

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010935.D
 Acq On : 12 Oct 2022 12:39
 Operator : KP/MD
 Sample : N5083-01
 Misc : 3.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Quant Time: Oct 13 05:34:08 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	238510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	424217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	152574	63.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.220%
35) Dibromofluoromethane	7.716	113	156052	55.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.179	98	557065	57.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.680%
62) 4-Bromofluorobenzene	12.477	95	165050	43.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.760%

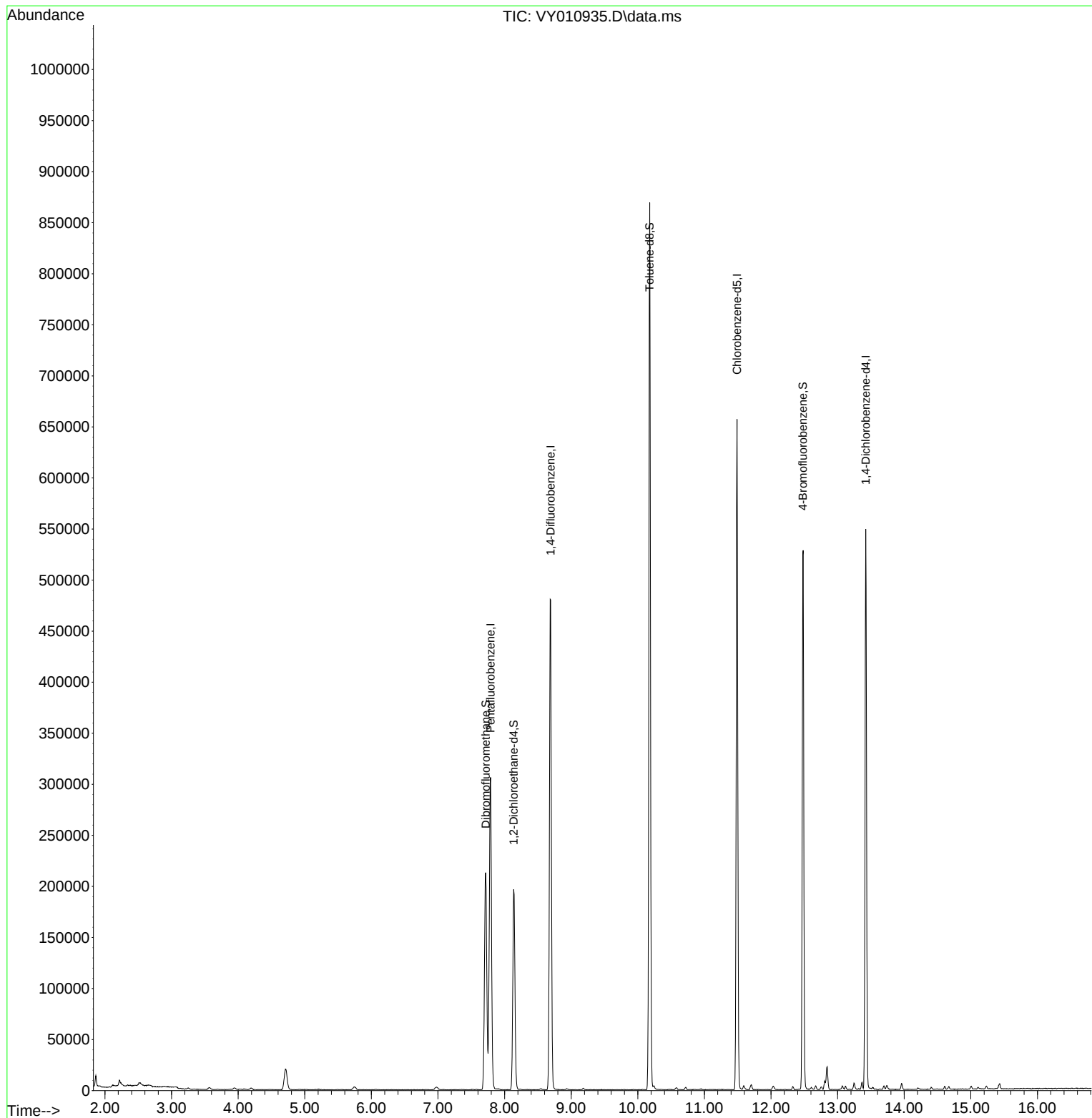
Target Compounds	Qvalue

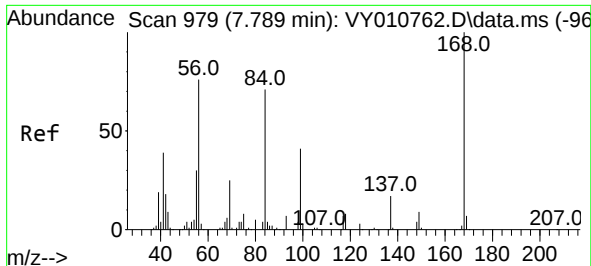
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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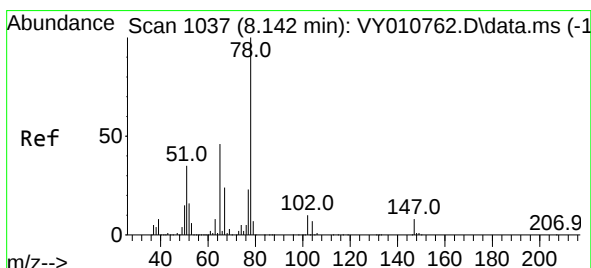
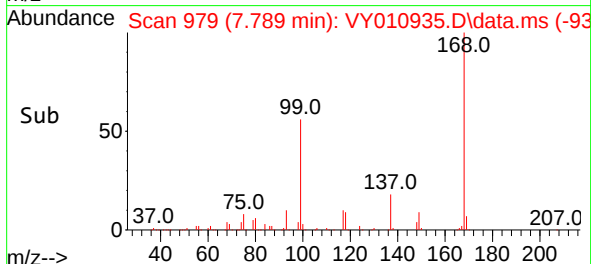
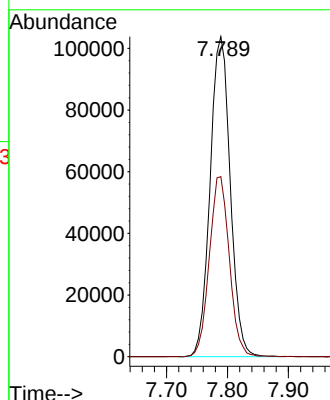
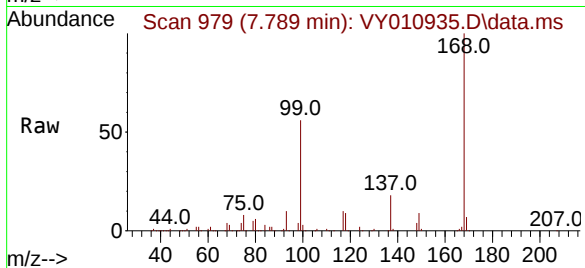




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

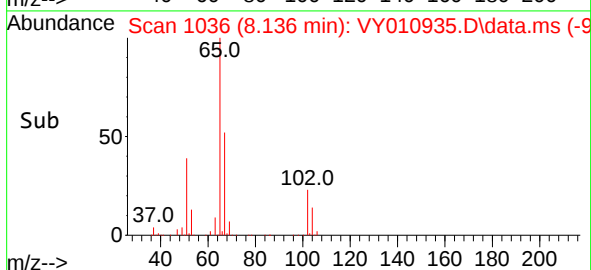
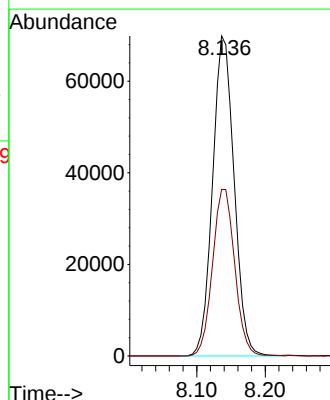
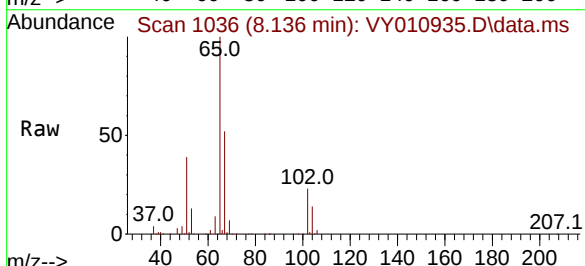
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

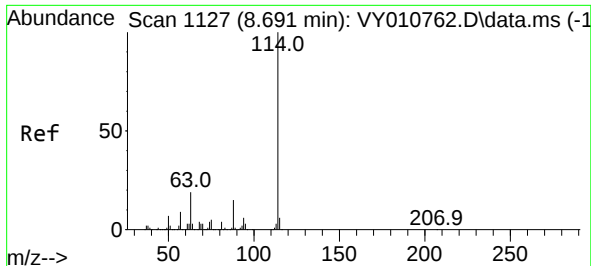
Tgt Ion:168 Resp: 238510
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.110 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion: 65 Resp: 152574
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

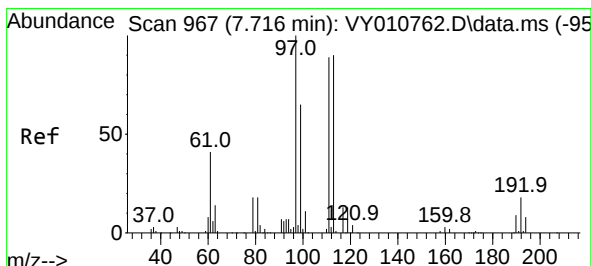
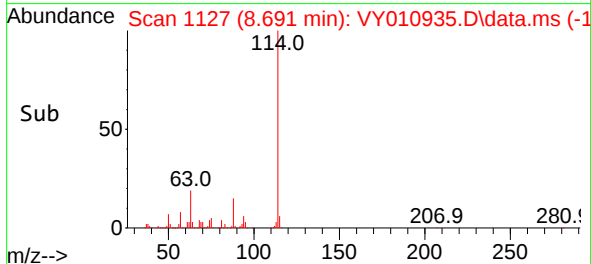
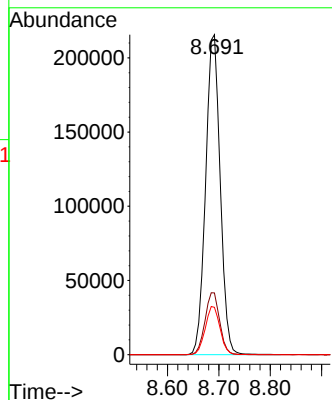
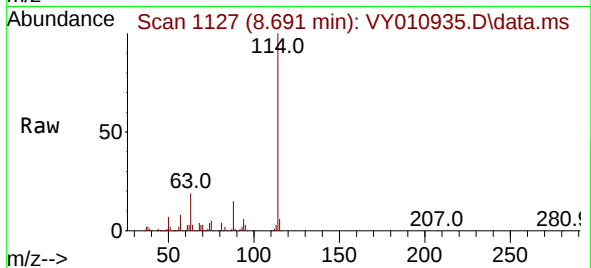




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

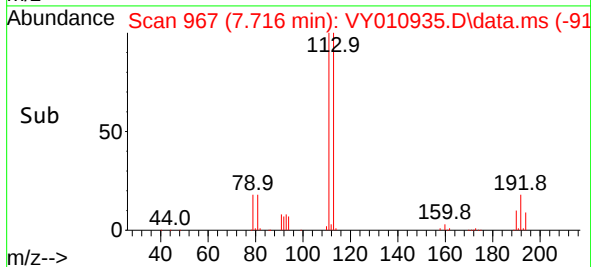
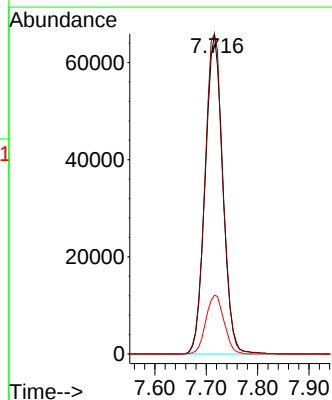
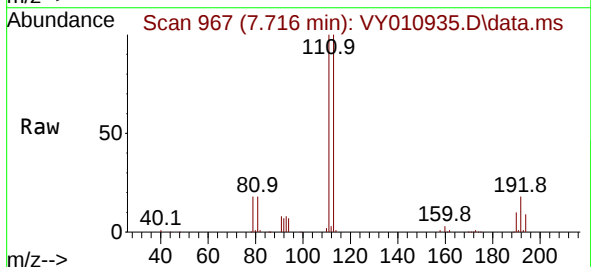
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

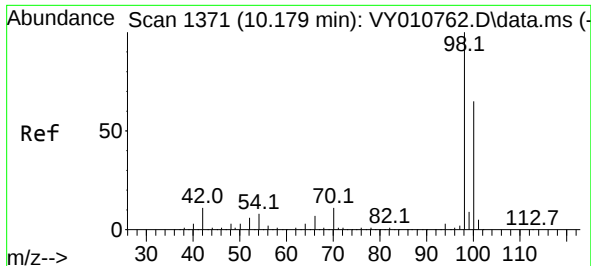
Tgt Ion:114 Resp: 424217
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.417 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion:113 Resp: 156052
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.0 17.6 26.4

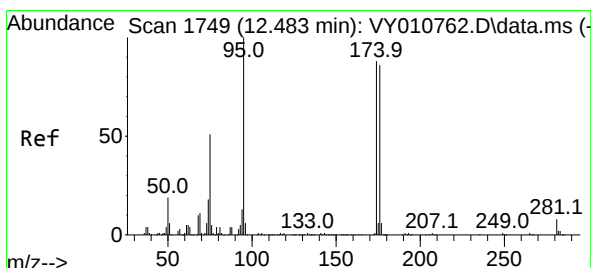
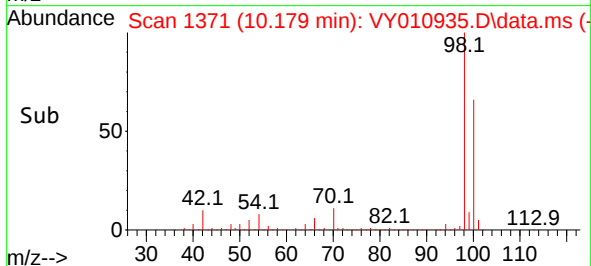
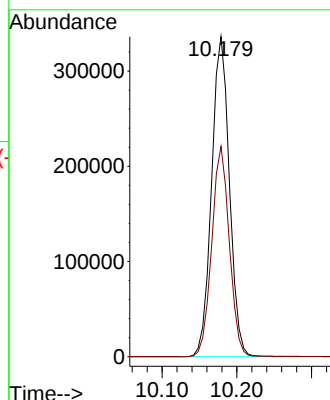
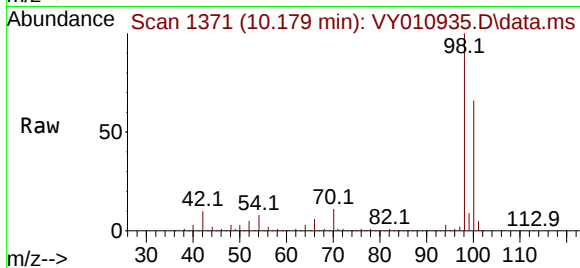




#50
Toluene-d8
Concen: 57.845 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

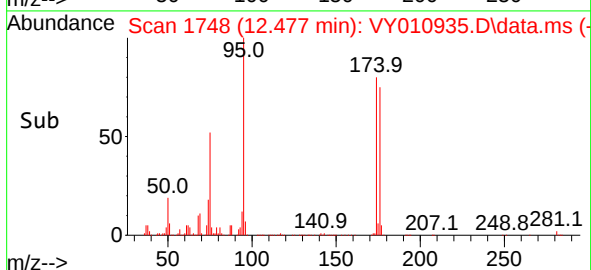
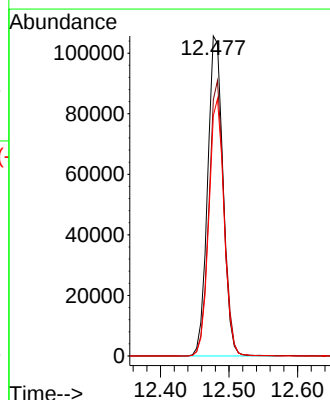
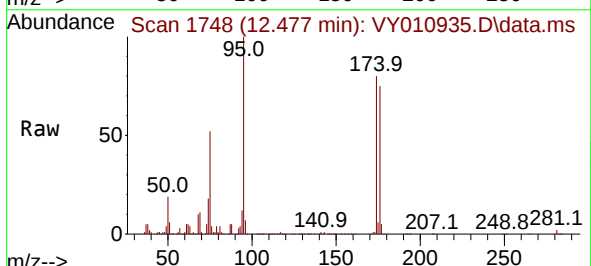
Instrument :
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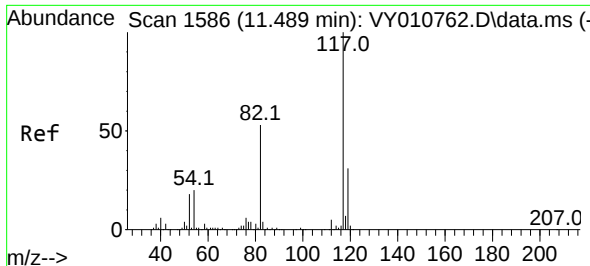
Tgt Ion: 98 Resp: 557065
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.381 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion: 95 Resp: 165050
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 79.4 0.0 175.8

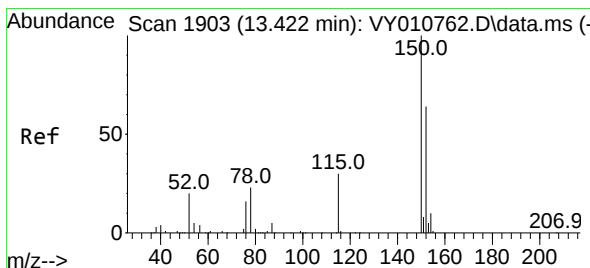
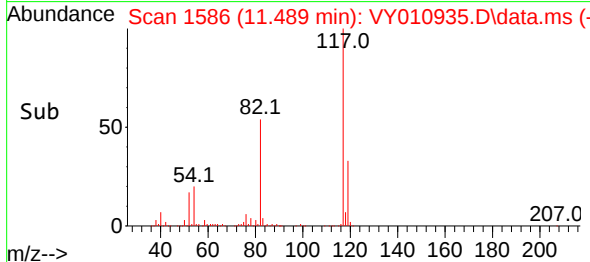
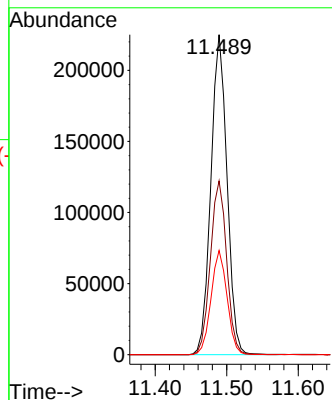
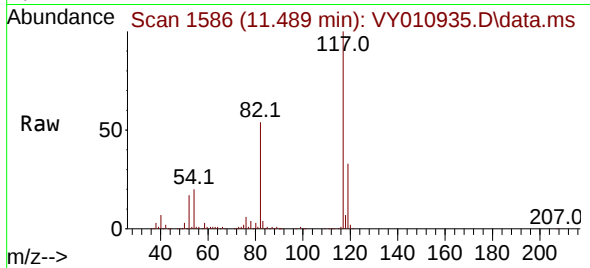




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Tgt Ion:117 Resp: 352492
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion:152 Resp: 143317
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.0 0.0 347.6

