

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010942.D
 Acq On : 12 Oct 2022 15:18
 Operator : KP/MD
 Sample : N5105-07
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4

Quant Time: Oct 13 05:35:21 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	94098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	118303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	70595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	21818	22.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.740%#
35) Dibromofluoromethane	7.716	113	24646	31.384	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.760%
50) Toluene-d8	10.179	98	149536	55.680	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.360%
62) 4-Bromofluorobenzene	12.483	95	23718	20.429	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.860%

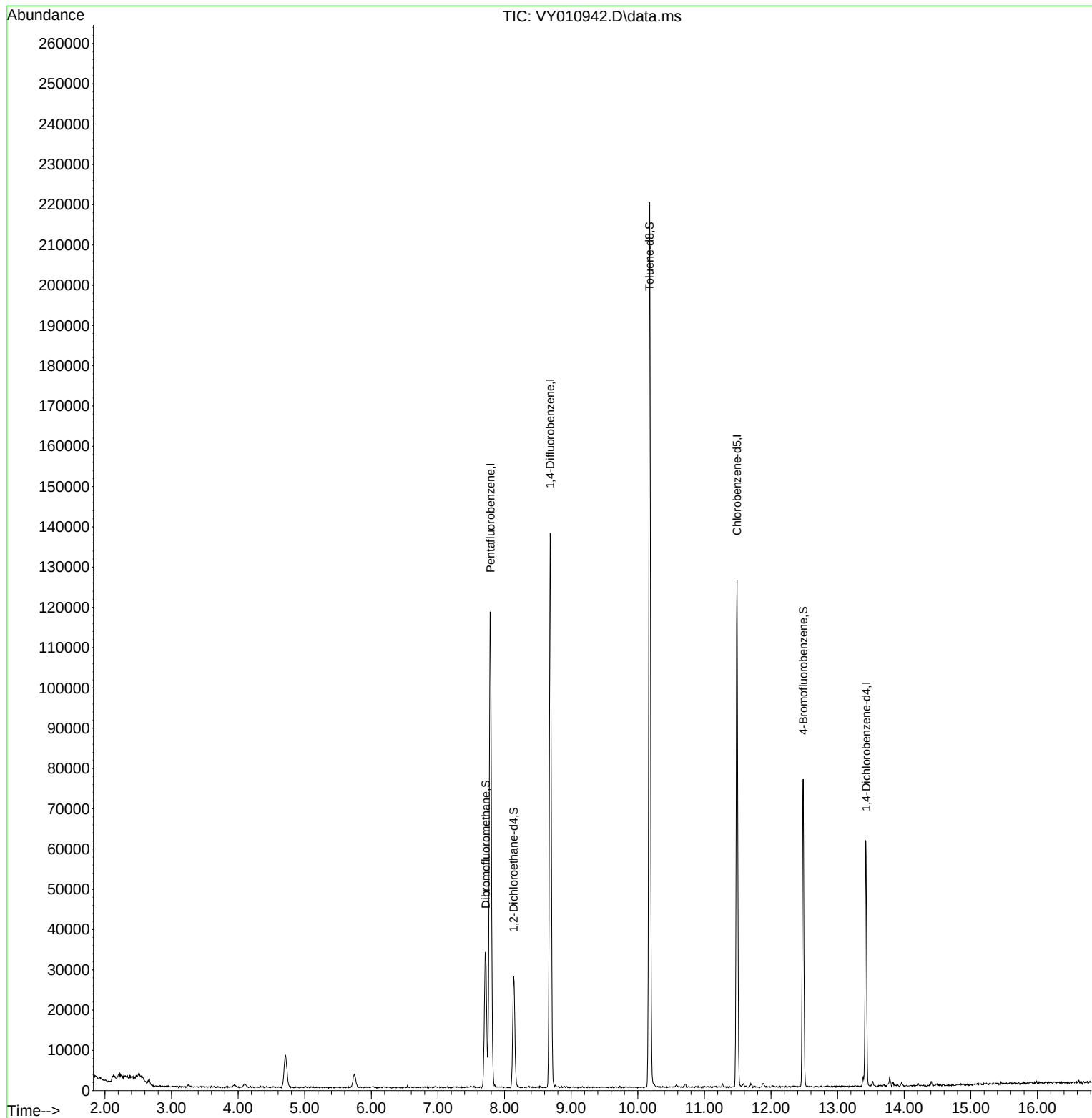
Target Compounds	Qvalue

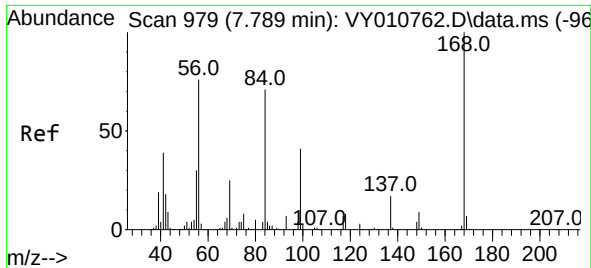
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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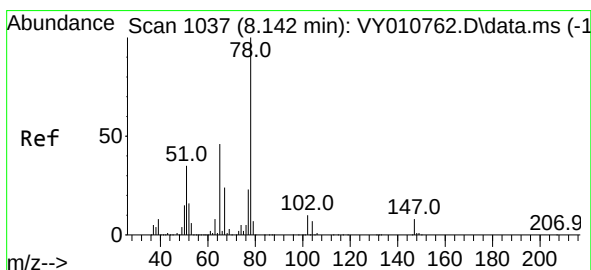
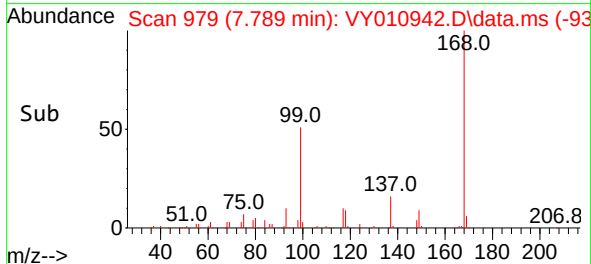
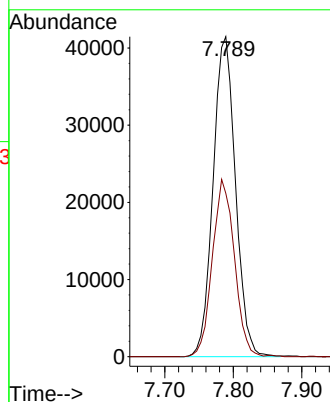
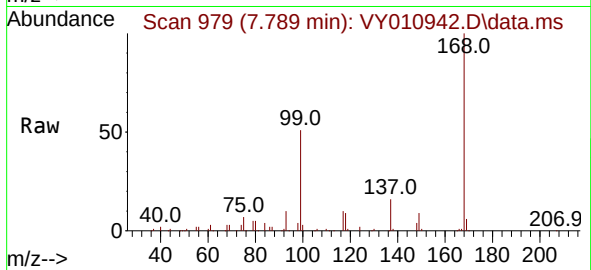




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

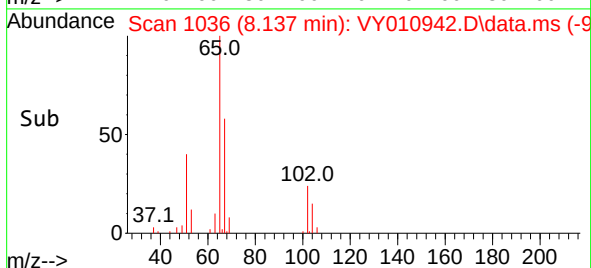
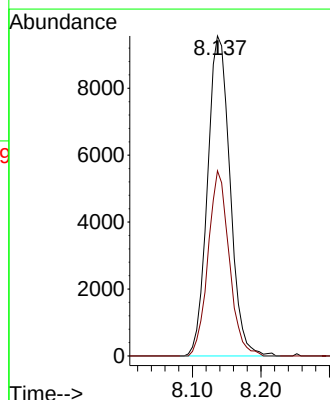
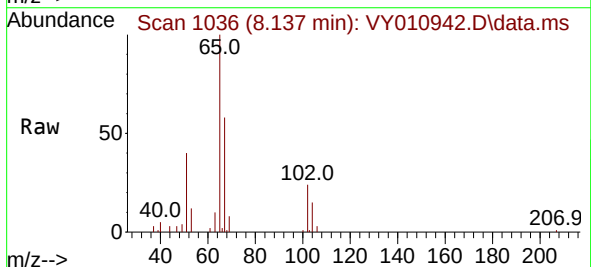
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

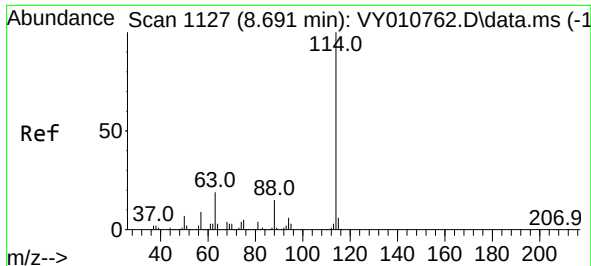
Tgt Ion:168 Resp: 94098
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 22.875 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion: 65 Resp: 21818
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4

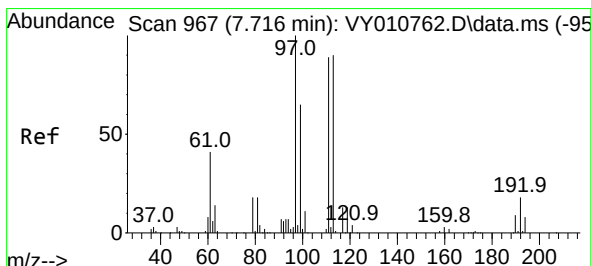
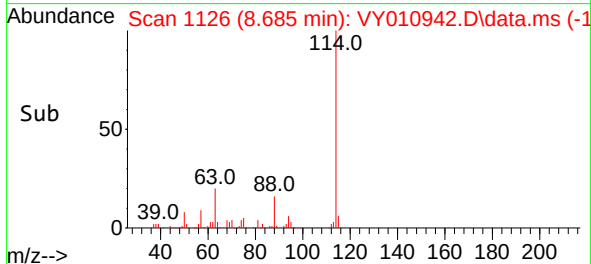
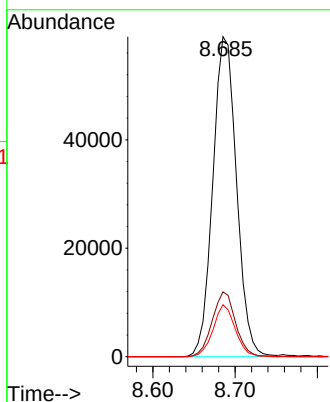
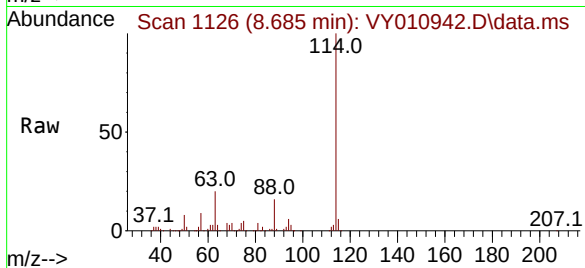




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

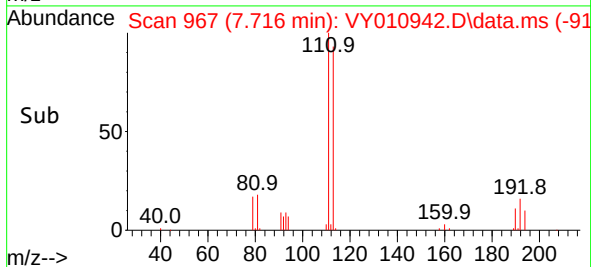
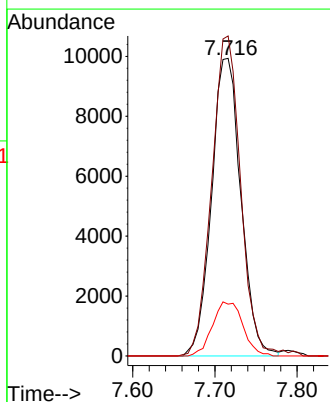
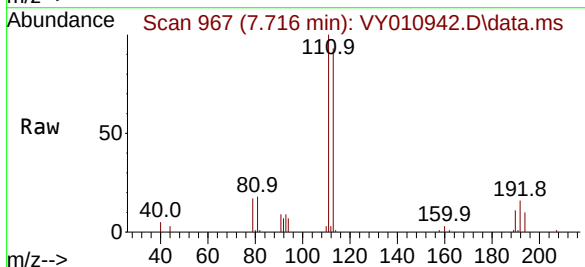
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

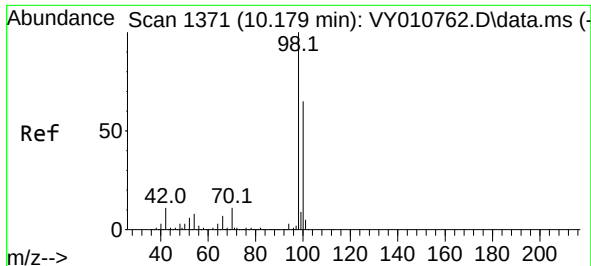
Tgt Ion:114 Resp: 118303
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 31.384 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion:113 Resp: 24646
Ion Ratio Lower Upper
113 100
111 106.2 82.6 124.0
192 18.8 17.6 26.4

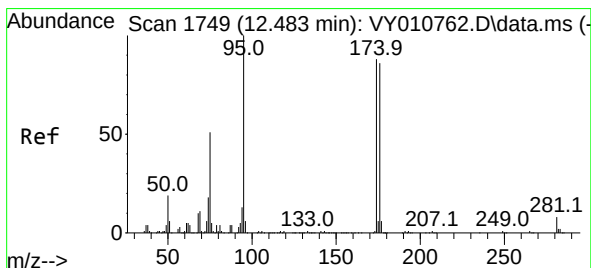
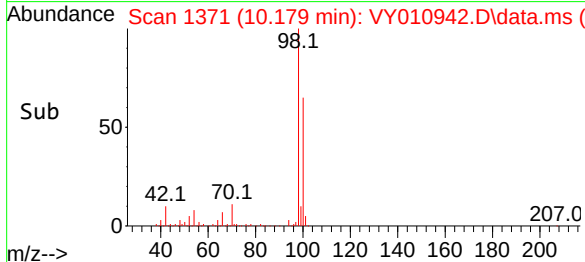
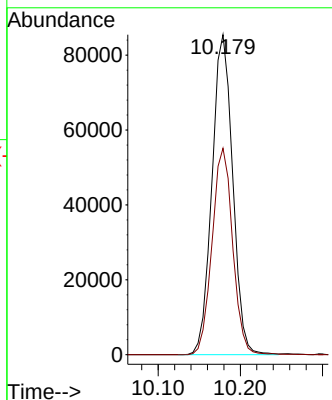
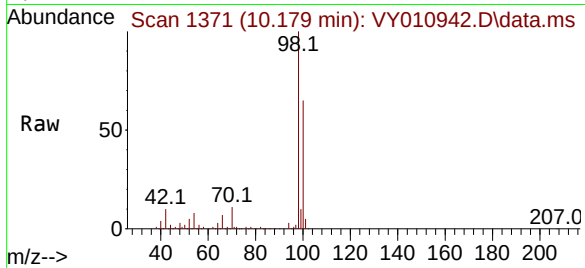




#50
Toluene-d8
Concen: 55.680 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

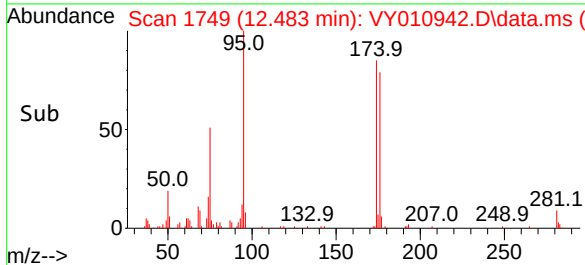
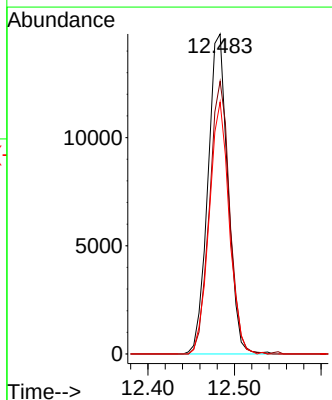
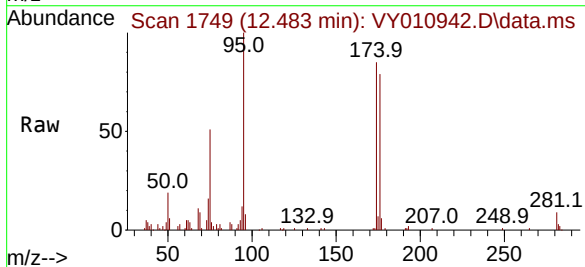
Instrument :
MSVOA_Y
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WC-4

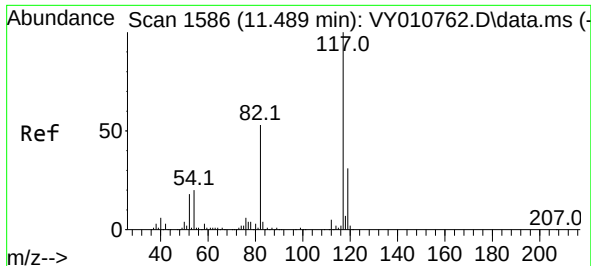
Tgt Ion: 98 Resp: 149536
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 20.429 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion: 95 Resp: 23718
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 79.0 0.0 175.8

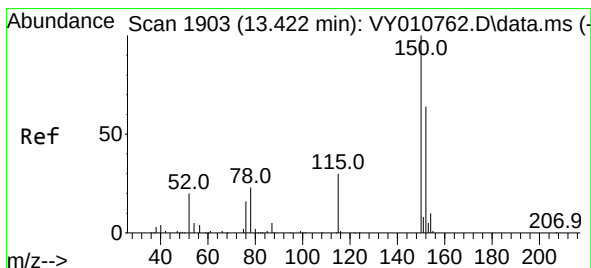
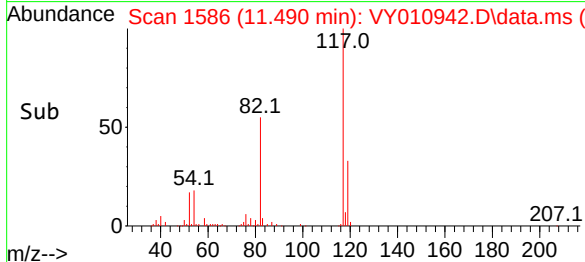
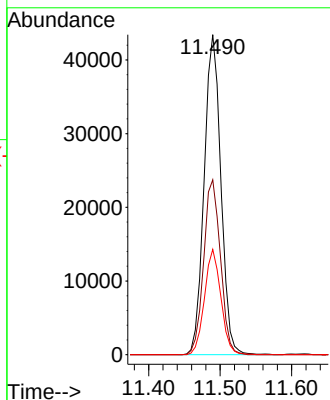
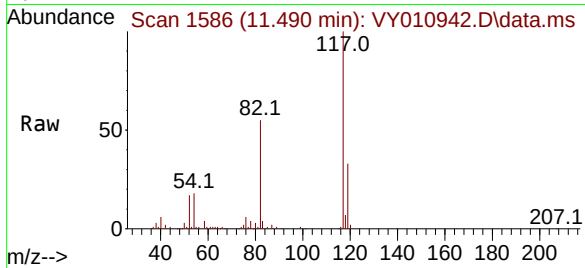




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
WC-4

Tgt Ion:117	Resp:	70595
Ion	Ratio	Lower Upper
117	100	
82	54.6	43.0 64.4
119	32.9	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: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion:152	Resp:	16041
Ion	Ratio	Lower Upper
152	100	
115	56.7	28.2 84.7
150	157.7	0.0 347.6

