

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011110.D
 Acq On : 26 Oct 2022 12:56
 Operator : KP/MD
 Sample : N5257-05RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOLLAND-RD-COMP-3RE

Quant Time: Oct 26 14:17:08 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	334914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	590549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	474214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160788	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125836	40.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.580%
35) Dibromofluoromethane	7.716	113	136271	41.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.020%
50) Toluene-d8	10.179	98	416587	33.785	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	67.560%
62) 4-Bromofluorobenzene	12.477	95	128232	28.007	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.020%

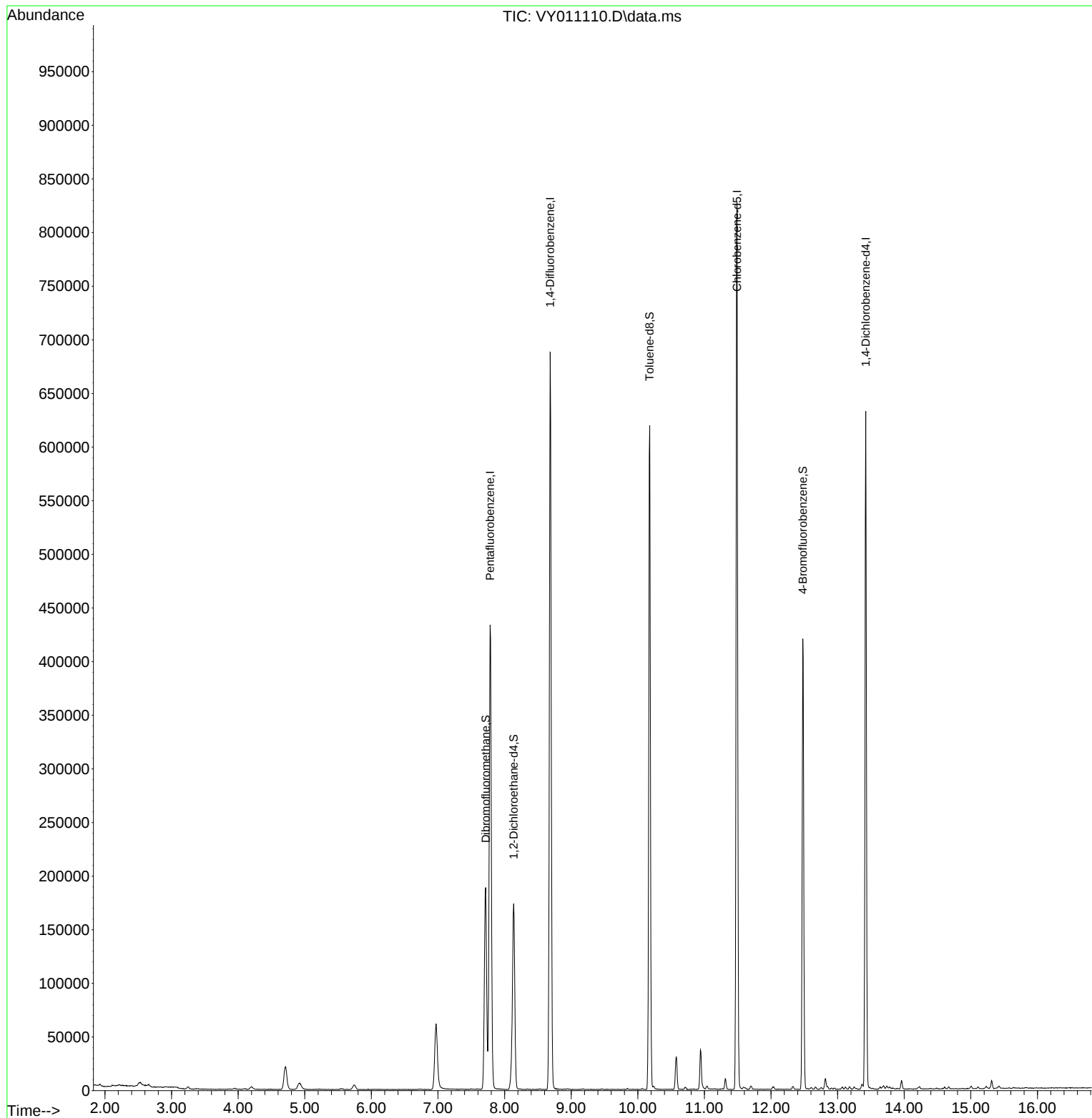
Target Compounds	Qvalue

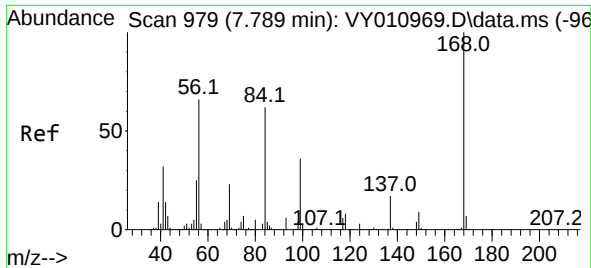
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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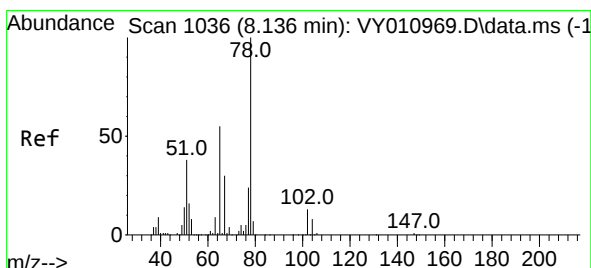
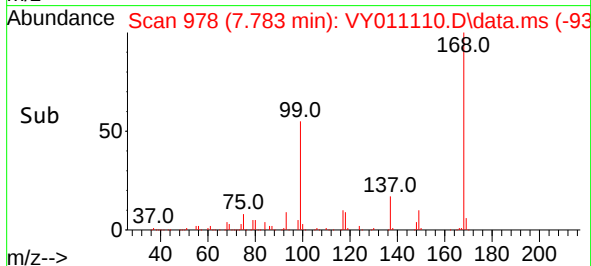
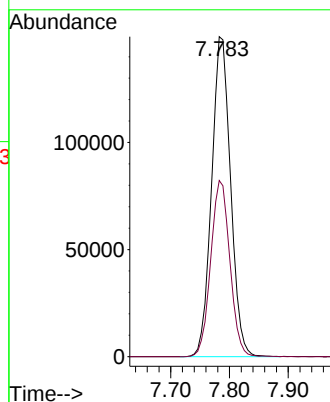
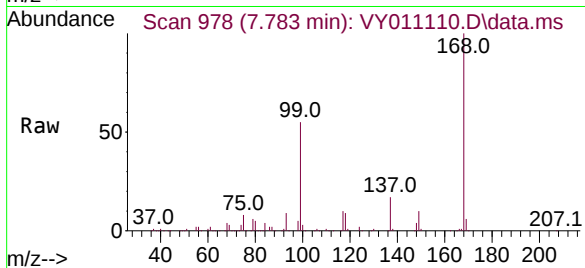




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011110.D
Acq: 26 Oct 2022 12:56

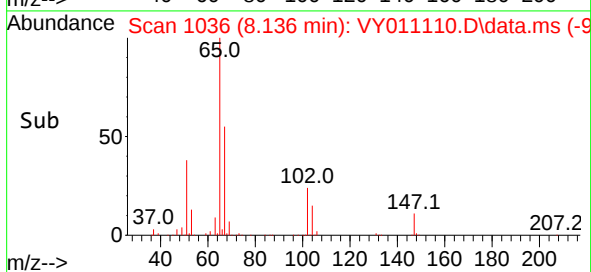
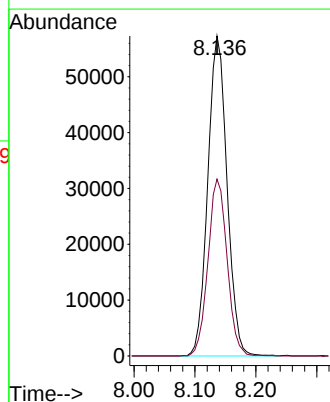
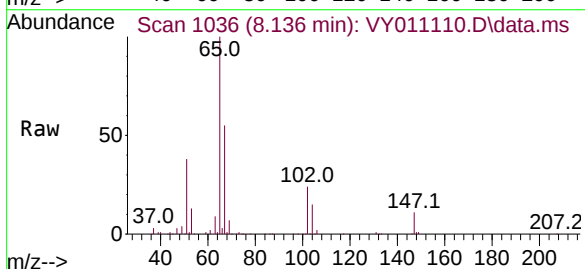
Instrument :
MSVOA_Y
ClientSampleId :
HOLLAND-RD-COMP-3RE

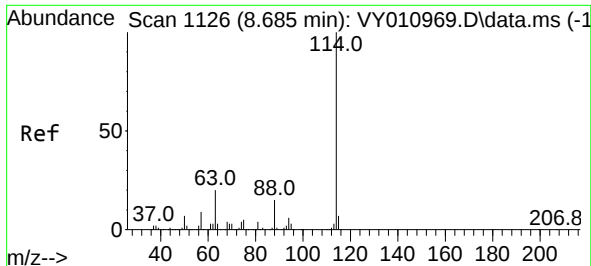
Tgt Ion:168 Resp: 334914
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 40.789 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011110.D
Acq: 26 Oct 2022 12:56

Tgt Ion: 65 Resp: 125836
Ion Ratio Lower Upper
65 100
67 55.0 0.0 99.4

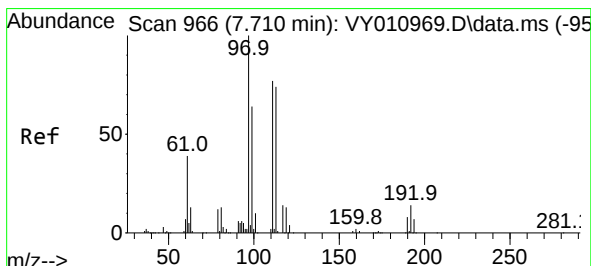
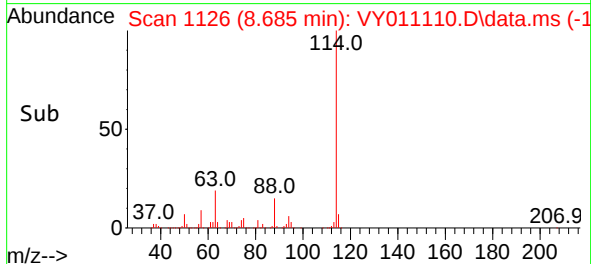
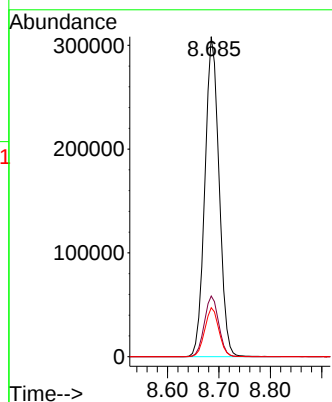
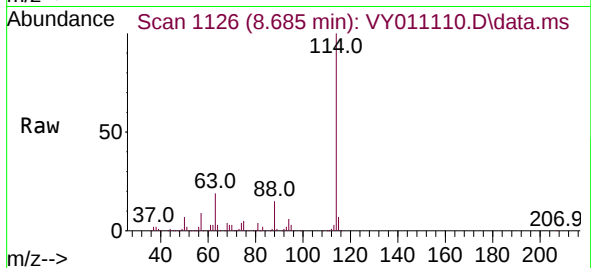




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011110.D
Acq: 26 Oct 2022 12:56

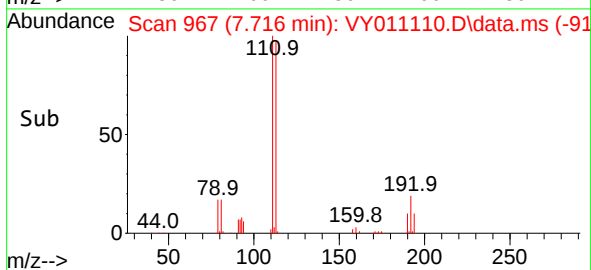
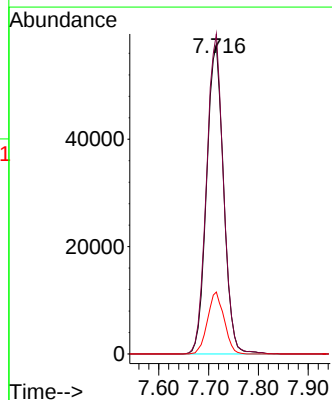
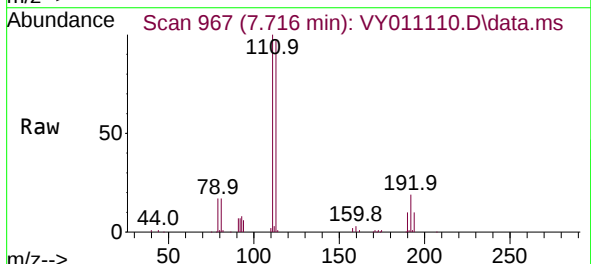
Instrument :
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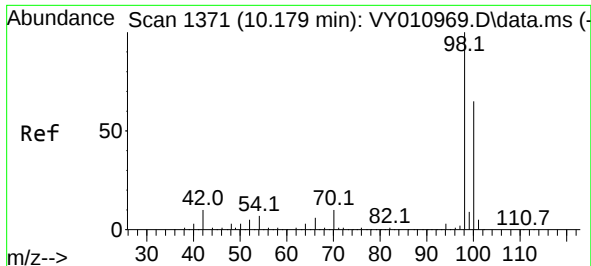
Tgt Ion:114 Resp: 590549
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 41.009 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011110.D
Acq: 26 Oct 2022 12:56

Tgt Ion:113 Resp: 136271
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.5 17.6 26.4

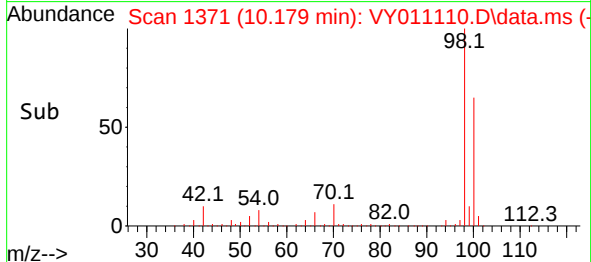
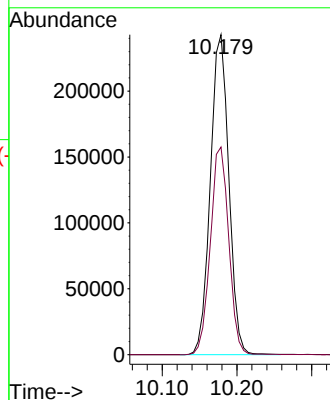
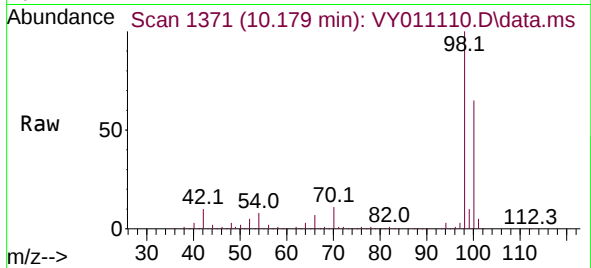




#50
Toluene-d8
Concen: 33.785 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011110.D
Acq: 26 Oct 2022 12:56

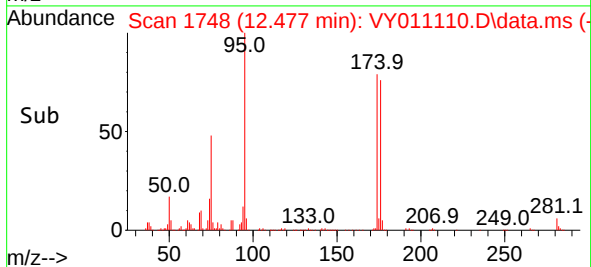
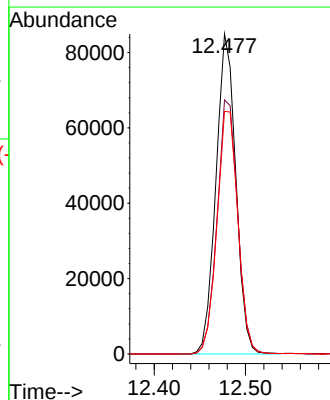
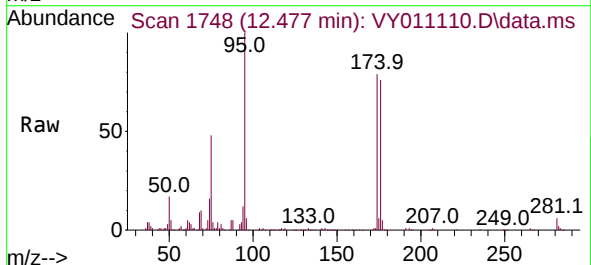
Instrument :
MSVOA_Y
ClientSampleId :
HOLLAND-RD-COMP-3RE

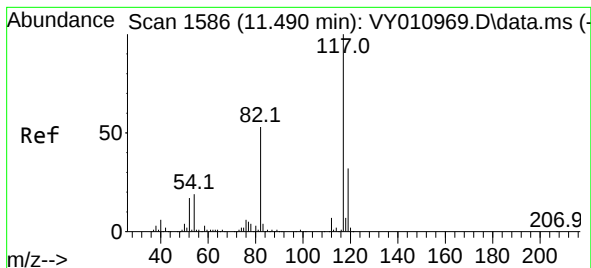
Tgt Ion: 98 Resp: 416587
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.007 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011110.D
Acq: 26 Oct 2022 12:56

Tgt Ion: 95 Resp: 128232
Ion Ratio Lower Upper
95 100
174 82.1 0.0 177.0
176 80.1 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: VY011110.D

Acq: 26 Oct 2022 12:56

Instrument :

MSVOA_Y

ClientSampleId :

HOLLAND-RD-COMP-3RE

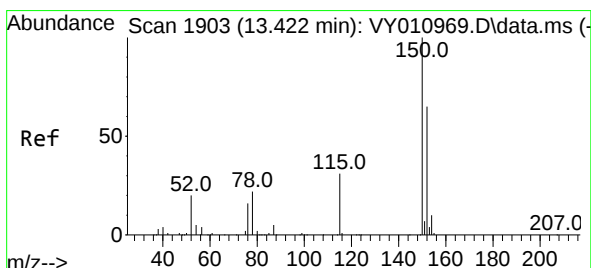
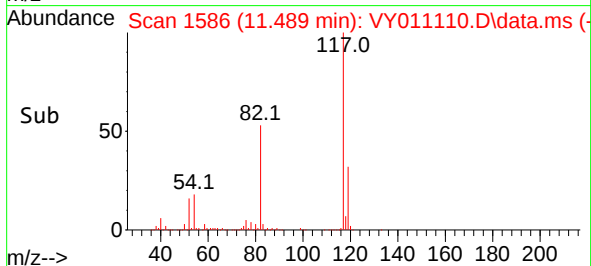
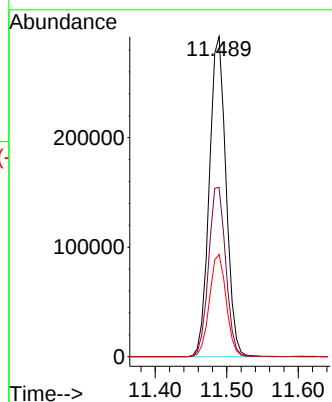
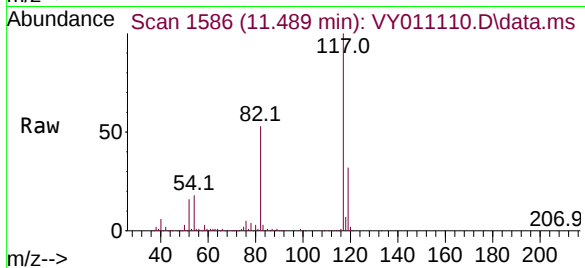
Tgt Ion:117 Resp: 474214

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 31.9 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: VY011110.D

Acq: 26 Oct 2022 12:56

Tgt Ion:152 Resp: 160788

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 156.1 0.0 347.6

