

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014049.D
 Acq On : 07 Jun 2023 11:01
 Operator : KP/MD
 Sample : VY0607SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBL01

Quant Time: Jun 08 02:31:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	207183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	148045	53.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.960%
35) Dibromofluoromethane	7.716	113	121498	57.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.160%
50) Toluene-d8	10.179	98	412470	50.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.483	95	136297	49.239	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.480%

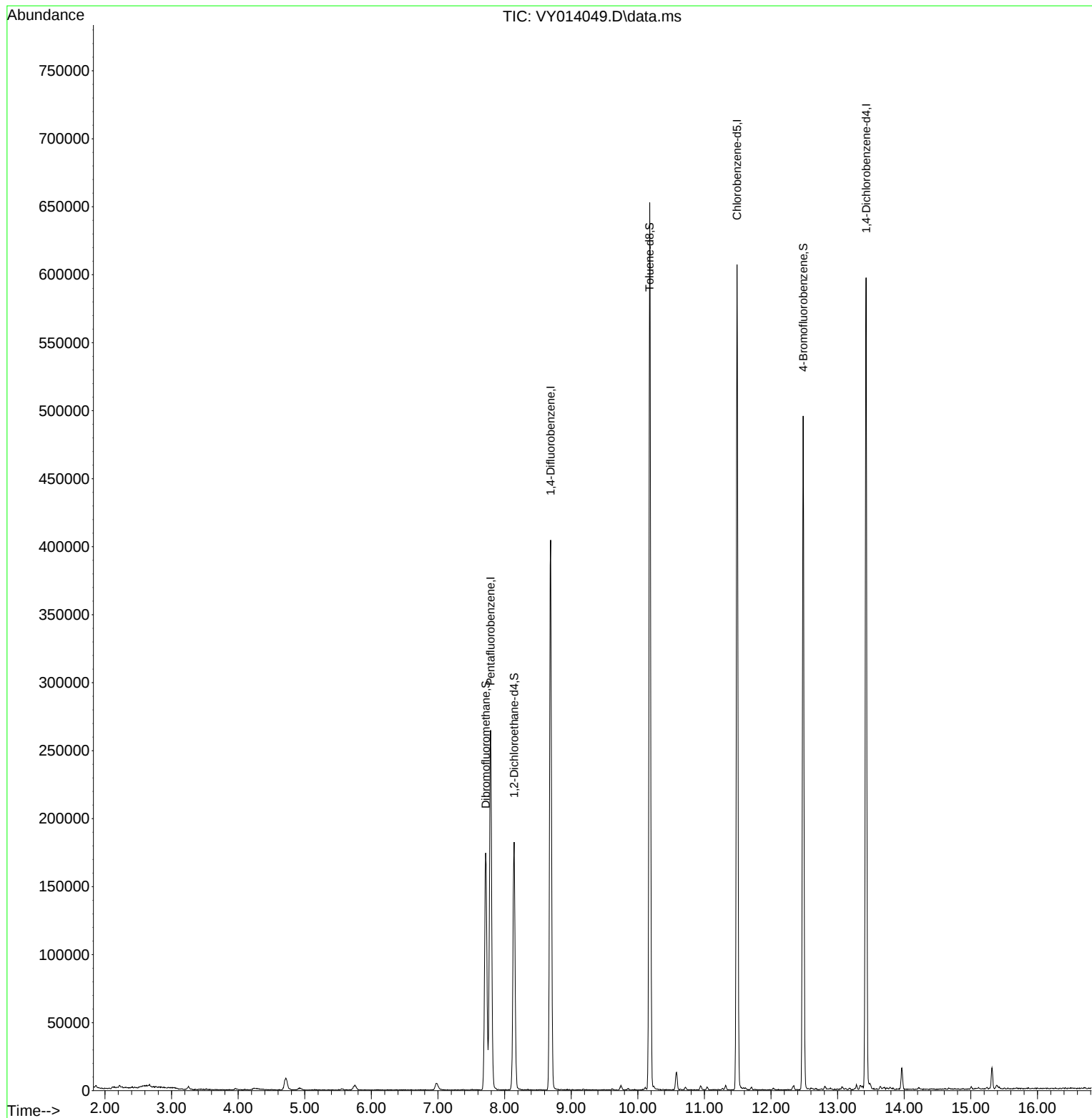
Target Compounds	Qvalue

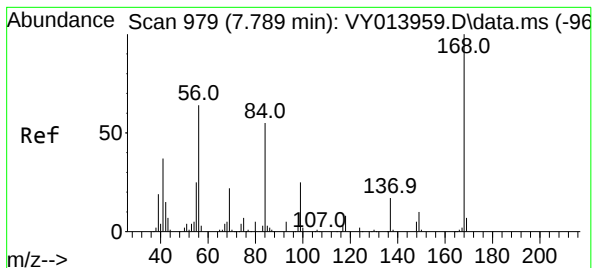
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY014049.D

Acq: 07 Jun 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

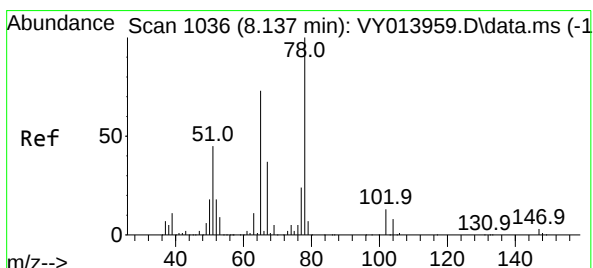
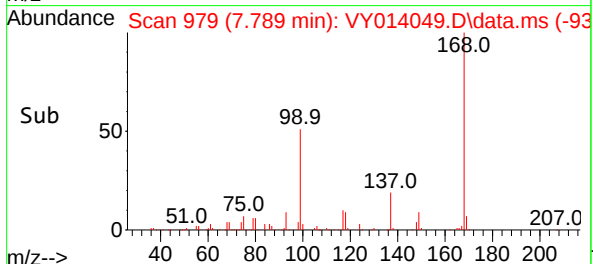
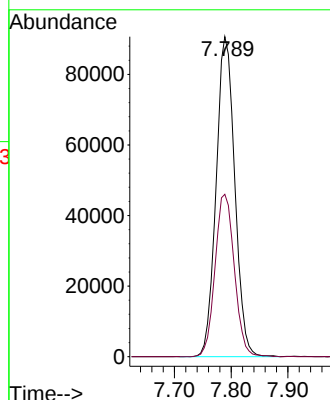
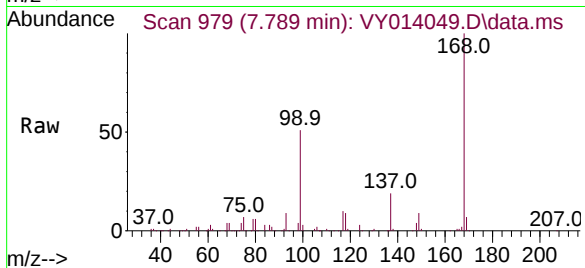
VY0607SBL01

Tgt Ion:168 Resp: 207183

Ion Ratio Lower Upper

168 100

99 50.8 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 53.979 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY014049.D

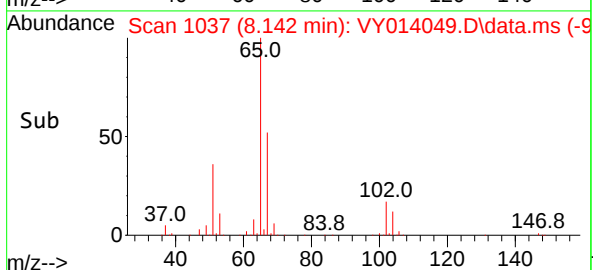
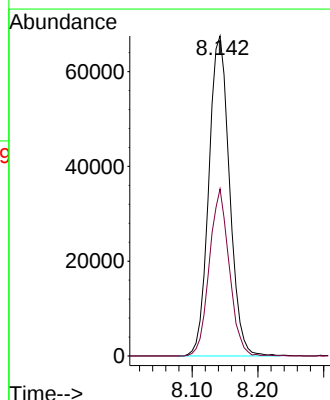
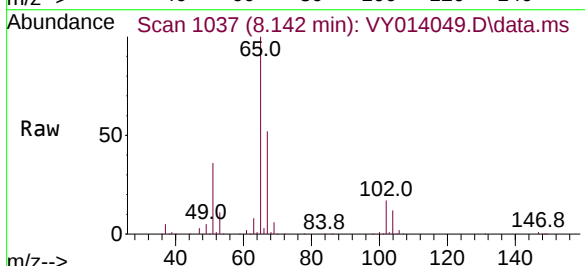
Acq: 07 Jun 2023 11:01

Tgt Ion: 65 Resp: 148045

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8

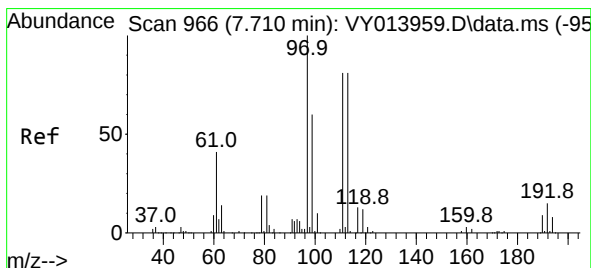
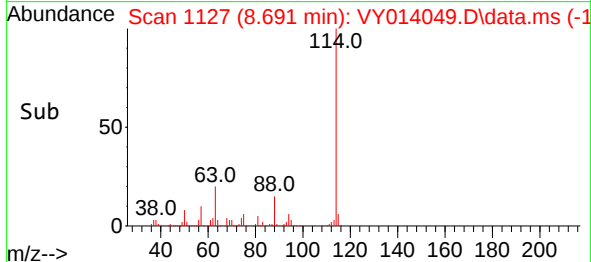
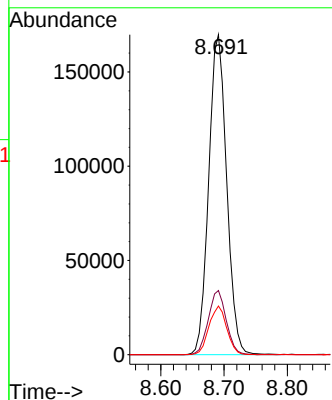
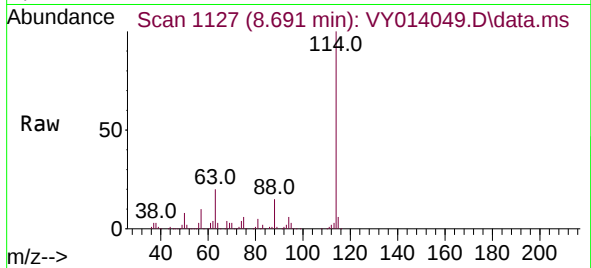




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

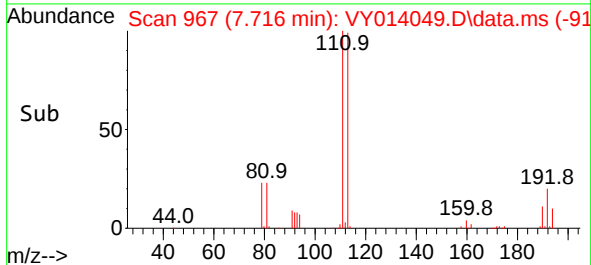
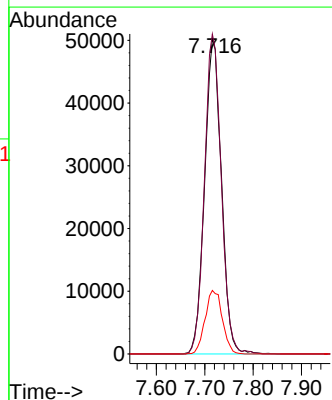
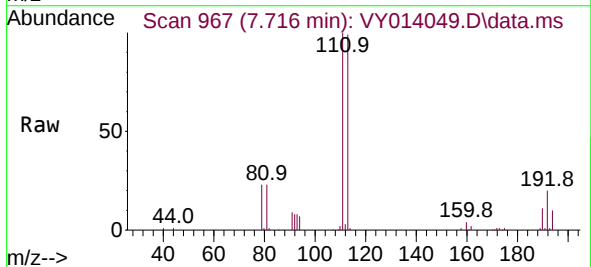
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01

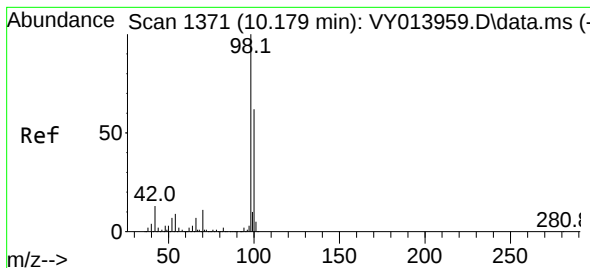
Tgt Ion:114 Resp: 334943
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.079 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

Tgt Ion:113 Resp: 121498
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 20.7 16.9 25.3

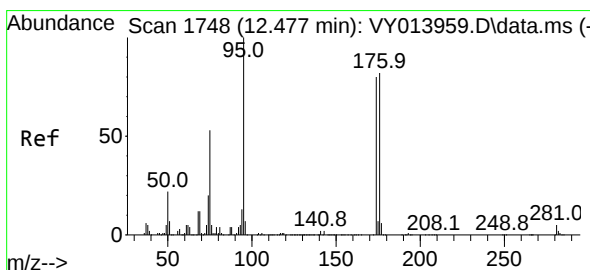
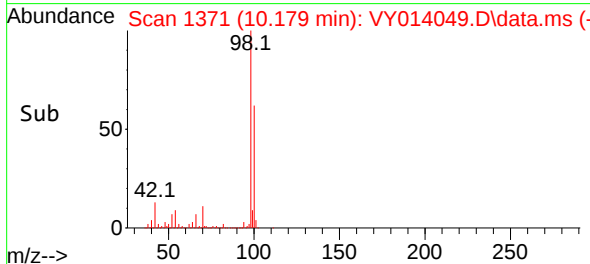
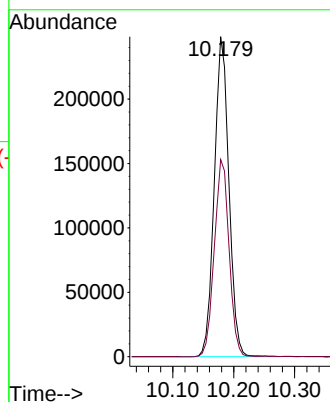
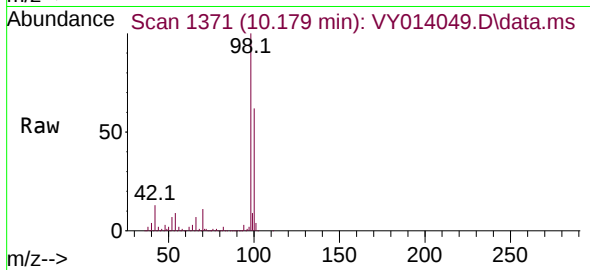




#50
Toluene-d8
Concen: 50.801 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

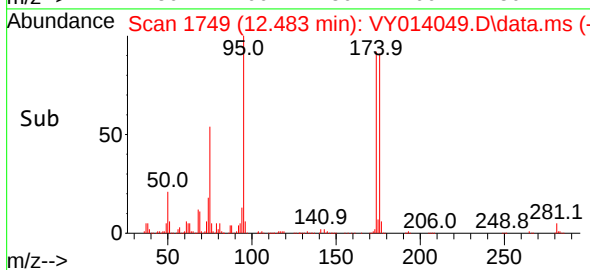
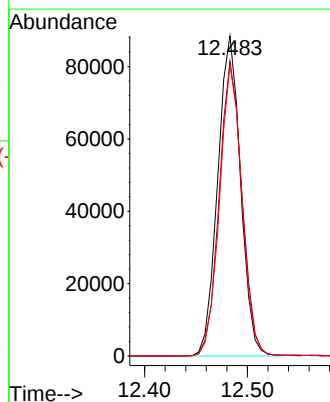
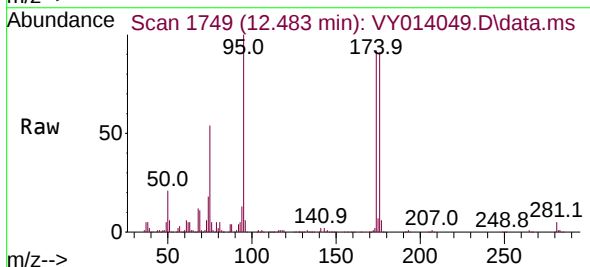
Instrument :
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ClientSampleId :
VY0607SBL01

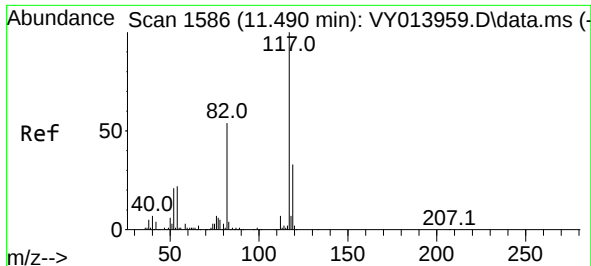
Tgt Ion: 98 Resp: 412470
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

Tgt Ion: 95 Resp: 136297
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 88.9 0.0 173.8

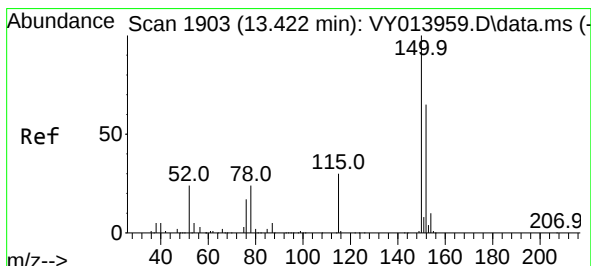
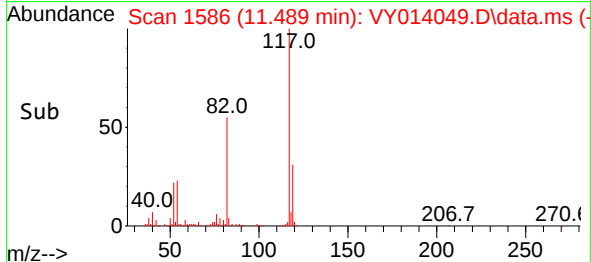
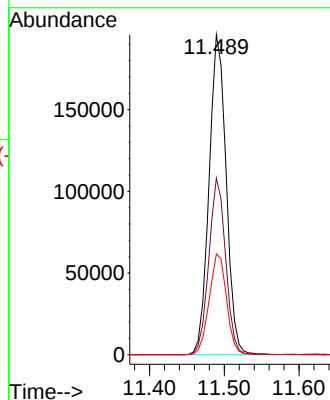
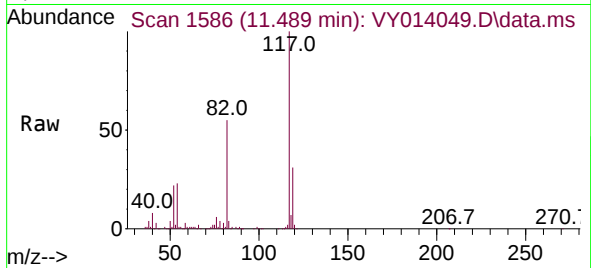




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01

Tgt Ion:117 Resp: 312003
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 31.5 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: VY014049.D
Acq: 07 Jun 2023 11:01

Tgt Ion:152 Resp: 151144
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 155.6 0.0 348.8

