

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010840.D
 Acq On : 06 Oct 2022 13:29
 Operator : KP/MD
 Sample : N5020-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-5-100522

Quant Time: Oct 07 02:28:51 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	69746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	113151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42025	59.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.880%
35) Dibromofluoromethane	7.716	113	43850	58.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.760%
50) Toluene-d8	10.179	98	124640	48.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.477	95	44033	43.391	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.780%

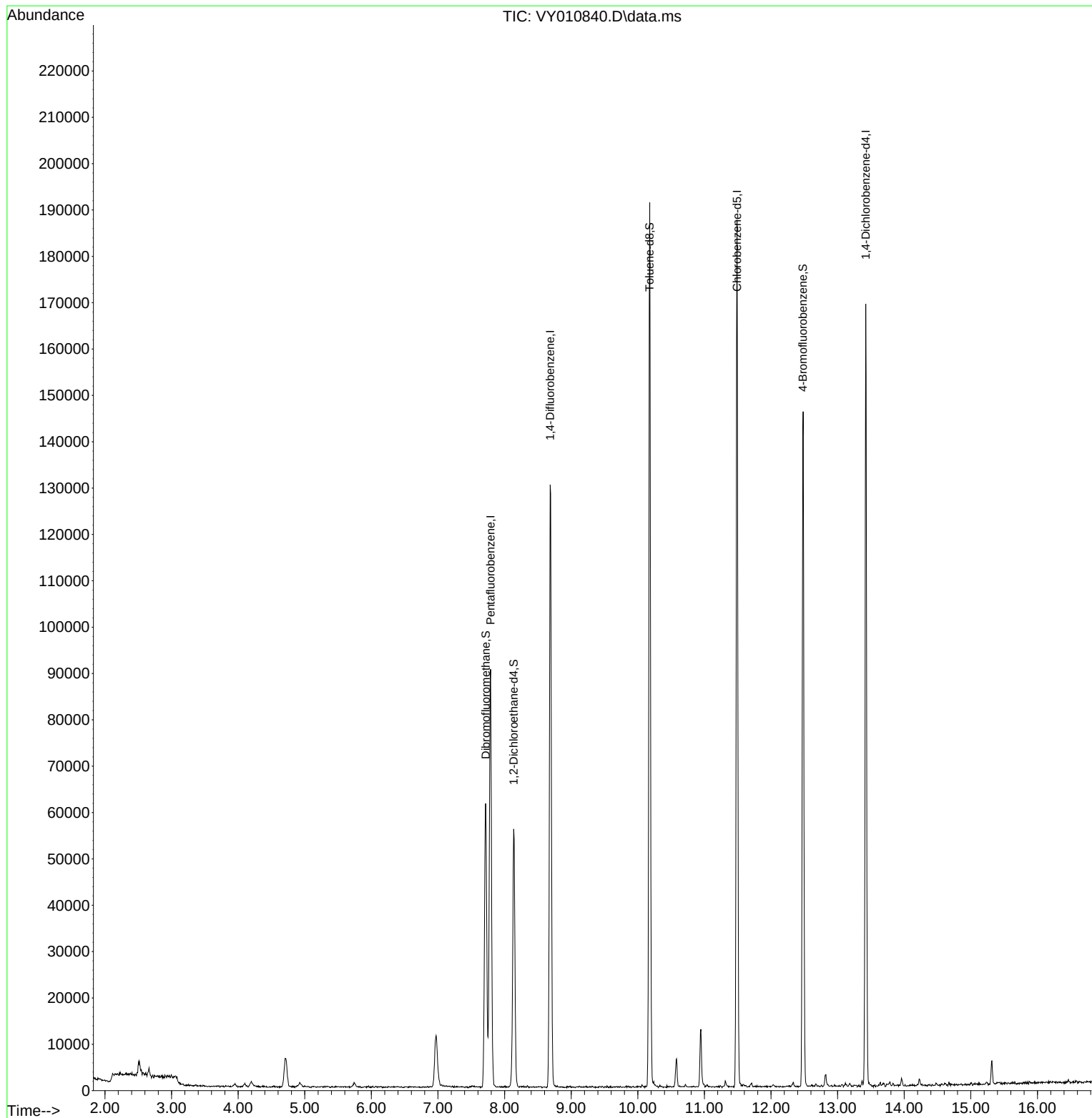
Target Compounds	Qvalue

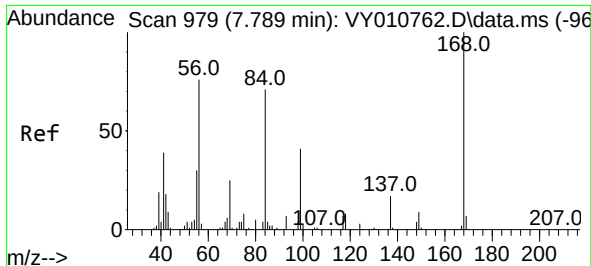
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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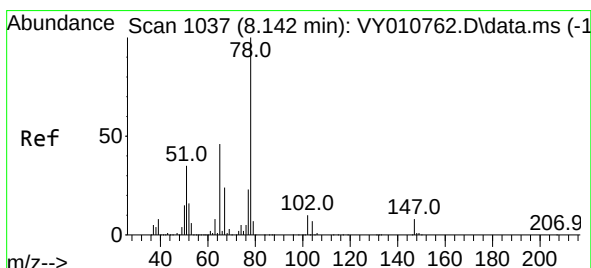
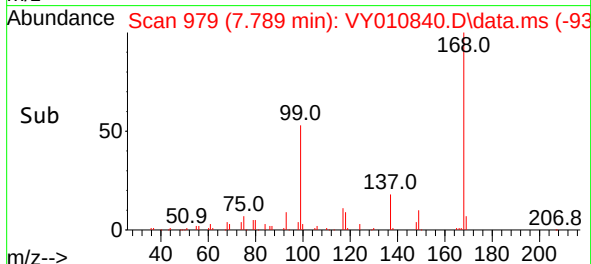
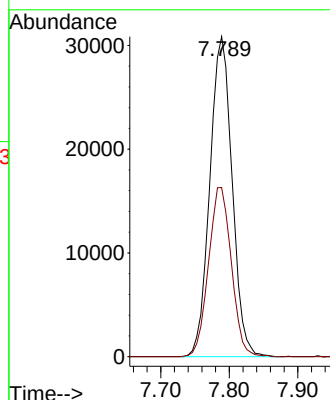
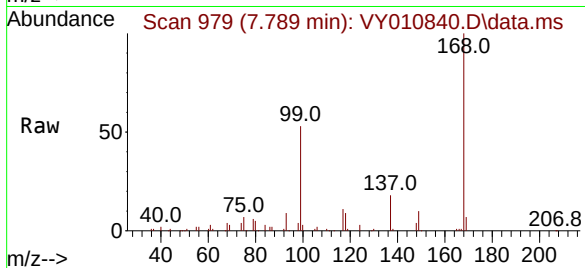




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

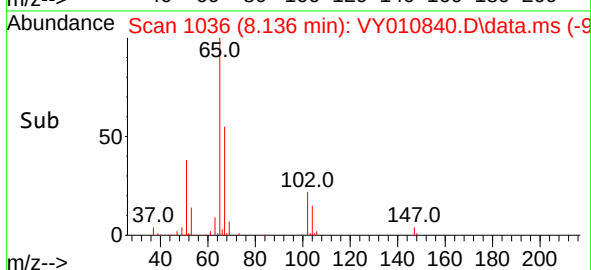
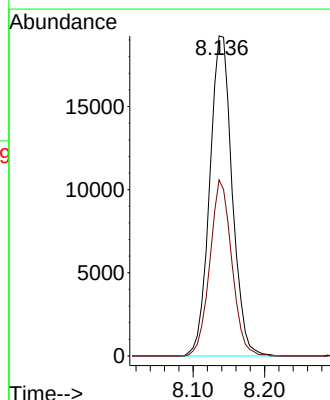
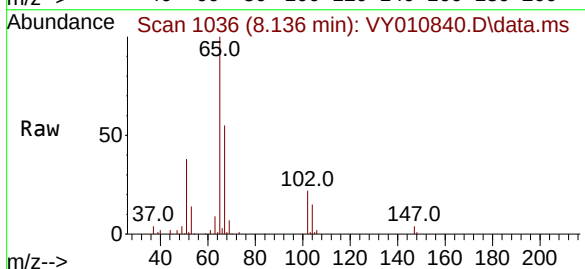
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-100522

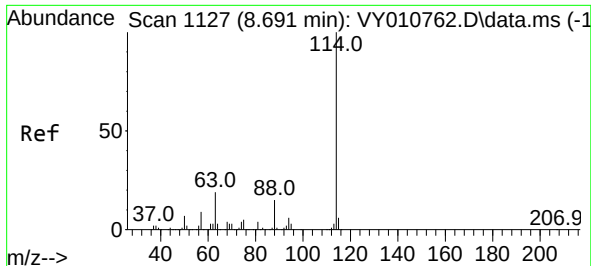
Tgt Ion:168 Resp: 69746
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.444 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion: 65 Resp: 42025
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4

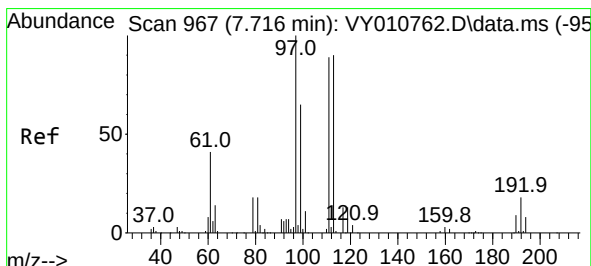
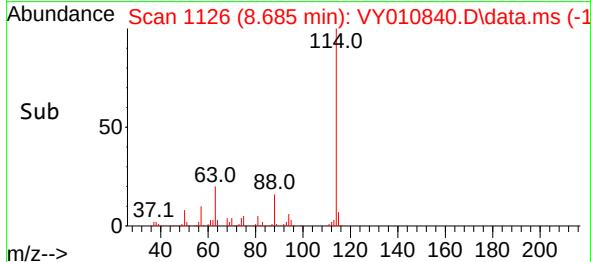
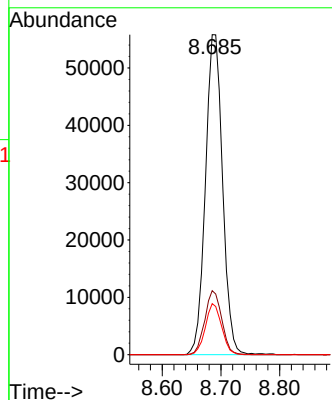
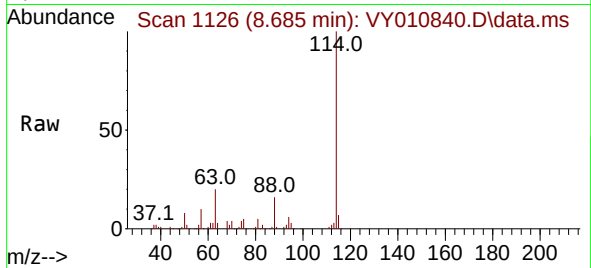




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

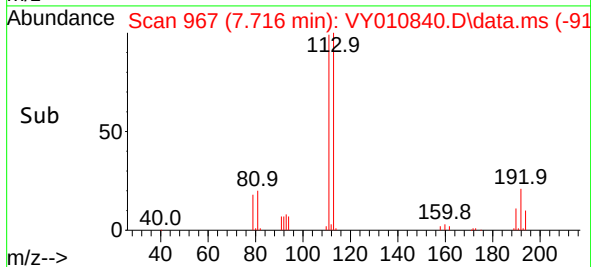
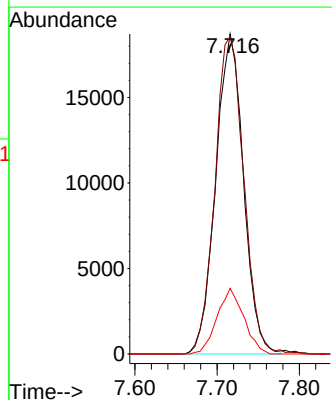
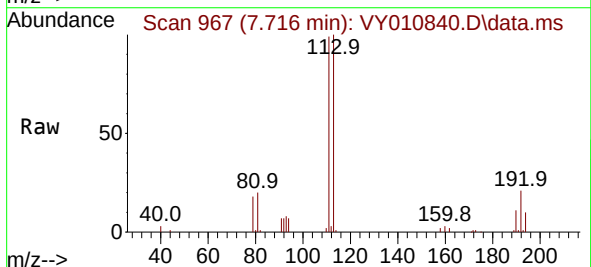
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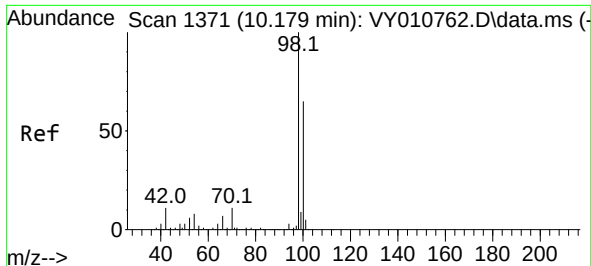
Tgt Ion:114 Resp: 113151
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 58.381 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion:113 Resp: 43850
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.7 17.6 26.4

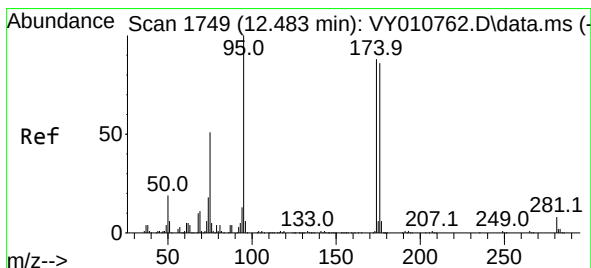
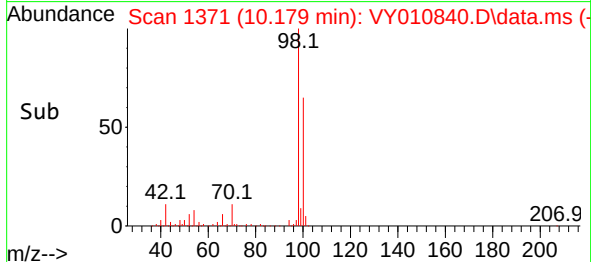
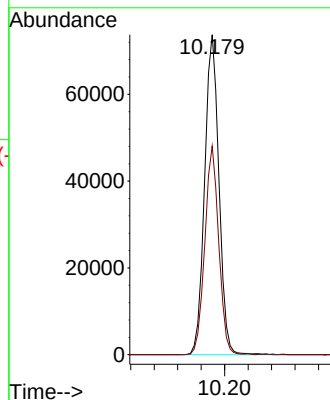
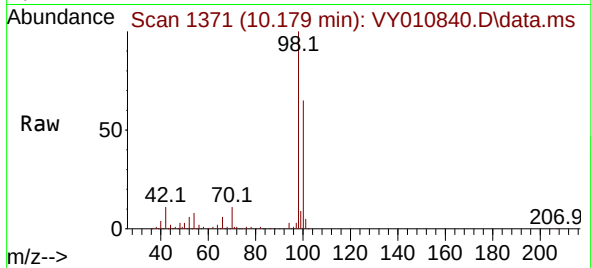




#50
Toluene-d8
Concen: 48.523 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

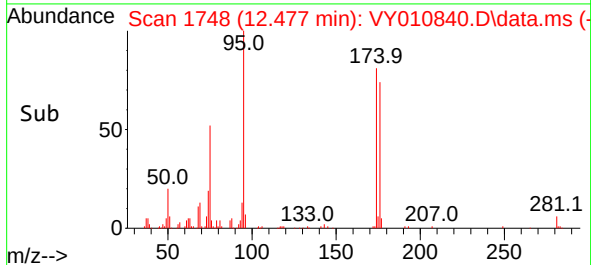
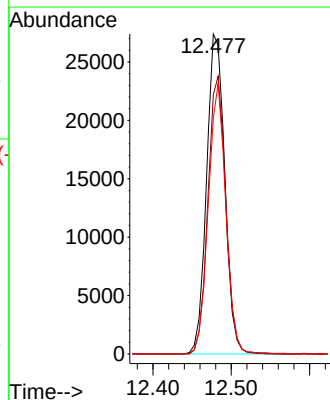
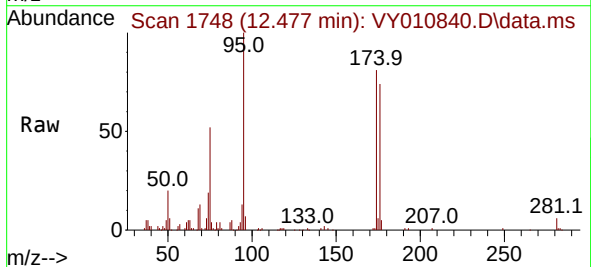
Instrument :
MSVOA_Y
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TR-5-100522

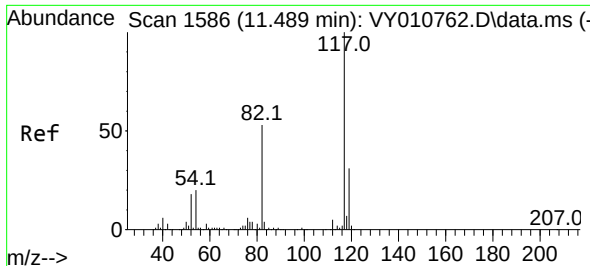
Tgt Ion: 98 Resp: 124640
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.391 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion: 95 Resp: 44033
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.4 0.0 175.8

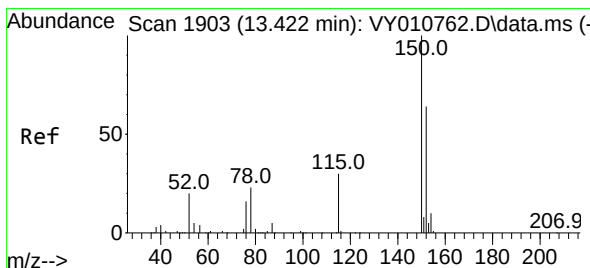
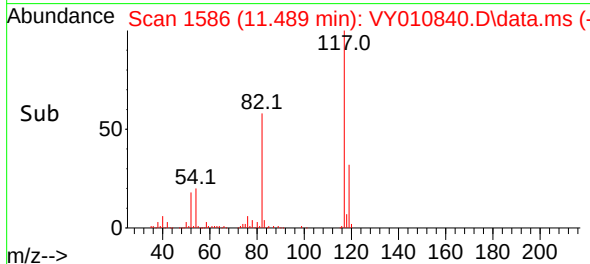
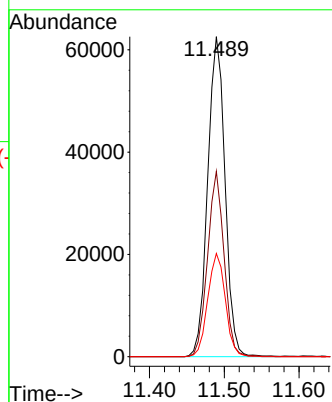
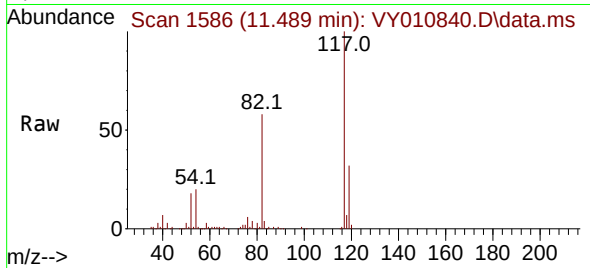




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Instrument :
MSVOA_Y
ClientSampleId :
TR-5-100522

Tgt Ion:117 Resp: 100831
Ion Ratio Lower Upper
117 100
82 57.9 43.0 64.4
119 32.2 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: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion:152 Resp: 42645
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 157.1 0.0 347.6

