

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014572.D
 Acq On : 05 Jul 2023 20:41
 Operator : KP/MD
 Sample : 03514-01
 Misc : 2.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CP-4

Quant Time: Jul 06 01:38:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	222352	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	343354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	352838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	118905	53.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.520%
35) Dibromofluoromethane	7.710	113	110477	52.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.500%
50) Toluene-d8	10.179	98	392058	46.906	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.820%
62) 4-Bromofluorobenzene	12.477	95	157374	54.222	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.440%

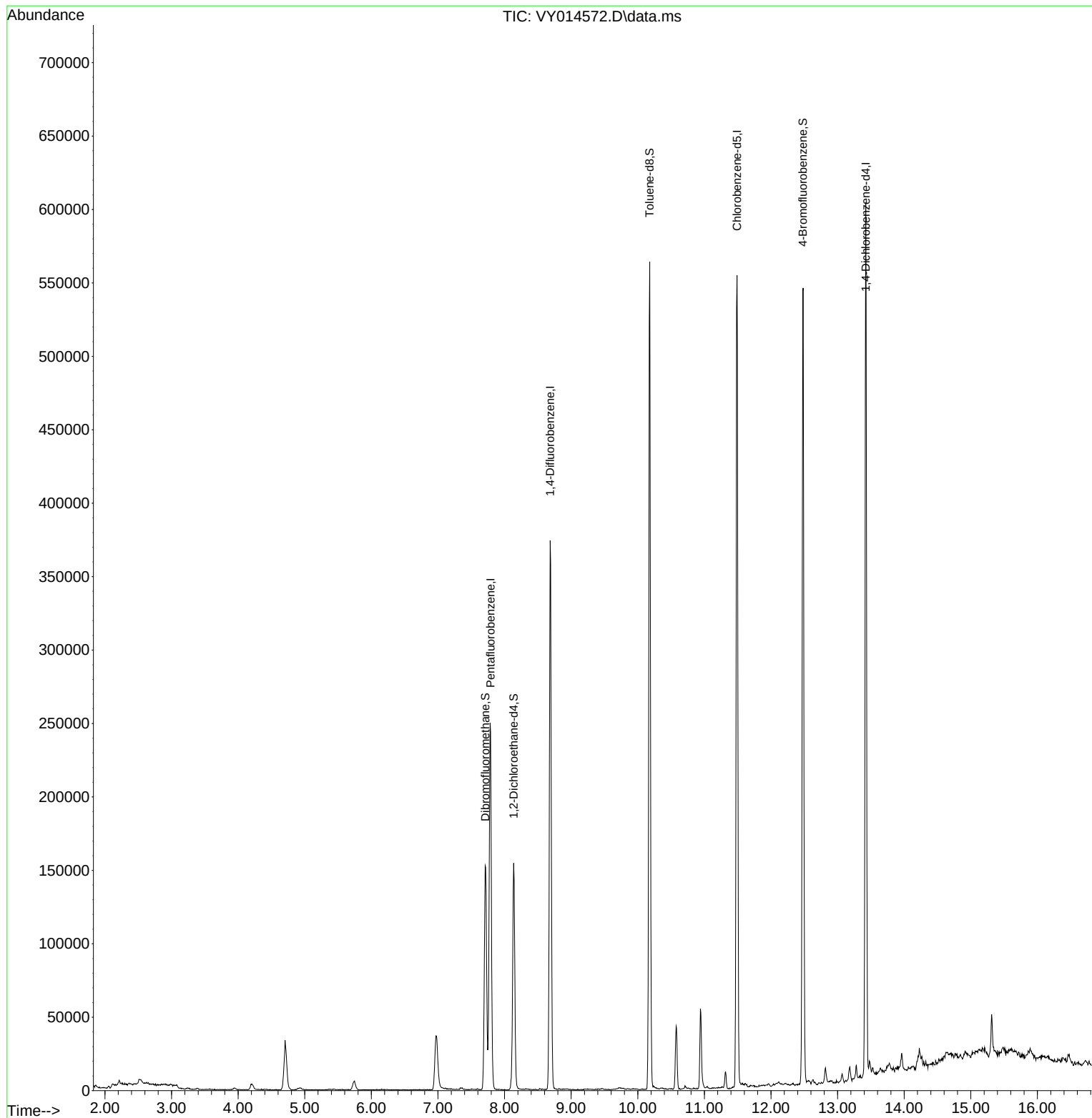
Target Compounds	Qvalue

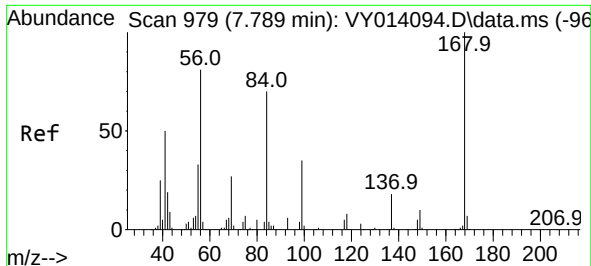
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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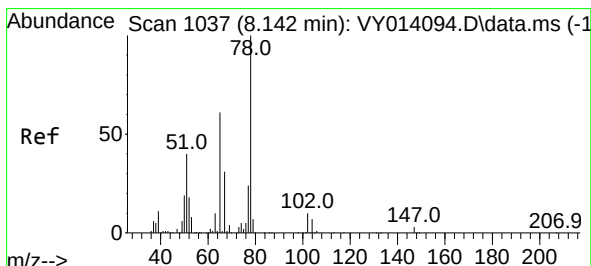
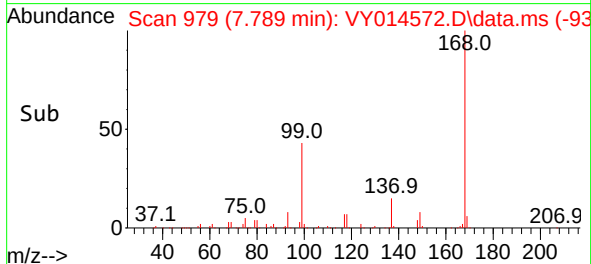
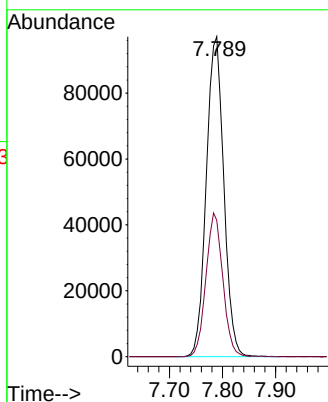
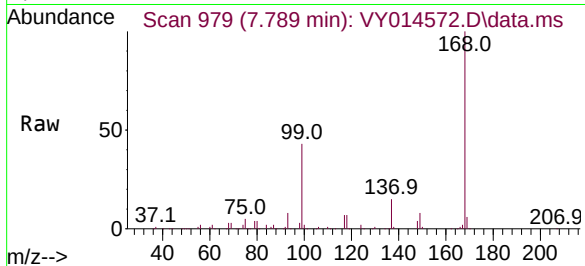




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014572.D
Acq: 05 Jul 2023 20:41

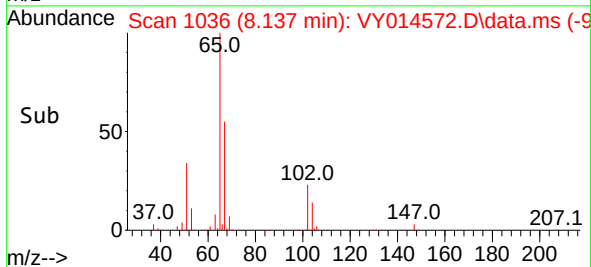
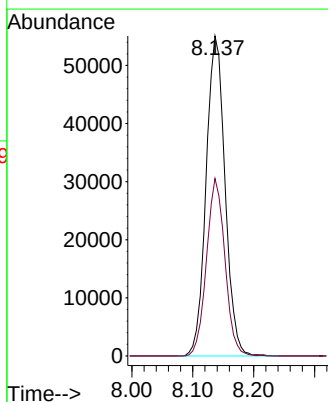
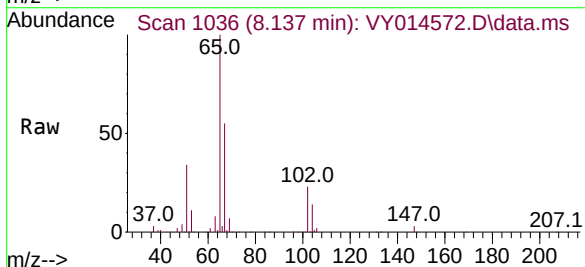
Instrument :
MSVOA_Y
ClientSampleId :
CP-4

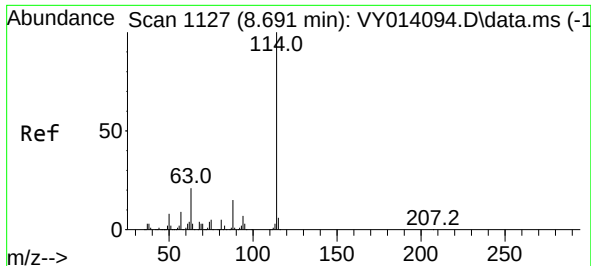
Tgt Ion:168 Resp: 222352
Ion Ratio Lower Upper
168 100
99 42.6 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 53.756 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014572.D
Acq: 05 Jul 2023 20:41

Tgt Ion: 65 Resp: 118905
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8

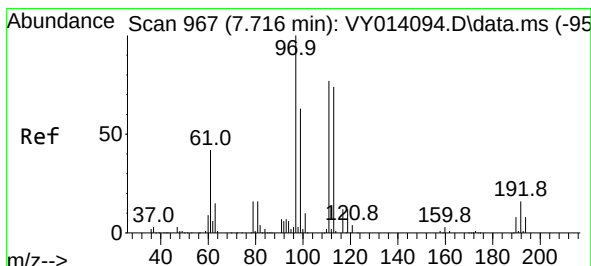
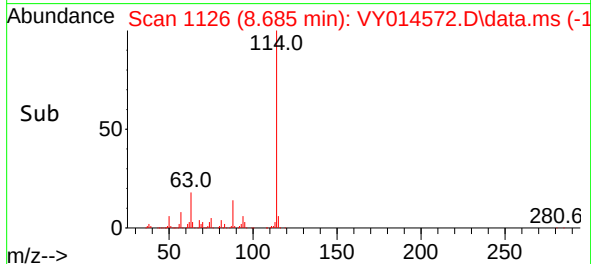
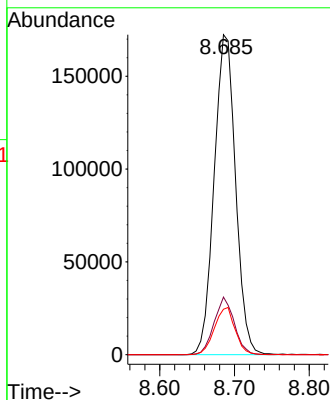
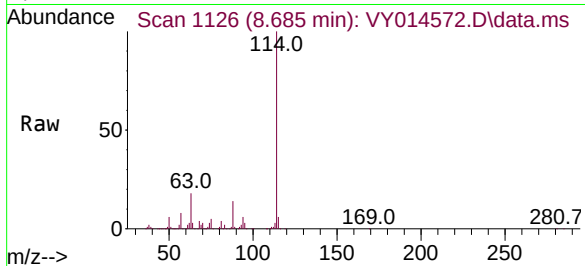




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014572.D
Acq: 05 Jul 2023 20:41

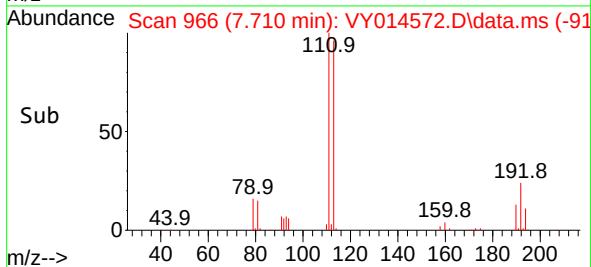
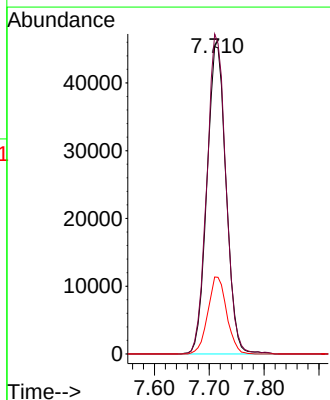
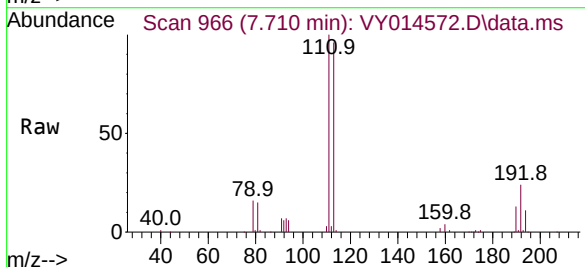
Instrument :
MSVOA_Y
ClientSampleId :
CP-4

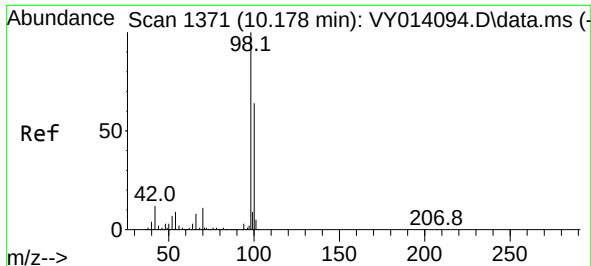
Tgt Ion:114 Resp: 343354
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.4
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.250 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014572.D
Acq: 05 Jul 2023 20:41

Tgt Ion:113 Resp: 110477
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 24.5 16.9 25.3

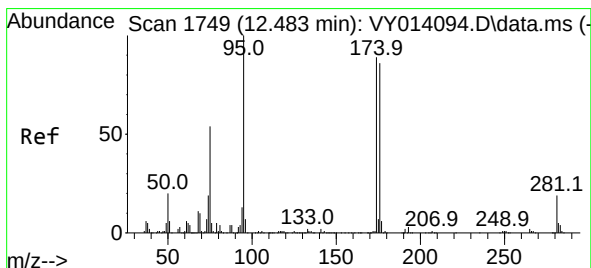
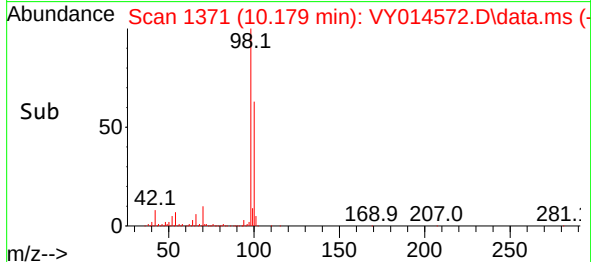
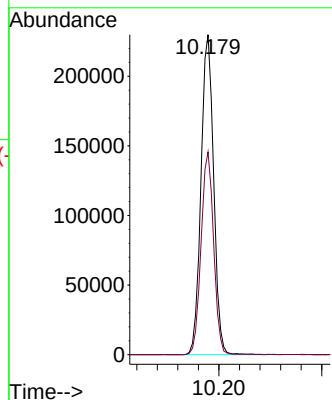
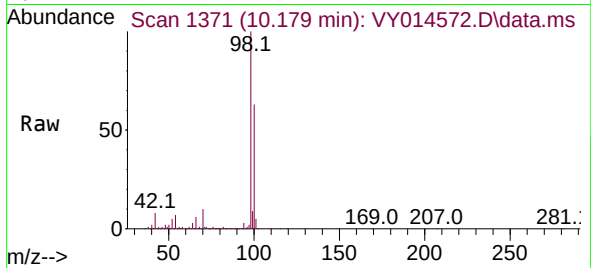




#50
Toluene-d8
Concen: 46.906 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014572.D
Acq: 05 Jul 2023 20:41

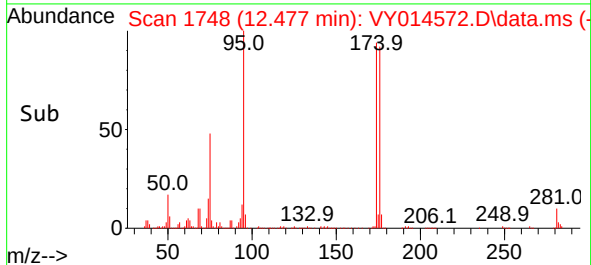
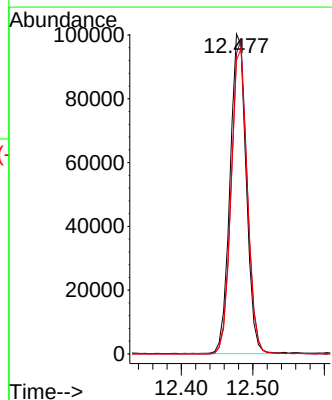
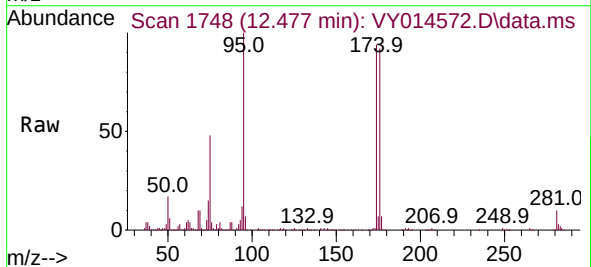
Instrument :
MSVOA_Y
ClientSampleId :
CP-4

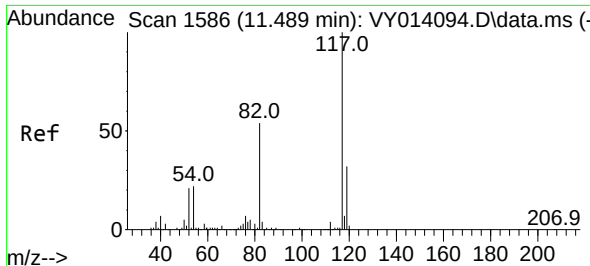
Tgt Ion: 98 Resp: 392058
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.222 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014572.D
Acq: 05 Jul 2023 20:41

Tgt Ion: 95 Resp: 157374
Ion Ratio Lower Upper
95 100
174 97.2 0.0 178.2
176 94.9 0.0 173.8

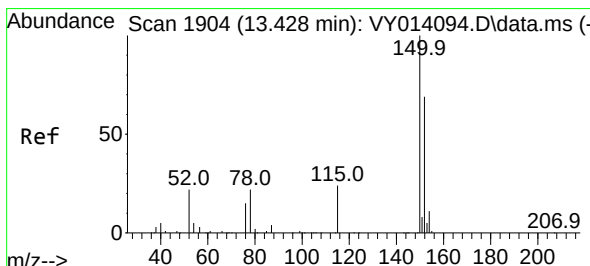
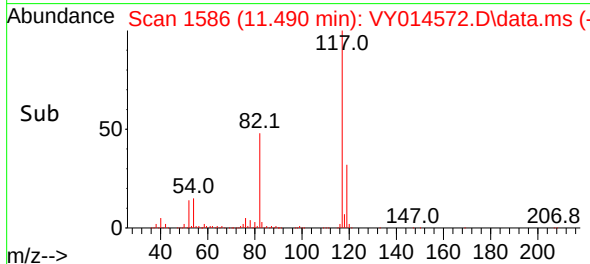
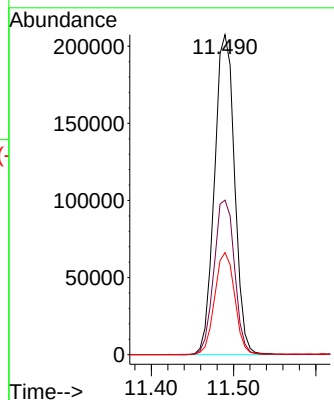
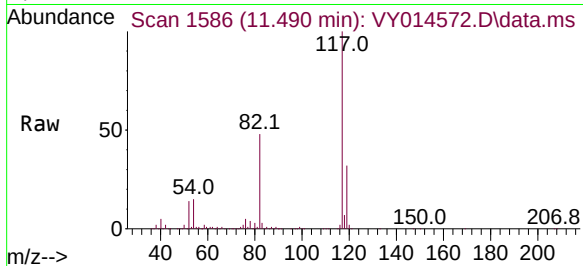




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014572.D
Acq: 05 Jul 2023 20:41

Instrument :
MSVOA_Y
ClientSampleId :
CP-4

Tgt Ion:117 Resp: 352838
Ion Ratio Lower Upper
117 100
82 48.3 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014572.D
Acq: 05 Jul 2023 20:41

Tgt Ion:152 Resp: 174216
Ion Ratio Lower Upper
152 100
115 51.9 28.8 86.5
150 155.4 0.0 348.8

