

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011103.D
 Acq On : 25 Oct 2022 18:43
 Operator : KP/MD
 Sample : N5257-03RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOLLAND-RD-COMP-2RE

Quant Time: Oct 26 09:01:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	16906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	26866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	22339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7991	51.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.620%
35) Dibromofluoromethane	7.710	113	5506	36.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.340%
50) Toluene-d8	10.173	98	19902	35.478	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.960%
62) 4-Bromofluorobenzene	12.477	95	5399	25.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.360%

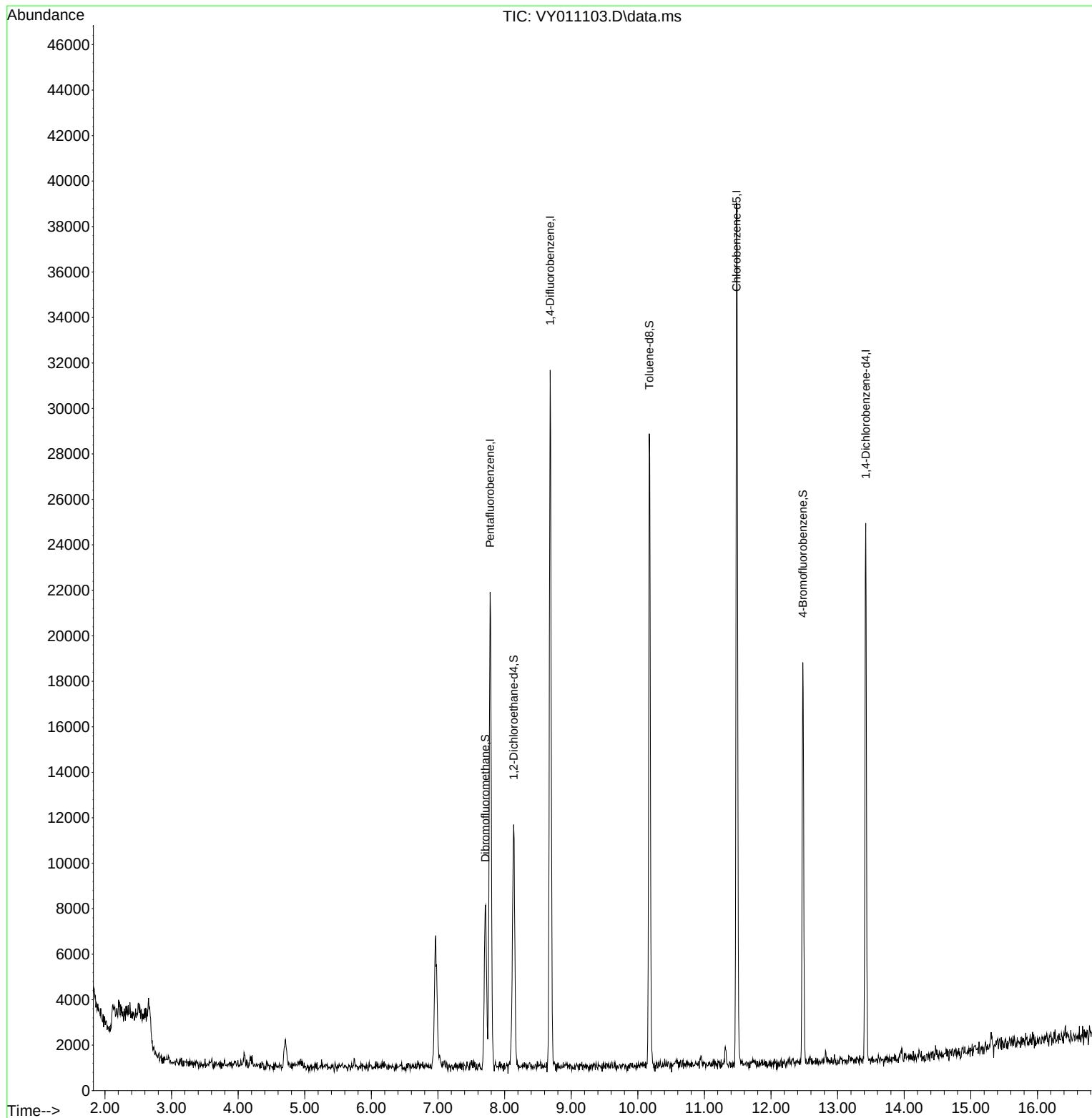
Target Compounds	Qvalue

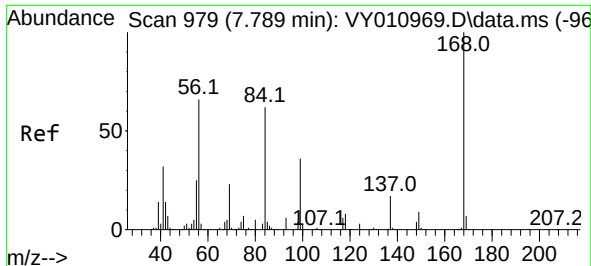
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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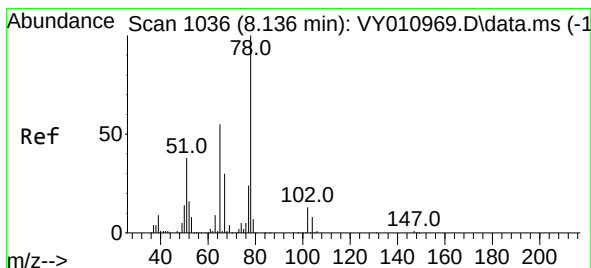
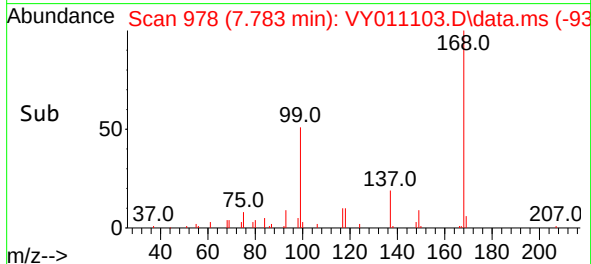
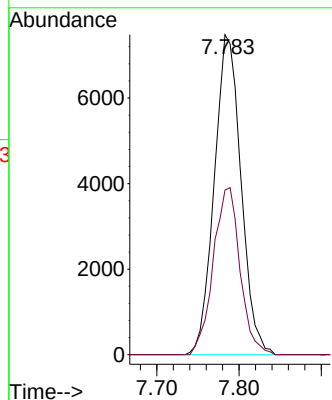
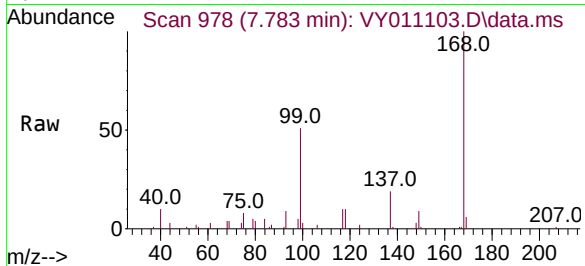




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011103.D
Acq: 25 Oct 2022 18:43

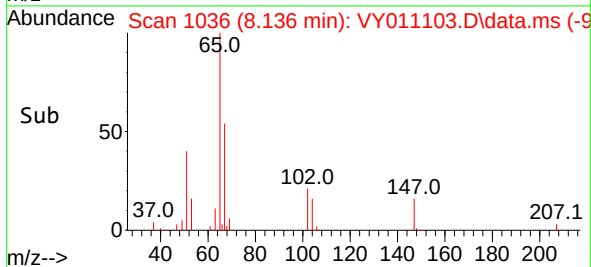
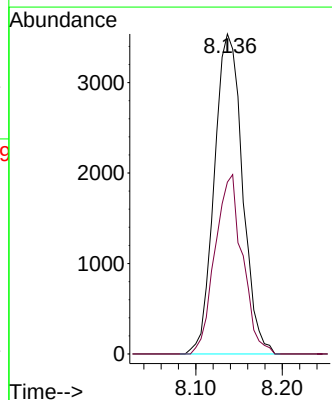
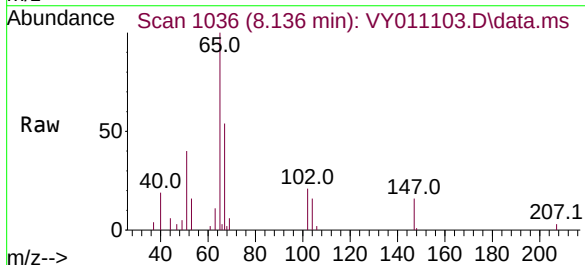
Instrument :
MSVOA_Y
ClientSampleId :
HOLLAND-RD-COMP-2RE

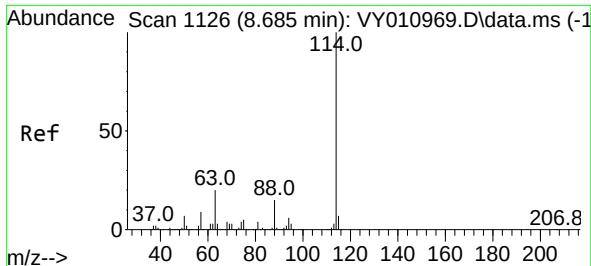
Tgt Ion:168 Resp: 16906
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.313 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011103.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 65 Resp: 7991
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4

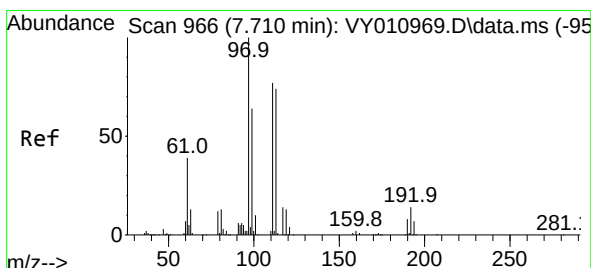
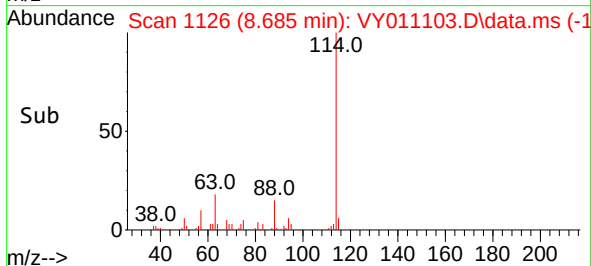
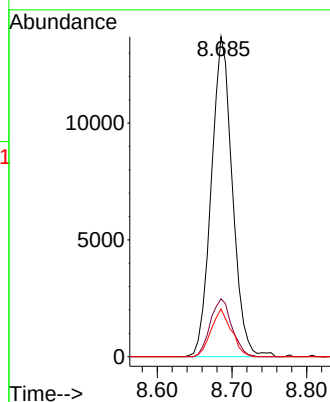
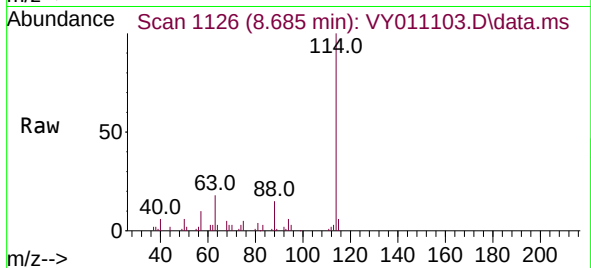




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011103.D
Acq: 25 Oct 2022 18:43

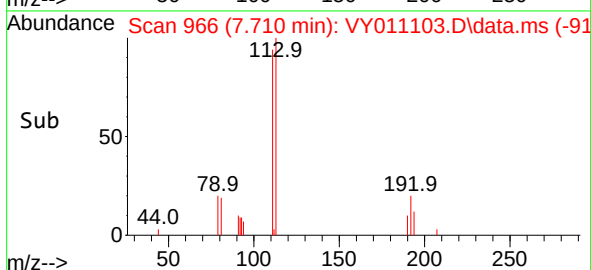
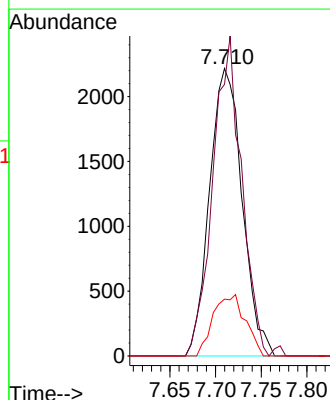
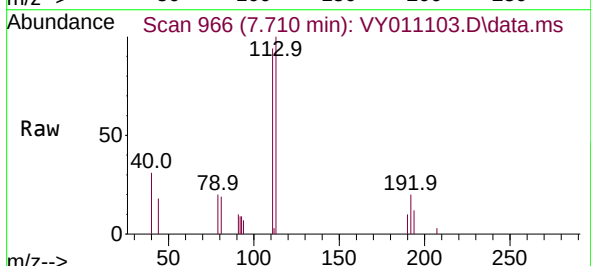
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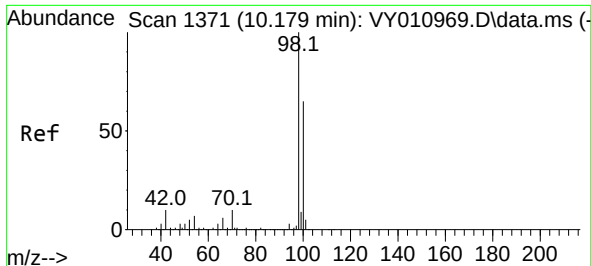
Tgt Ion:	114	Resp:	26866
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 36.170 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011103.D
Acq: 25 Oct 2022 18:43

Tgt Ion:	113	Resp:	5506
Ion Ratio	Lower	Upper	
113	100		
111	97.9	82.6	124.0
192	20.9	17.6	26.4

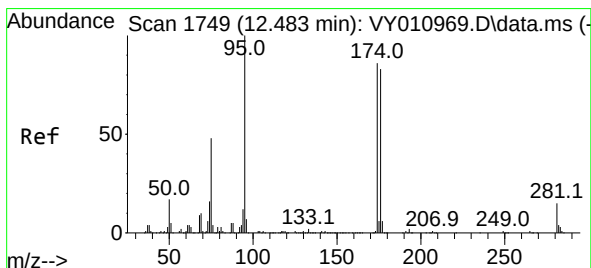
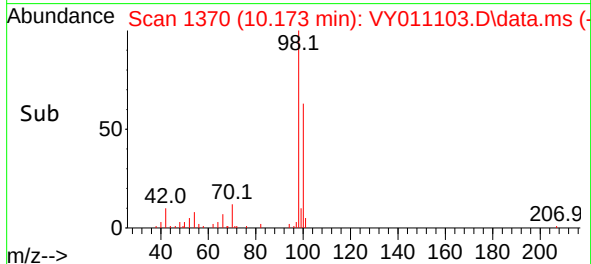
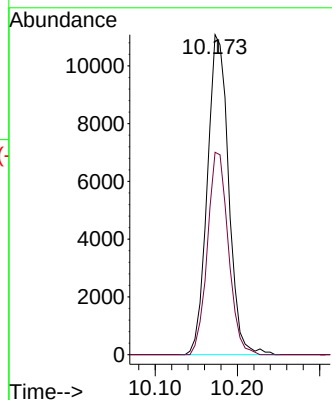
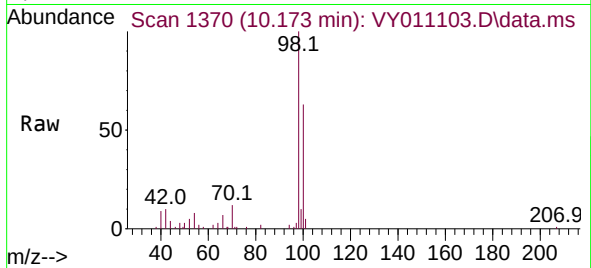




#50
Toluene-d8
Concen: 35.478 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011103.D
Acq: 25 Oct 2022 18:43

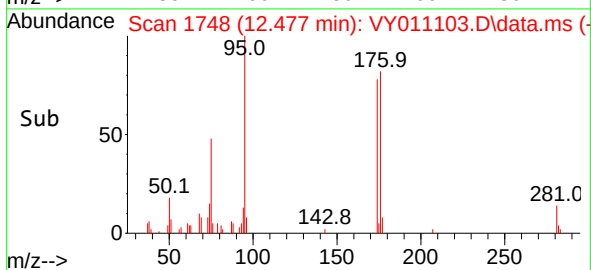
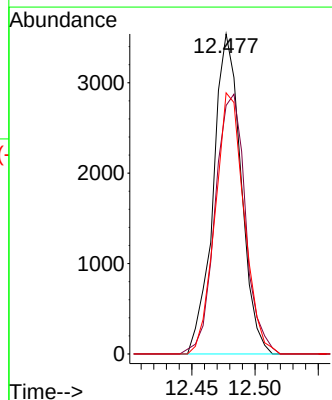
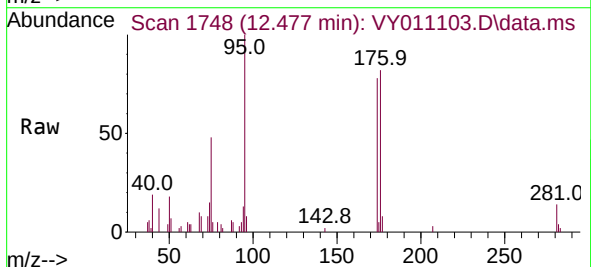
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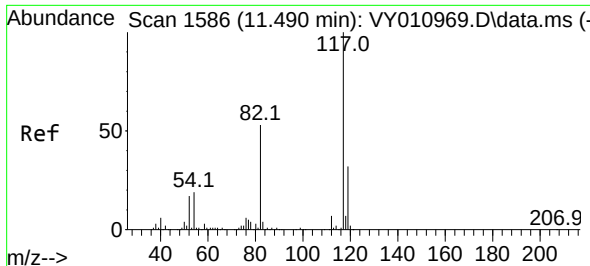
Tgt Ion: 98 Resp: 19902
Ion Ratio Lower Upper
98 100
100 62.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 25.676 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011103.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 95 Resp: 5399
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 85.1 0.0 175.8

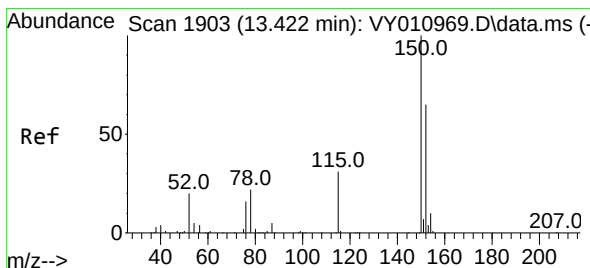
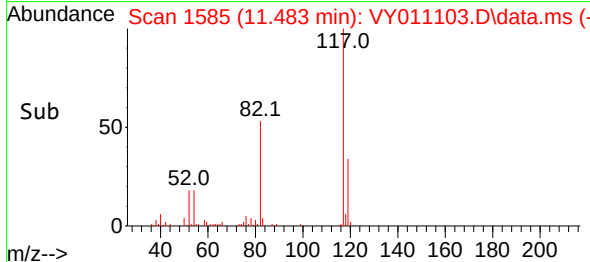
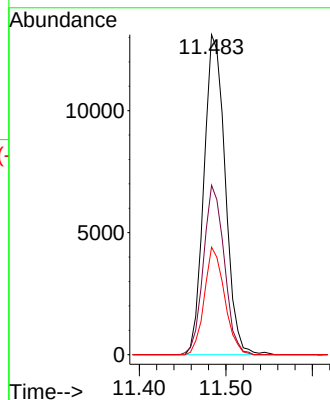
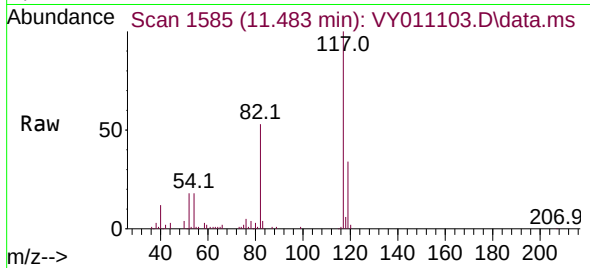




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011103.D
Acq: 25 Oct 2022 18:43

Instrument :
MSVOA_Y
ClientSampleId :
HOLLAND-RD-COMP-2RE

Tgt Ion:117	Resp:	22339
Ion	Ratio	Lower Upper
117	100	
82	53.0	43.0 64.4
119	33.6	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: VY011103.D
Acq: 25 Oct 2022 18:43

Tgt Ion:152	Resp:	6782
Ion	Ratio	Lower Upper
152	100	
115	59.1	28.2 84.7
150	152.8	0.0 347.6

