

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015648.D
 Acq On : 20 Sep 2023 10:26
 Operator : SY/MD
 Sample : VY0920SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBL01

Quant Time: Sep 21 03:36:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	232260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86601	58.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.740%
35) Dibromofluoromethane	7.716	113	73329	52.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.500%
50) Toluene-d8	10.179	98	275163	58.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.760%
62) 4-Bromofluorobenzene	12.483	95	90734	49.052	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.100%

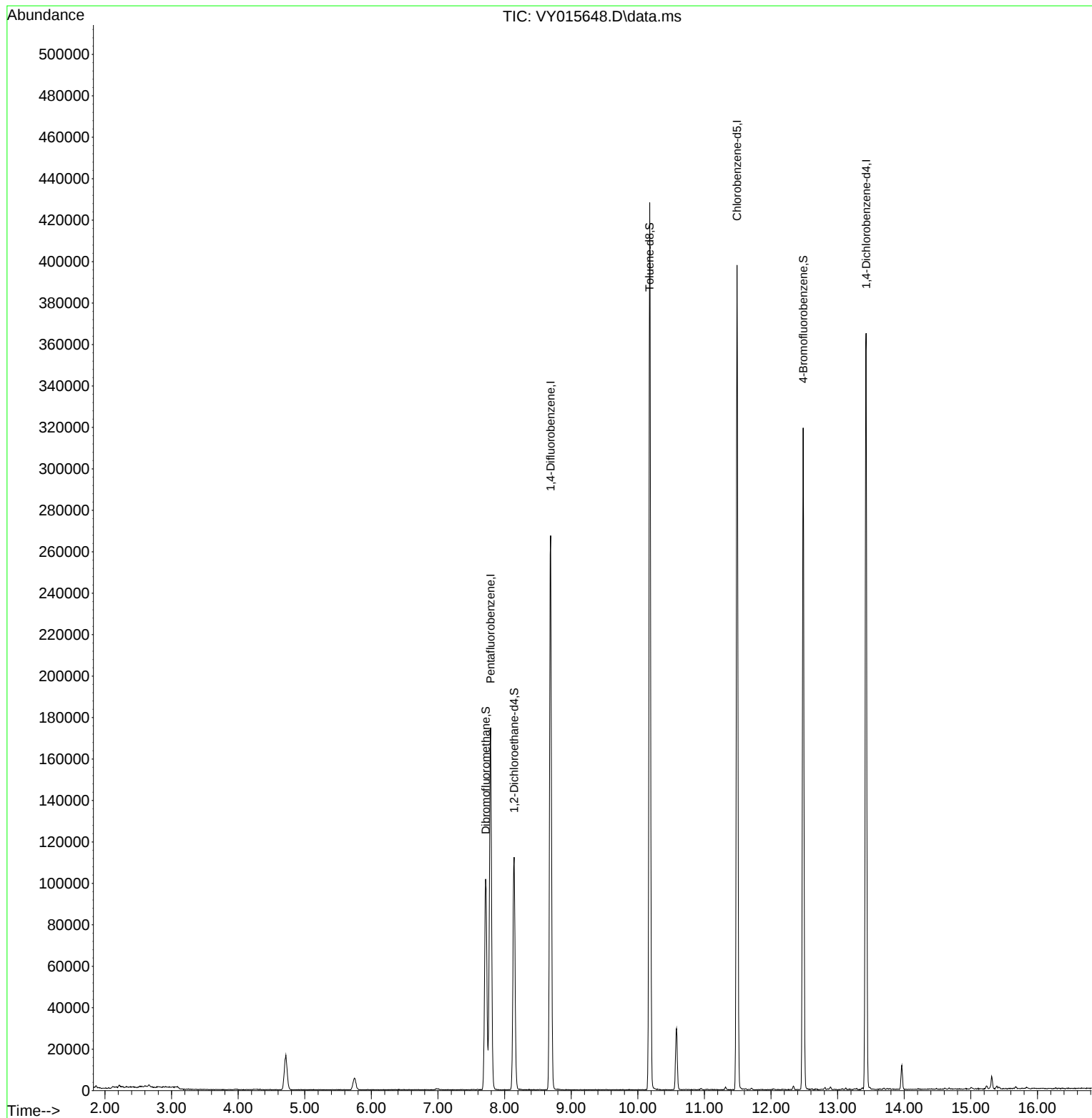
Target Compounds	Qvalue

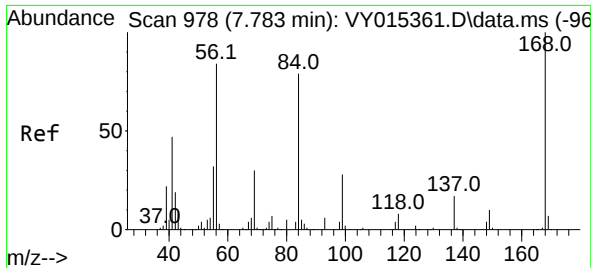
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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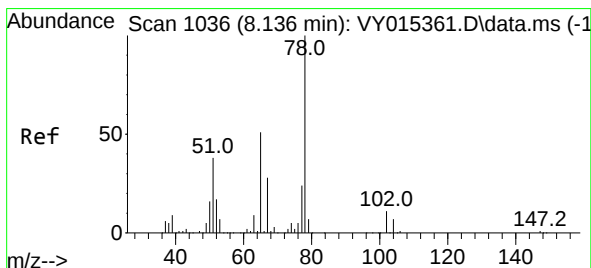
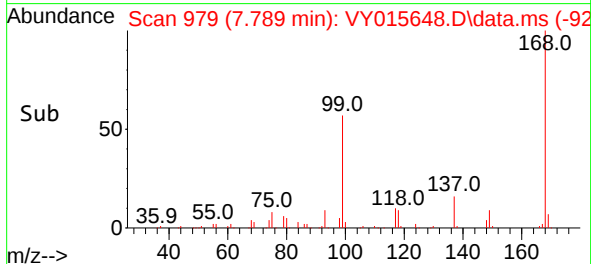
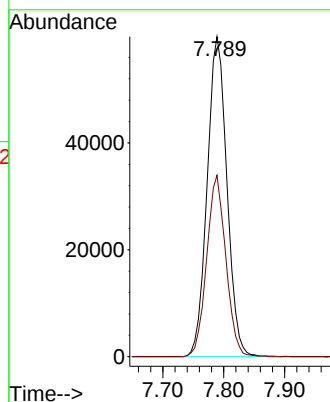
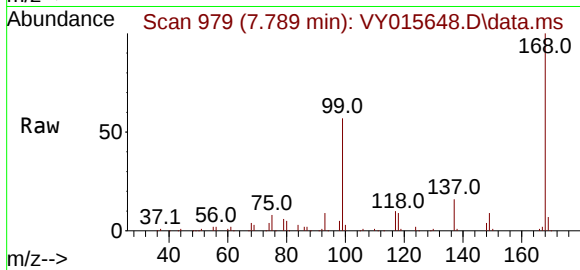




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015648.D
Acq: 20 Sep 2023 10:26

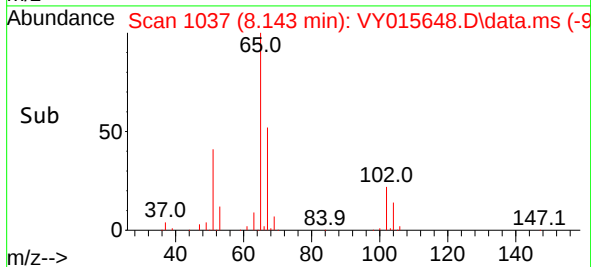
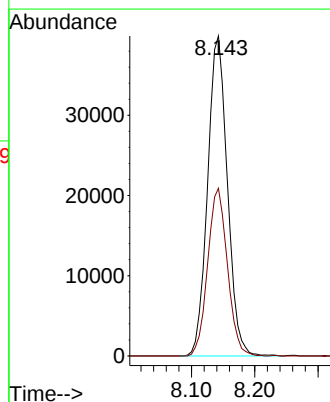
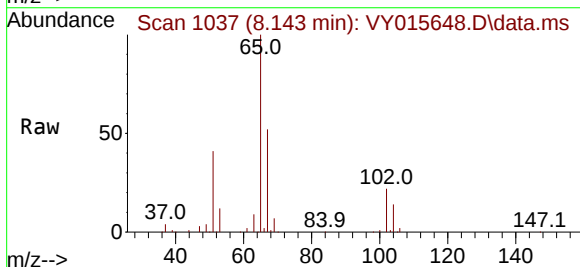
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBL01

Tgt Ion:168 Resp: 134835
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.374 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015648.D
Acq: 20 Sep 2023 10:26

Tgt Ion: 65 Resp: 86601
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

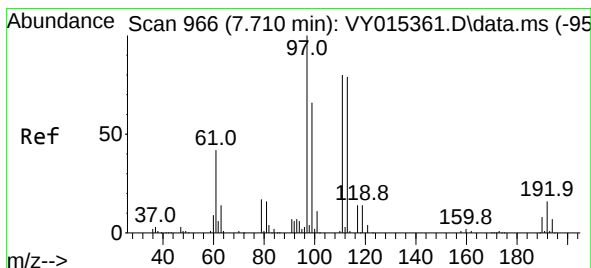
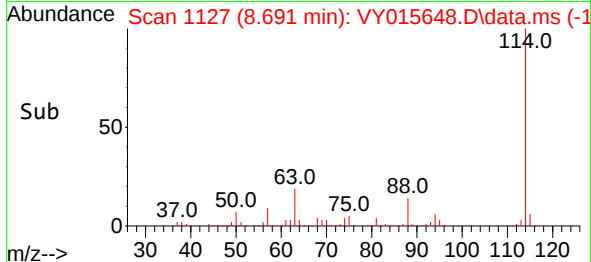
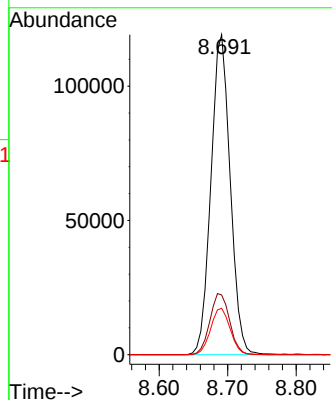
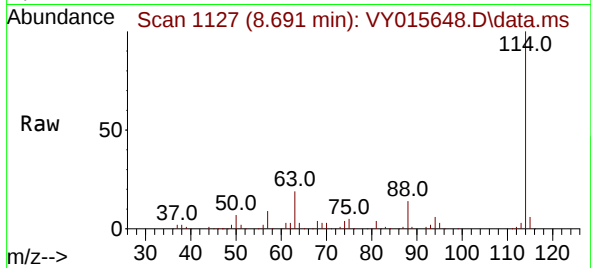




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015648.D
Acq: 20 Sep 2023 10:26

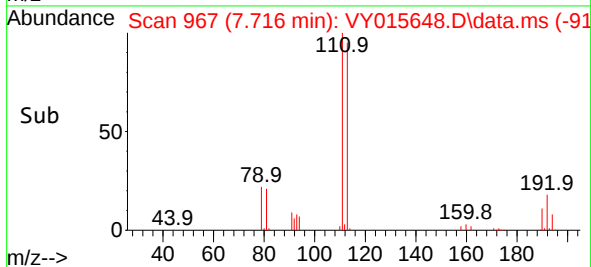
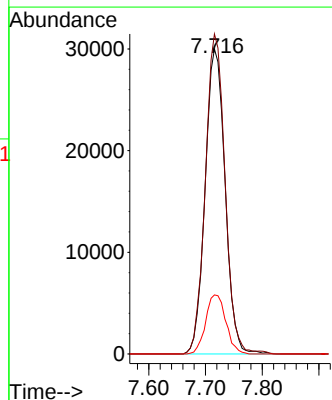
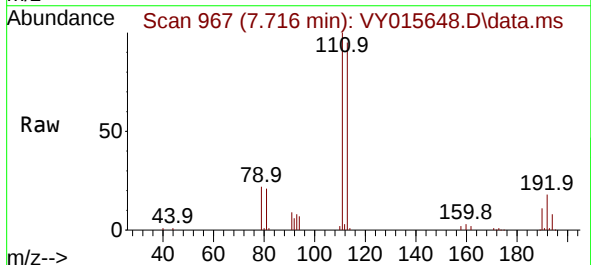
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBL01

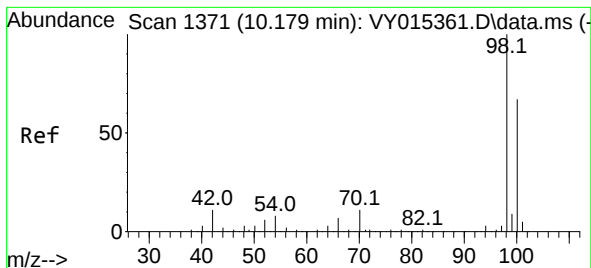
Tgt Ion:114 Resp: 232260
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.749 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015648.D
Acq: 20 Sep 2023 10:26

Tgt Ion:113 Resp: 73329
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.6 16.9 25.3

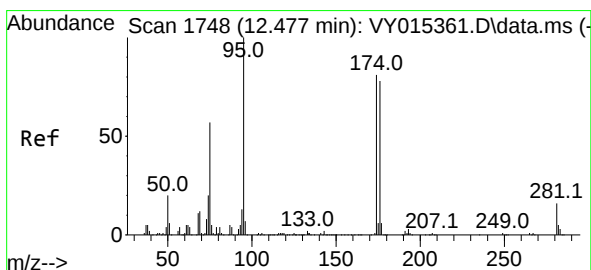
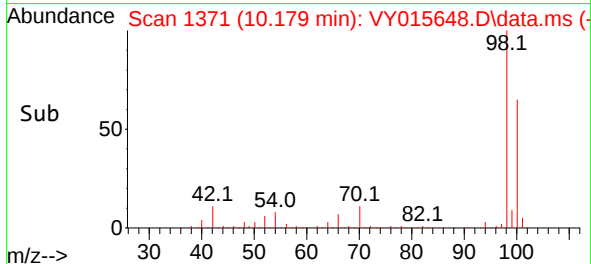
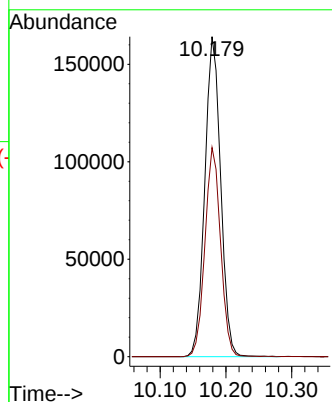
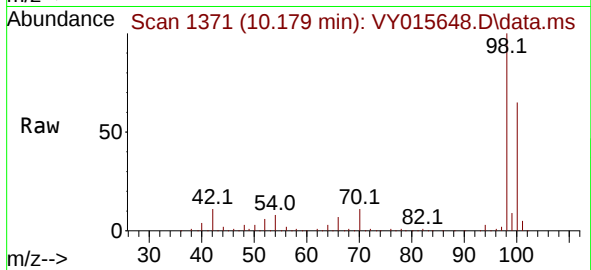




#50
Toluene-d8
Concen: 58.377 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015648.D
Acq: 20 Sep 2023 10:26

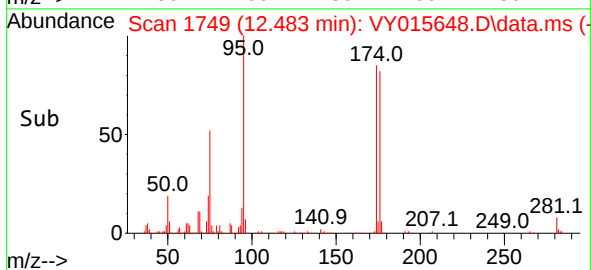
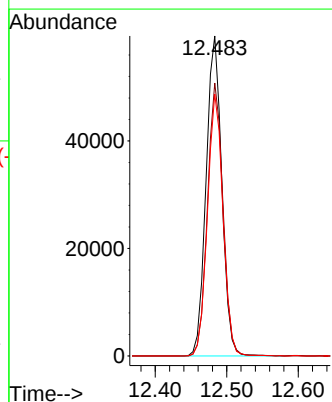
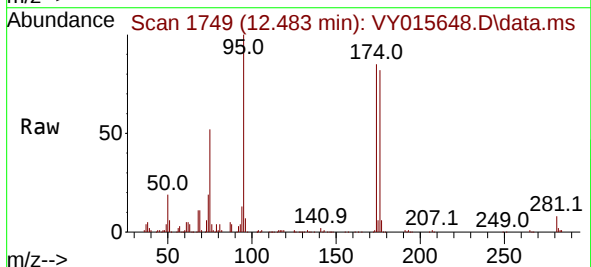
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBL01

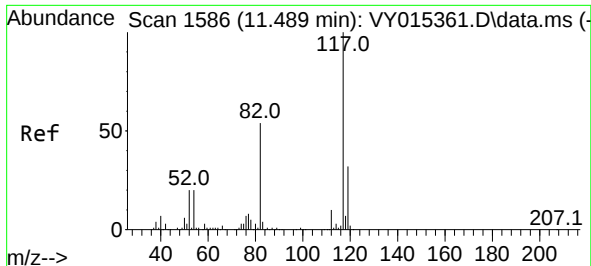
Tgt Ion: 98 Resp: 275163
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015648.D
Acq: 20 Sep 2023 10:26

Tgt Ion: 95 Resp: 90734
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.0 0.0 173.8

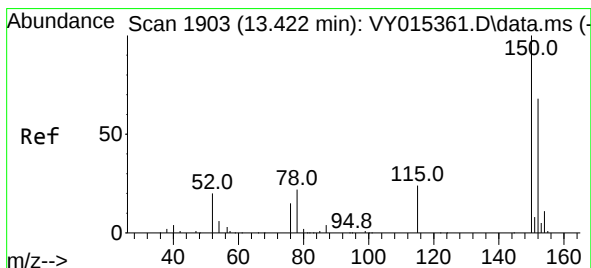
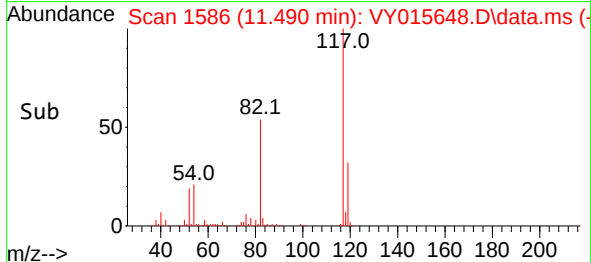
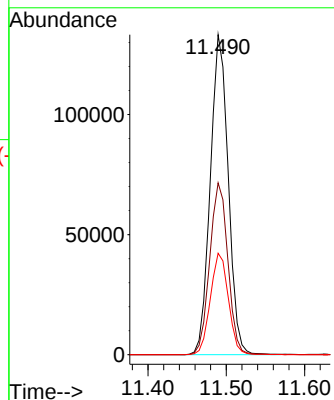
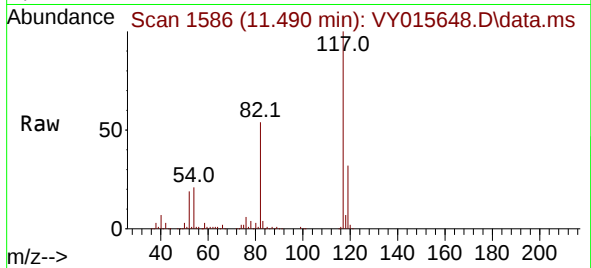




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015648.D
Acq: 20 Sep 2023 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBL01

Tgt Ion:117 Resp: 211859
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015648.D
Acq: 20 Sep 2023 10:26

Tgt Ion:152 Resp: 97403
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 155.7 0.0 348.8

