

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010936.D
 Acq On : 12 Oct 2022 13:02
 Operator : KP/MD
 Sample : N5083-03
 Misc : 3.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

Quant Time: Oct 13 05:34:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	236614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	410526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148214	61.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.600%
35) Dibromofluoromethane	7.716	113	154070	56.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.080%
50) Toluene-d8	10.179	98	561347	60.233	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.460%
62) 4-Bromofluorobenzene	12.483	95	174450	47.747	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.500%

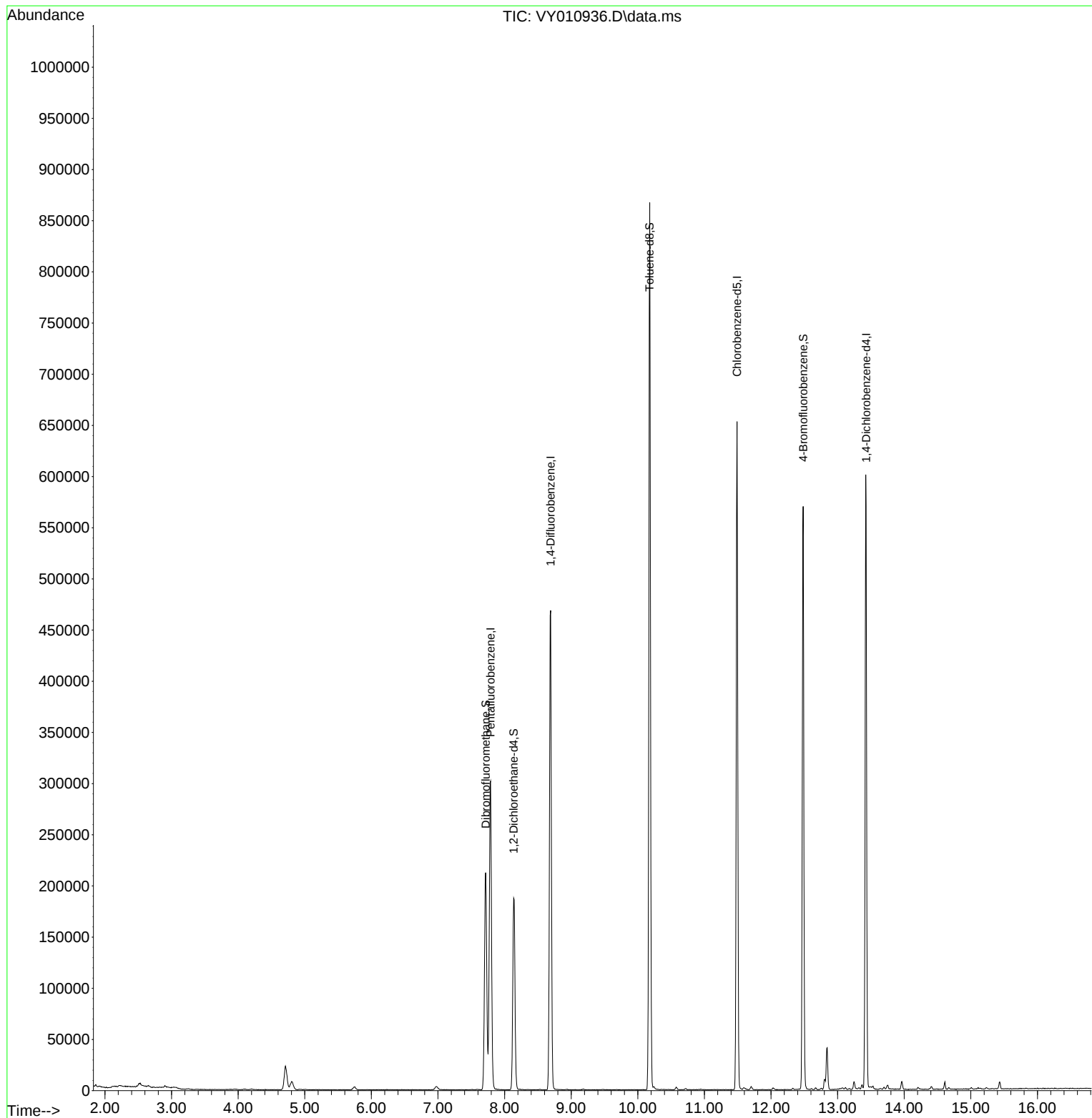
Target Compounds	Qvalue

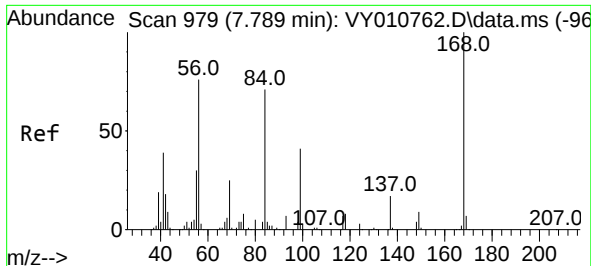
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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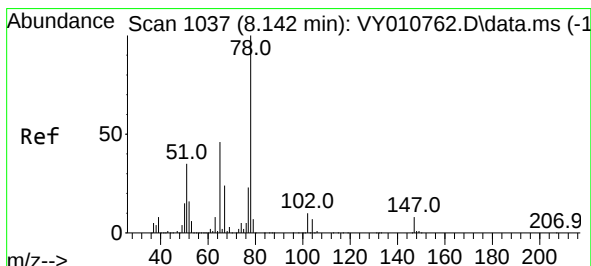
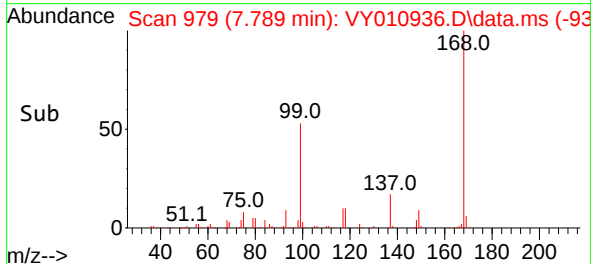
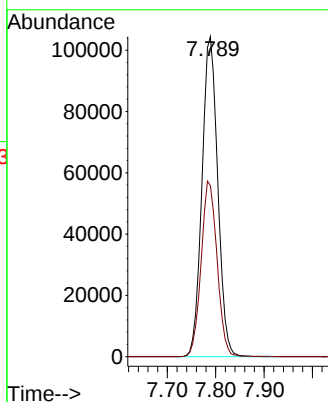
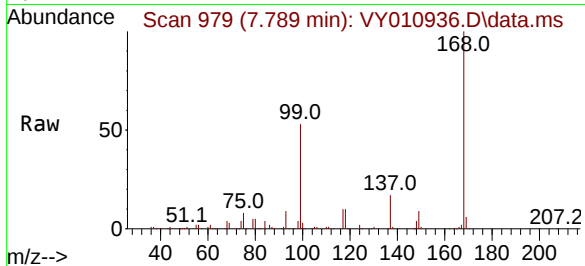




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

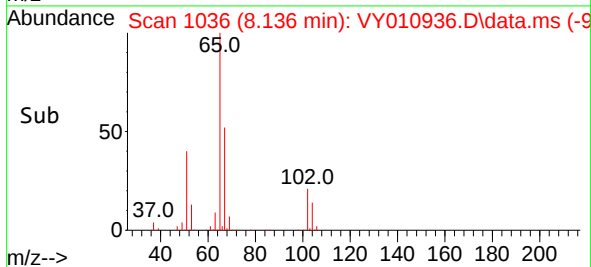
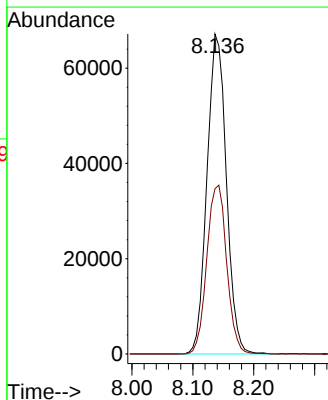
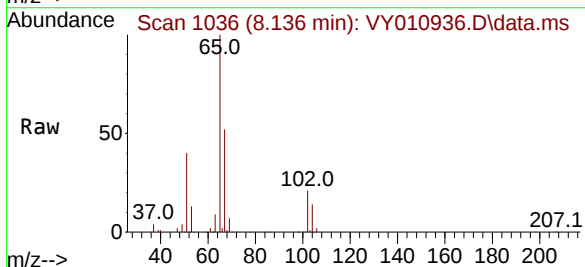
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

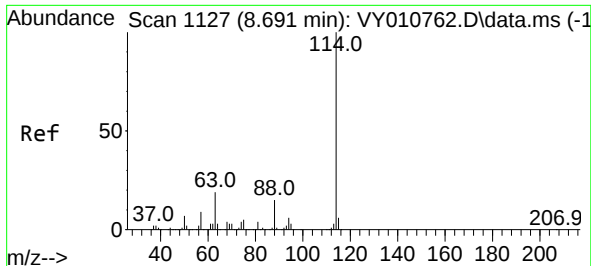
Tgt Ion:168 Resp: 236614
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.798 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion: 65 Resp: 148214
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4

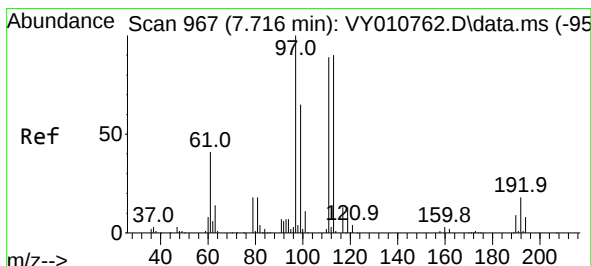
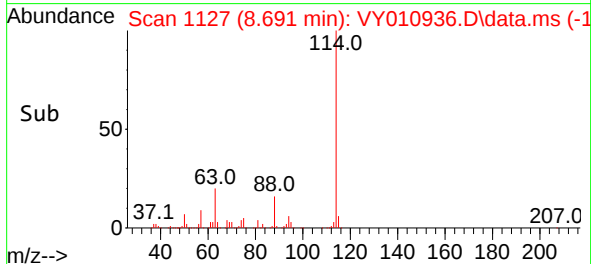
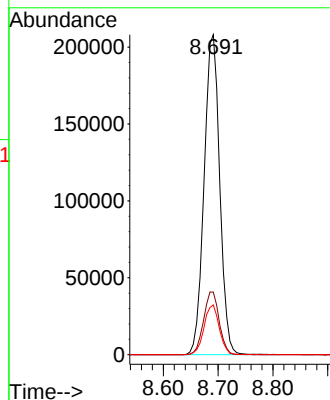
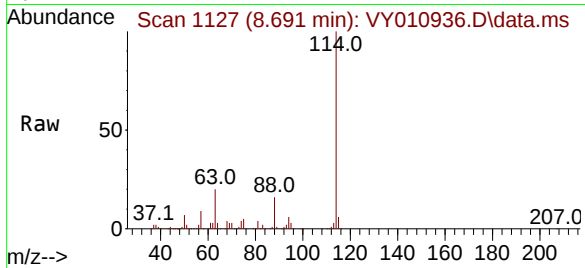




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

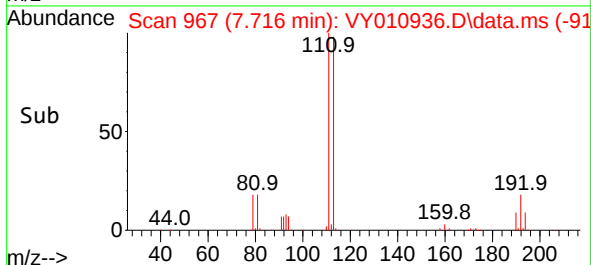
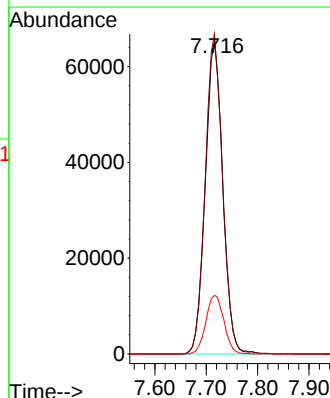
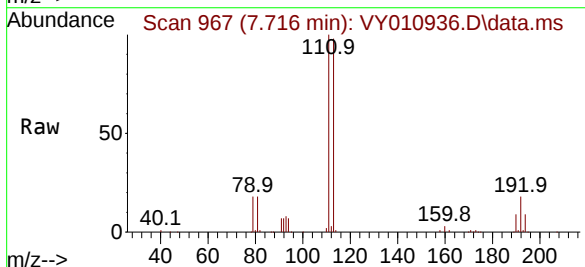
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

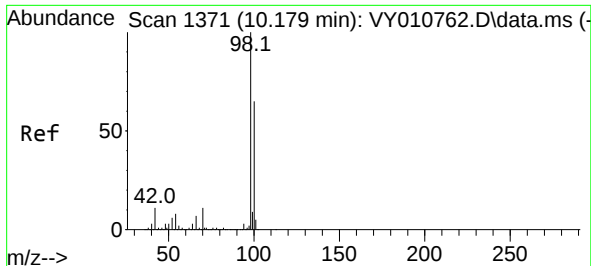
Tgt Ion:114 Resp: 410526
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.537 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion:113 Resp: 154070
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 19.3 17.6 26.4

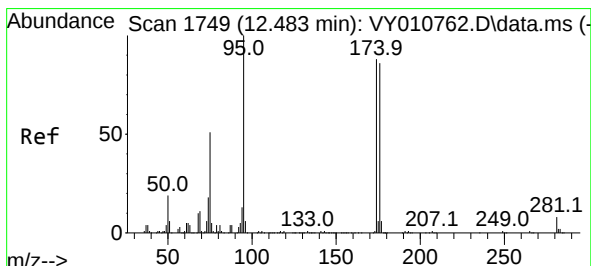
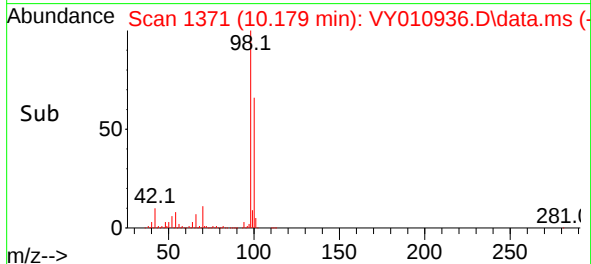
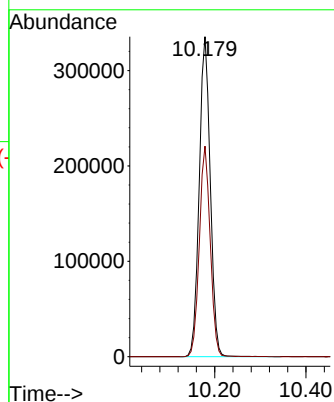
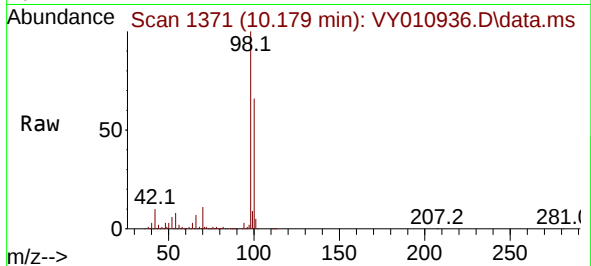




#50
Toluene-d8
Concen: 60.233 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

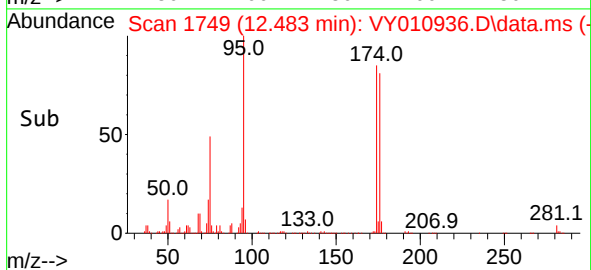
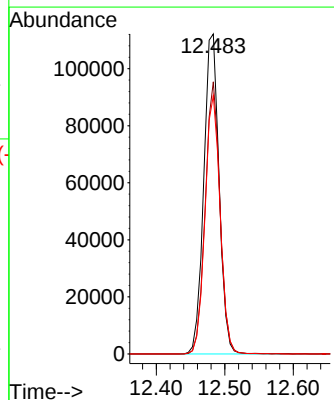
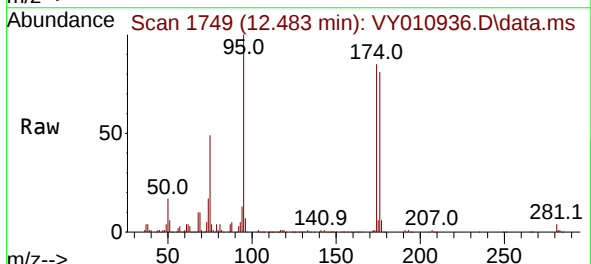
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

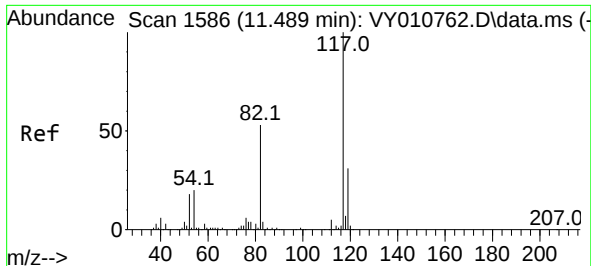
Tgt Ion: 98 Resp: 561347
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion: 95 Resp: 174450
Ion Ratio Lower Upper
95 100
174 82.3 0.0 177.0
176 79.7 0.0 175.8

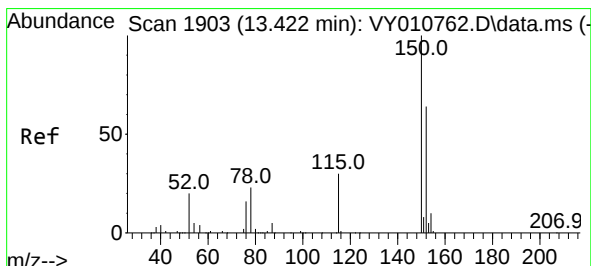
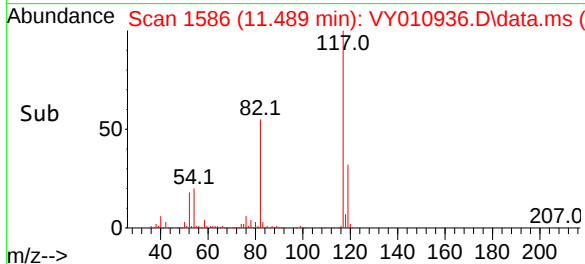
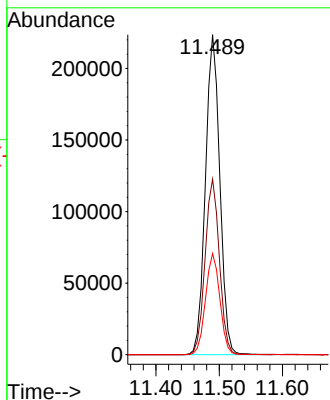
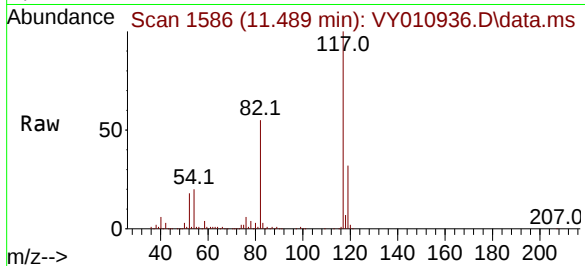




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

Tgt Ion:117 Resp: 354570
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion:152 Resp: 154631
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 157.0 0.0 347.6

