

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010407.D
 Acq On : 08 Sep 2022 19:42
 Operator : KP/MD
 Sample : N4513-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11939

Quant Time: Sep 09 06:27:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	276680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	465779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	441882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120244	42.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.760%
35) Dibromofluoromethane	7.710	113	114964	37.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.160%
50) Toluene-d8	10.179	98	448785	43.230	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.460%
62) 4-Bromofluorobenzene	12.477	95	152113	34.649	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.300%

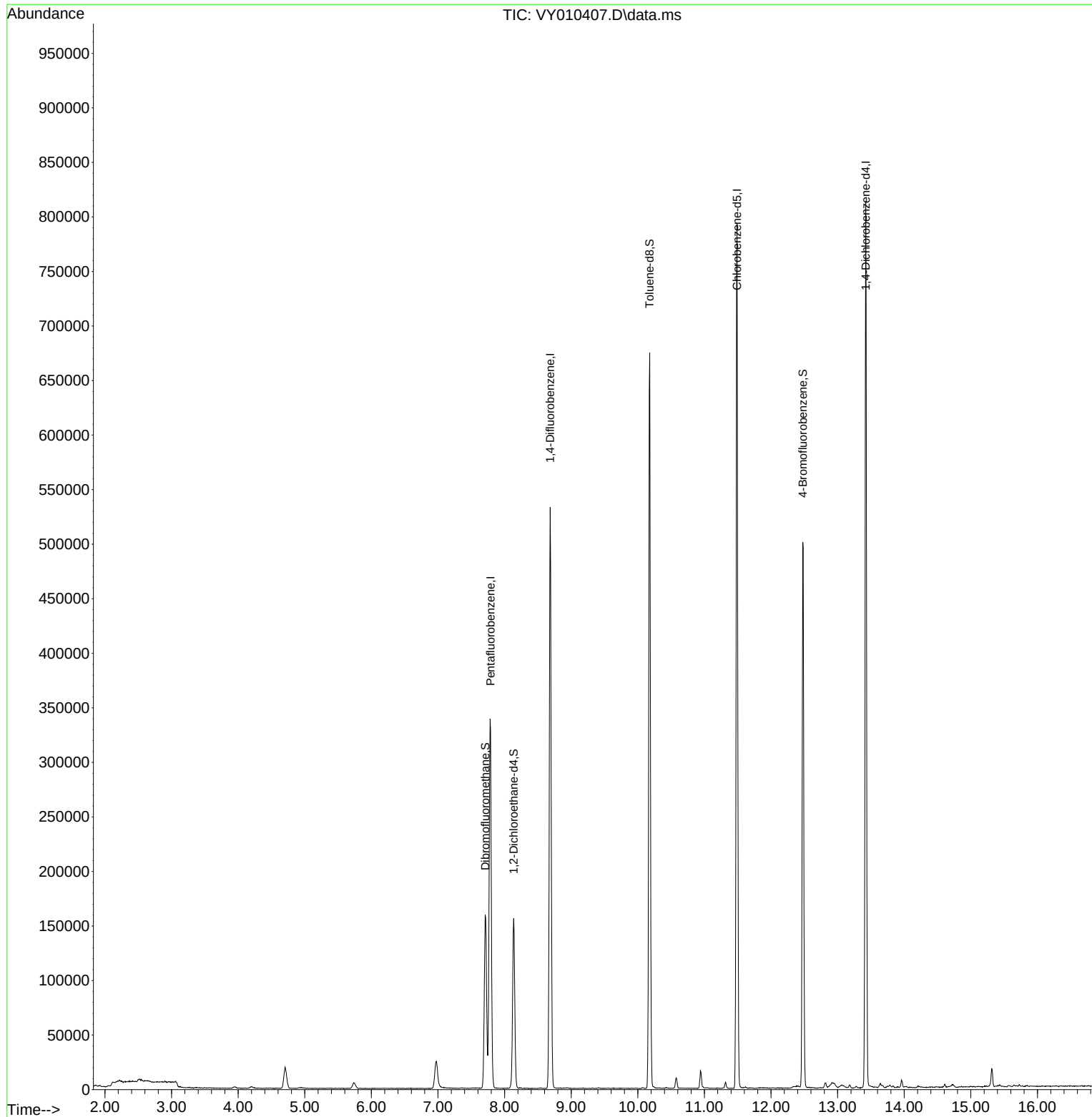
Target Compounds	Qvalue

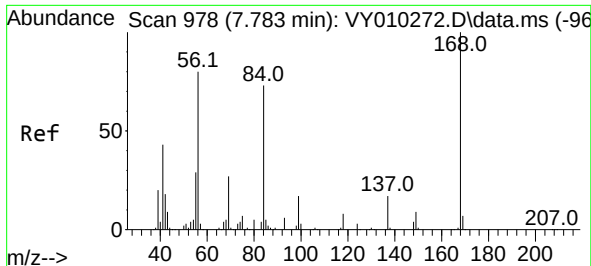
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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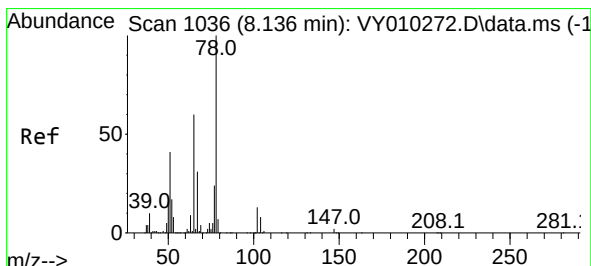
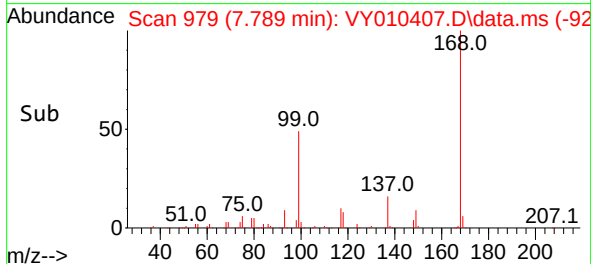
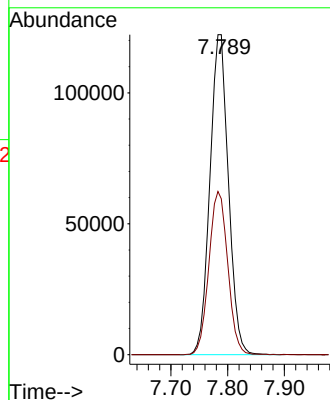
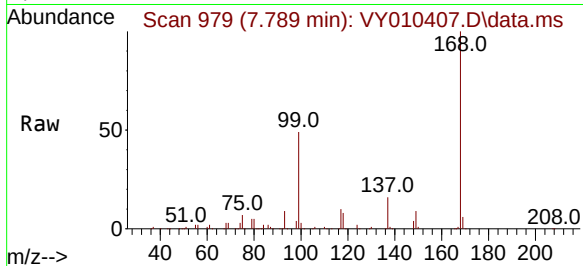




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010407.D
Acq: 08 Sep 2022 19:42

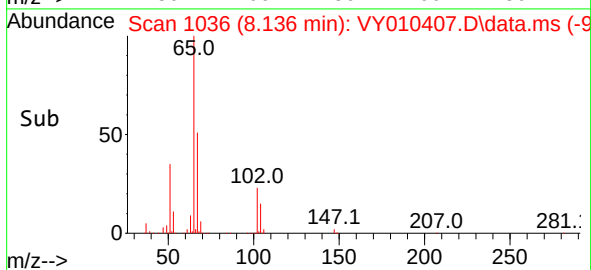
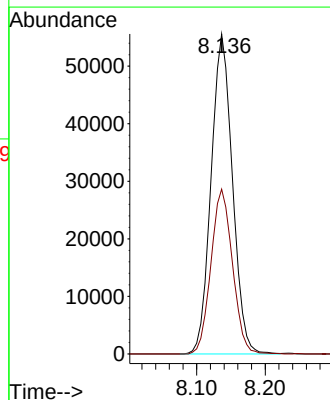
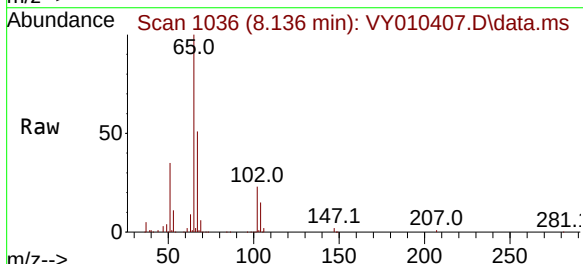
Instrument :
MSVOA_Y
ClientSampleId :
72-11939

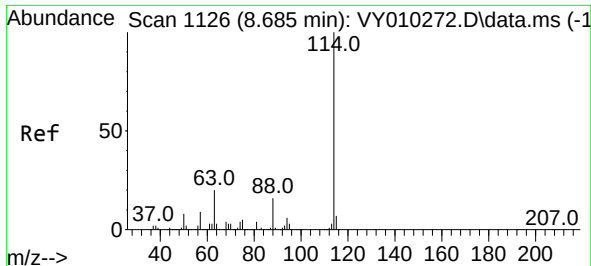
Tgt Ion:168 Resp: 276680
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 42.384 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010407.D
Acq: 08 Sep 2022 19:42

Tgt Ion: 65 Resp: 120244
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4

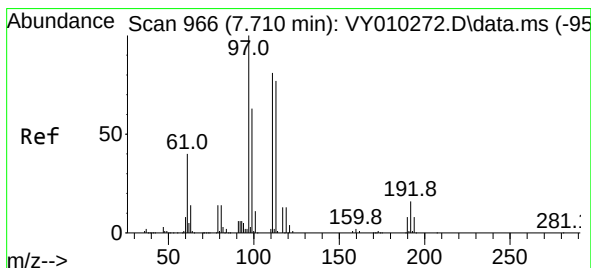
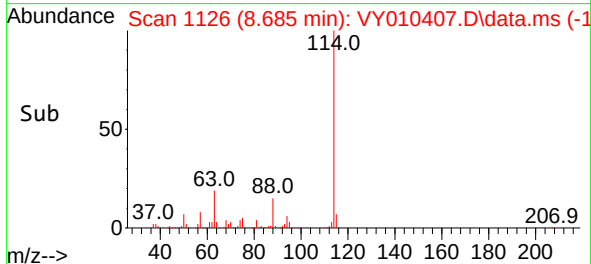
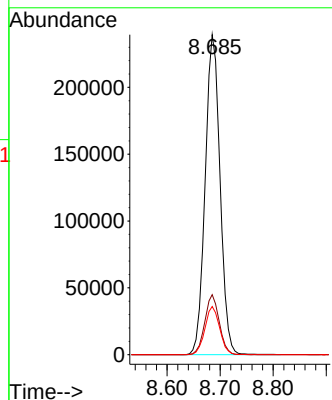
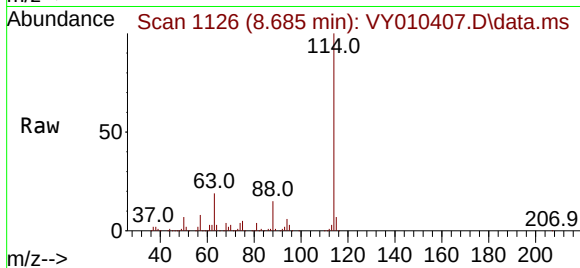




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010407.D
Acq: 08 Sep 2022 19:42

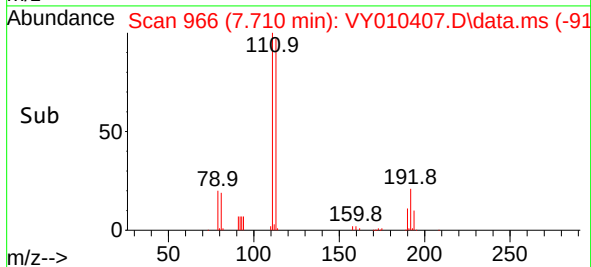
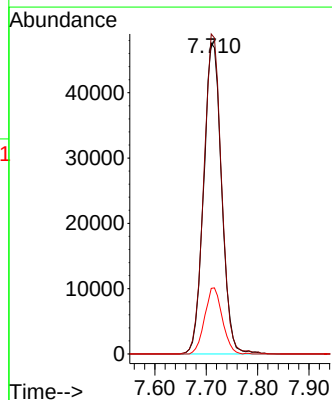
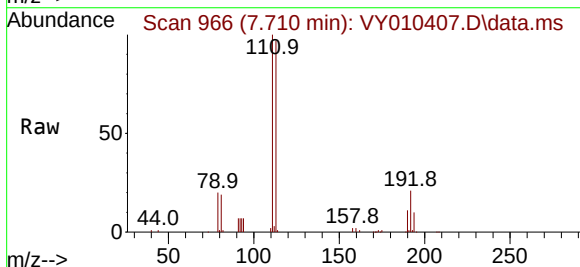
Instrument :
MSVOA_Y
ClientSampleId :
72-11939

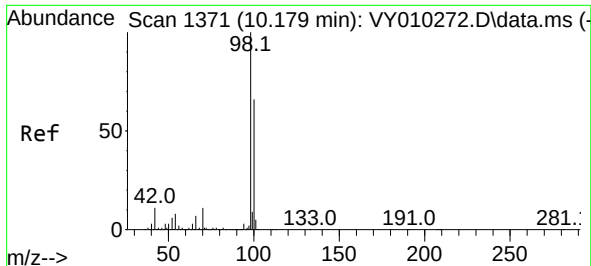
Tgt Ion:114 Resp: 465779
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 37.076 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010407.D
Acq: 08 Sep 2022 19:42

Tgt Ion:113 Resp: 114964
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.9 17.6 26.4

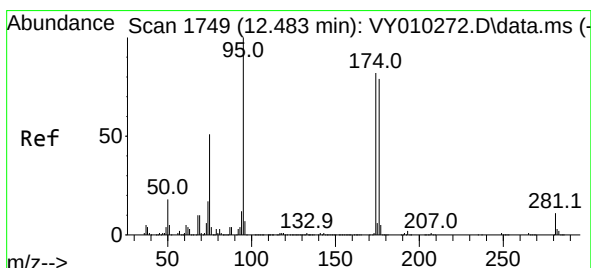
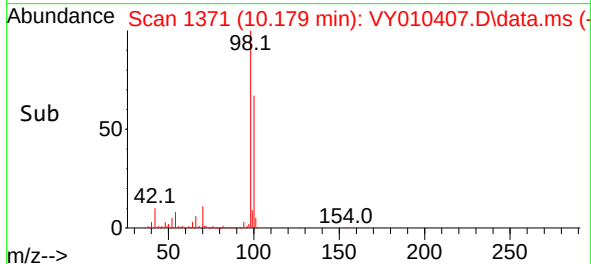
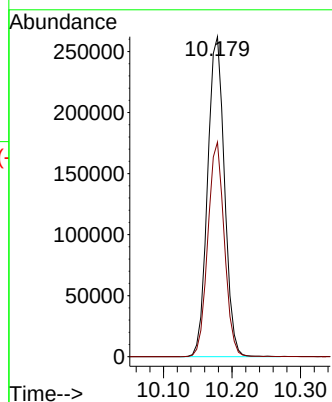
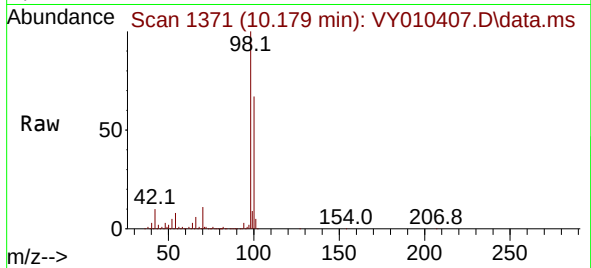




#50
Toluene-d8
Concen: 43.230 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010407.D
Acq: 08 Sep 2022 19:42

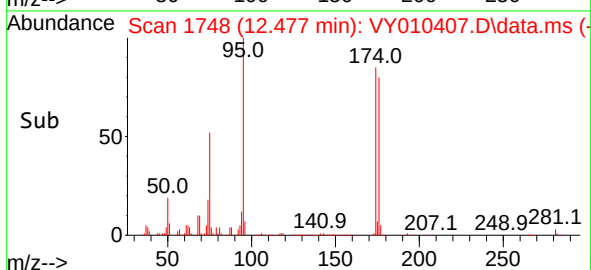
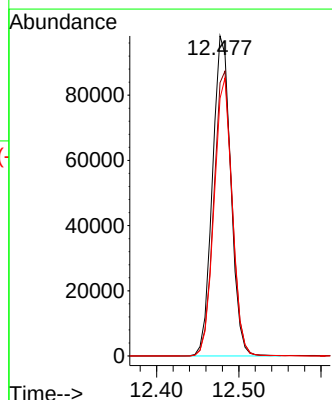
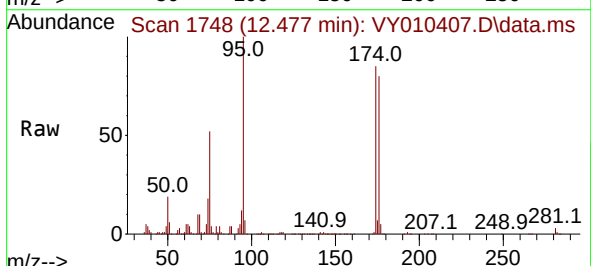
Instrument :
MSVOA_Y
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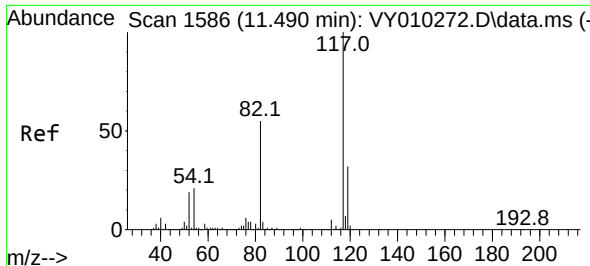
Tgt Ion: 98 Resp: 448785
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.649 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010407.D
Acq: 08 Sep 2022 19:42

Tgt Ion: 95 Resp: 152113
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 85.9 0.0 175.8

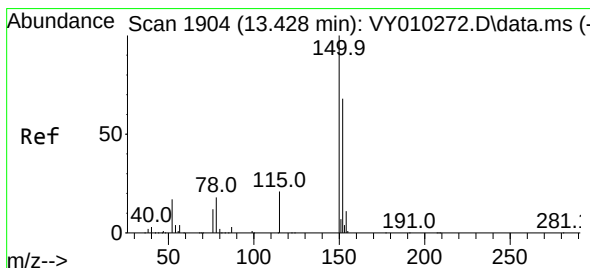
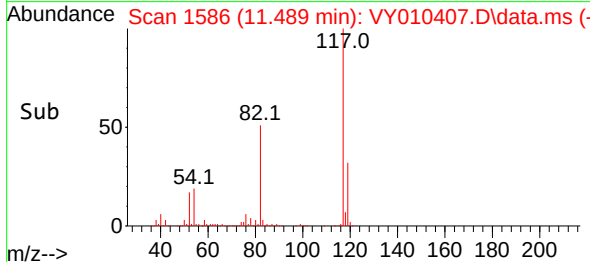
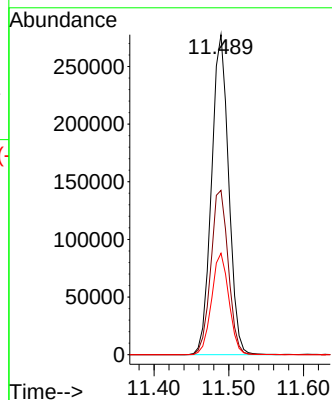
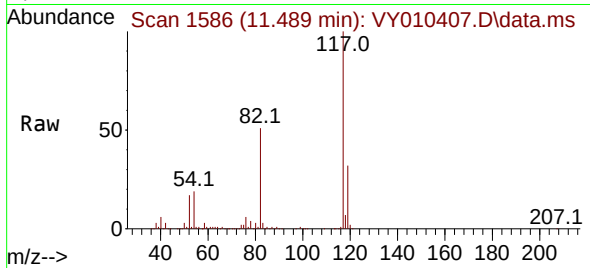




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010407.D
Acq: 08 Sep 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :
72-11939

Tgt Ion:117 Resp: 441882
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010407.D
Acq: 08 Sep 2022 19:42

Tgt Ion:152 Resp: 211875
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 156.9 0.0 347.6

