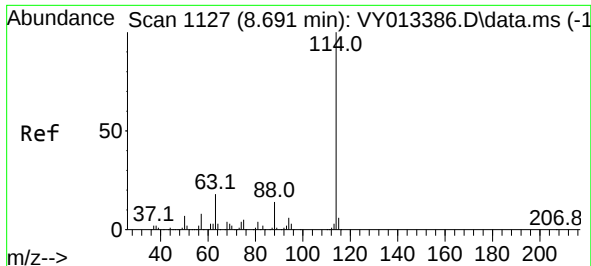
Tgt Ion:168 Resp: 232594
Ion Ratio Lower Upper
168 100
99 50.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 55.629 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Tgt Ion: 65 Resp: 141839
Ion Ratio Lower Upper
65 100
67 51.0 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: VY013640.D

Acq: 08 May 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBL01

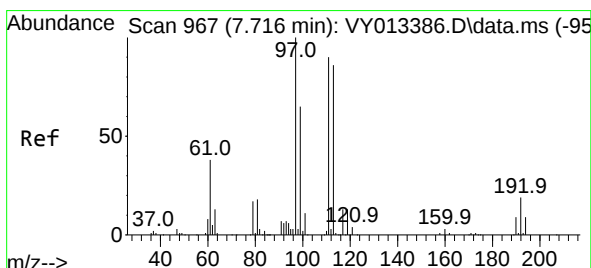
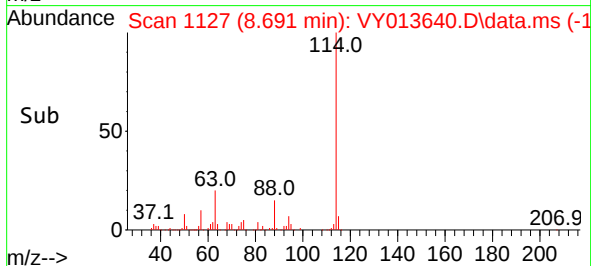
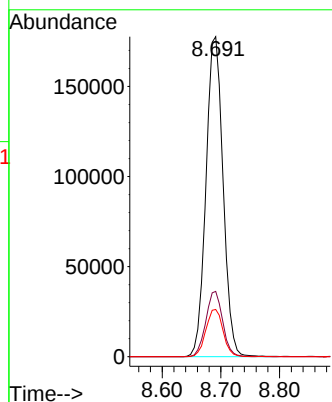
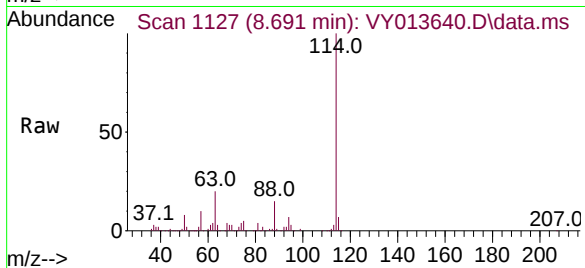
Tgt Ion:114 Resp: 359323

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.587 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013640.D

Acq: 08 May 2023 11:08

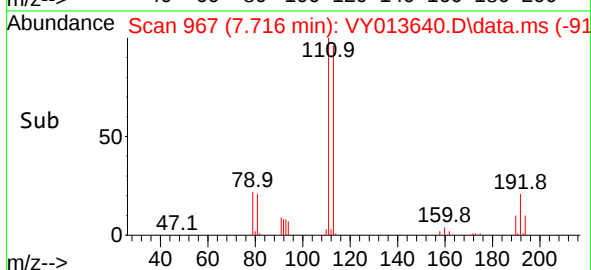
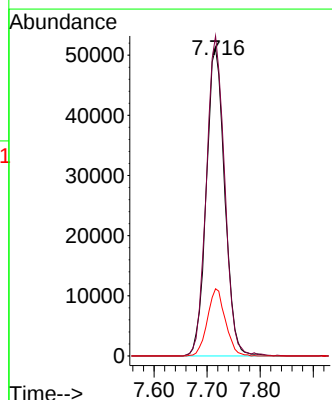
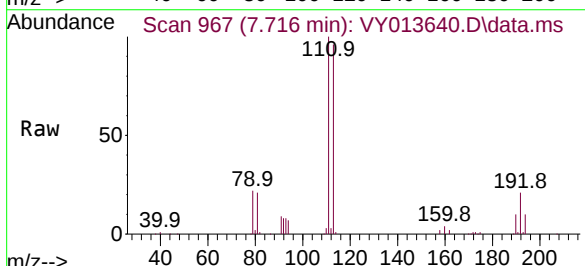
Tgt Ion:113 Resp: 123366

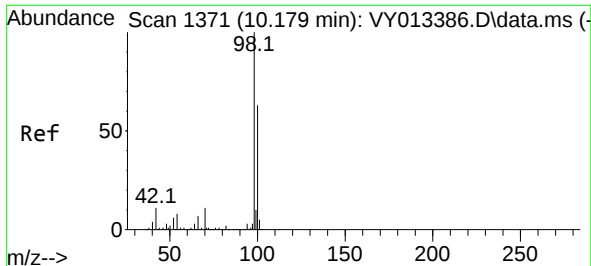
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 21.3 16.7 25.1

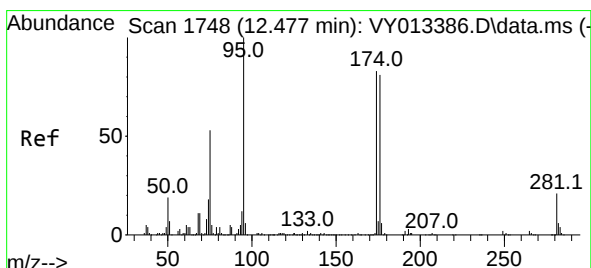
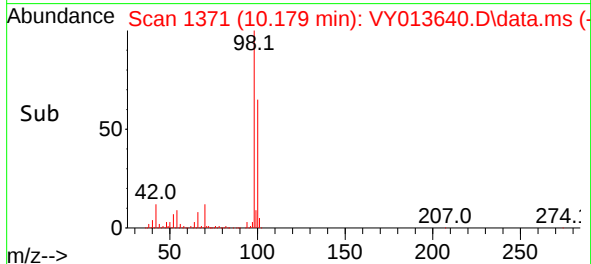
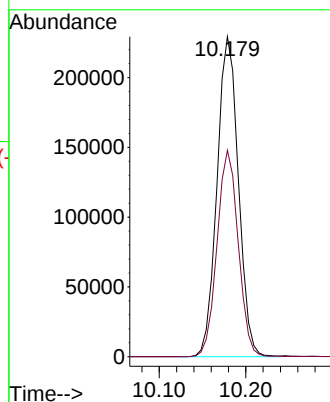
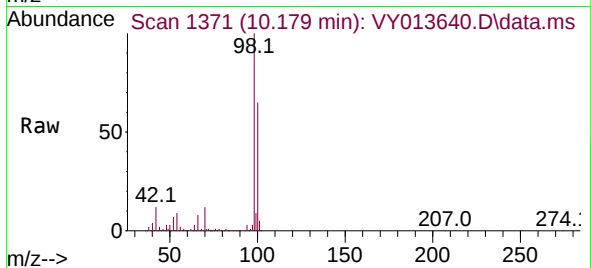




#50
Toluene-d8
Concen: 48.854 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

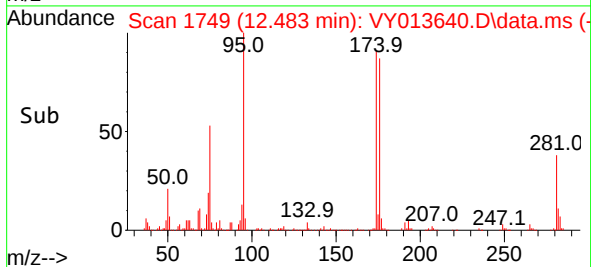
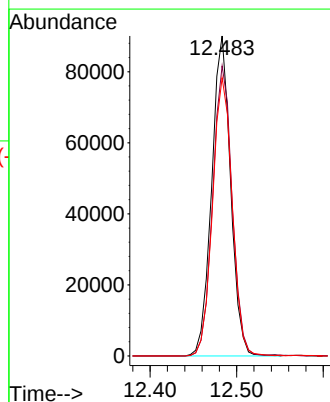
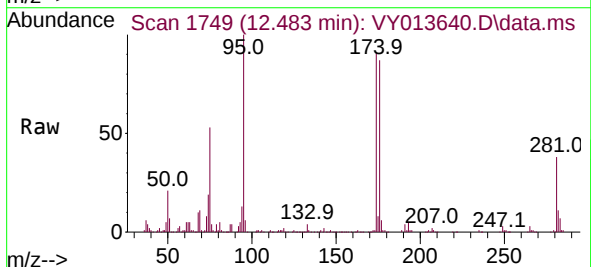
Instrument :
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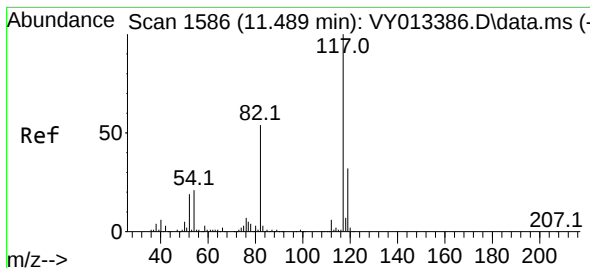
Tgt Ion: 98 Resp: 392767
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 50.436 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Tgt Ion: 95 Resp: 136700
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.0
176 90.3 0.0 175.4

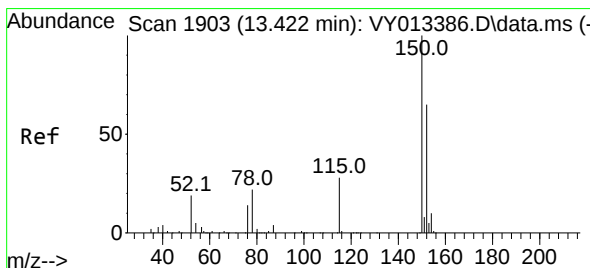
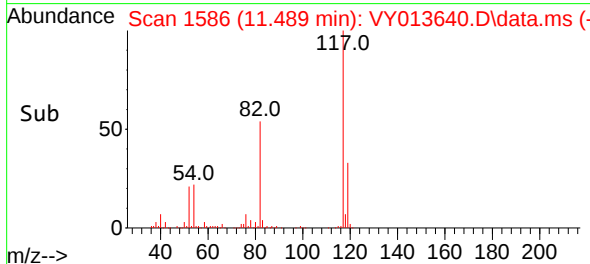
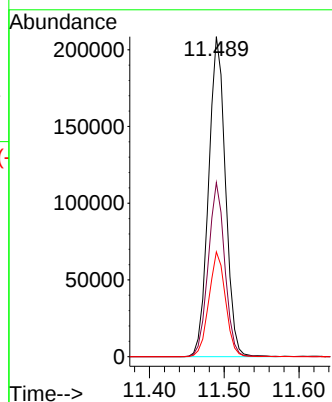
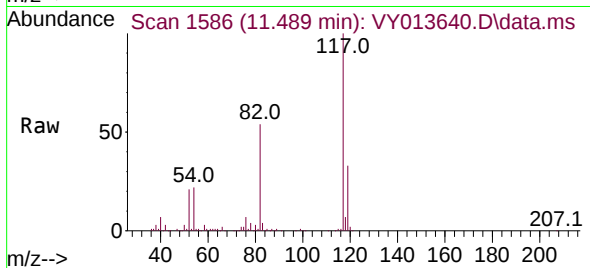




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

Tgt Ion:117 Resp: 327269
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.6
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Tgt Ion:152 Resp: 158743
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.2
150 157.4 0.0 352.0

