

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011120.D
 Acq On : 26 Oct 2022 16:43
 Operator : KP/MD
 Sample : N5281-09
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9

Quant Time: Oct 27 04:39:58 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	318954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	566657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	502488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126846	43.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.340%
35) Dibromofluoromethane	7.710	113	133987	42.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.160%
50) Toluene-d8	10.179	98	426666	36.061	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	72.120%
62) 4-Bromofluorobenzene	12.477	95	154003	35.877	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.760%

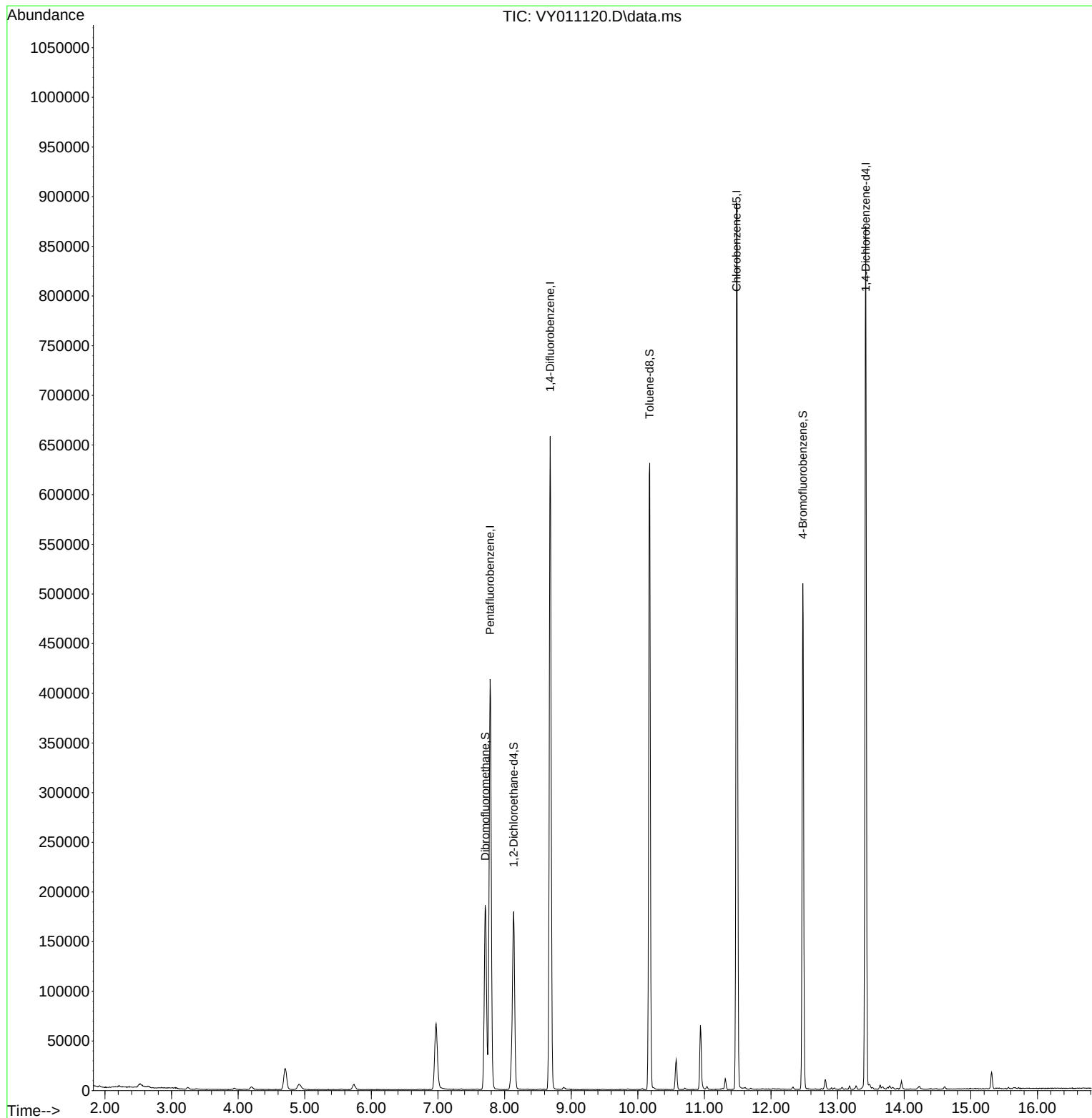
Target Compounds	Qvalue

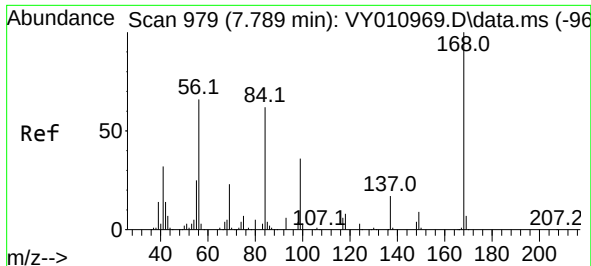
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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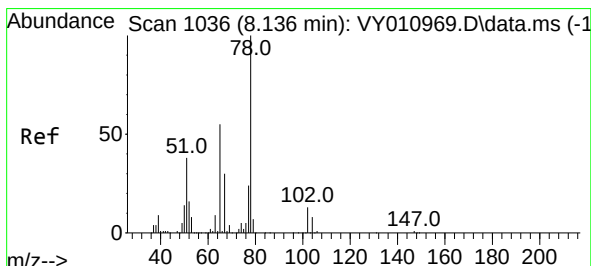
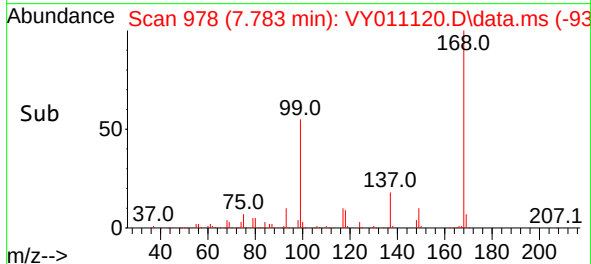
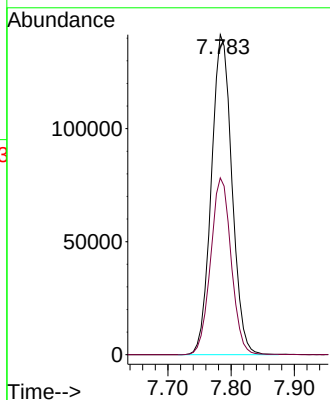
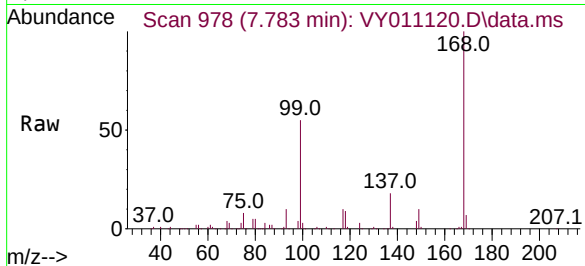




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011120.D
Acq: 26 Oct 2022 16:43

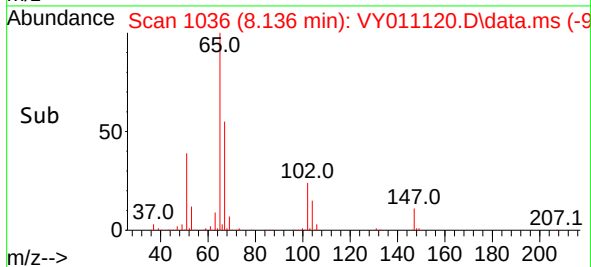
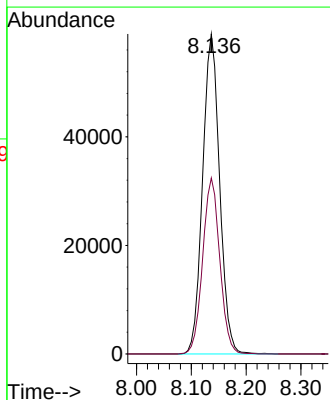
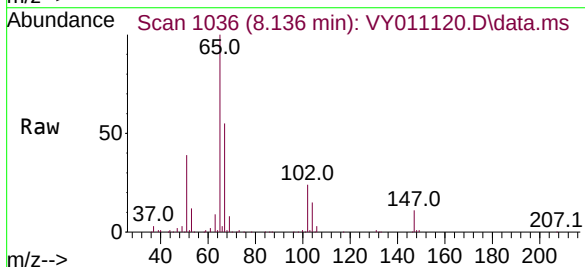
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

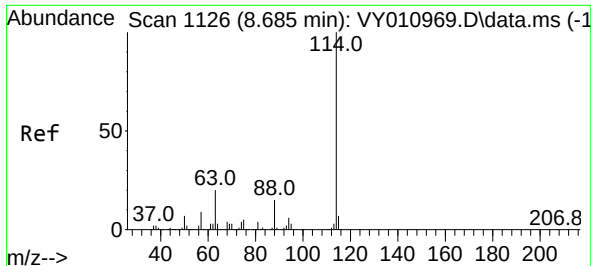
Tgt Ion:168 Resp: 318954
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 43.174 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011120.D
Acq: 26 Oct 2022 16:43

Tgt Ion: 65 Resp: 126846
Ion Ratio Lower Upper
65 100
67 55.3 0.0 99.4

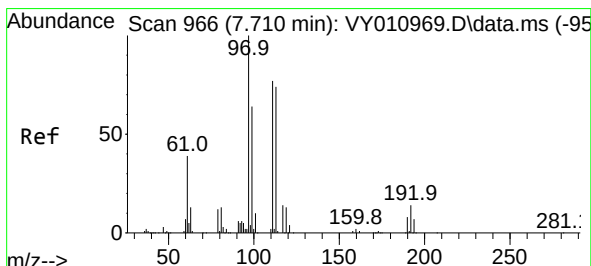
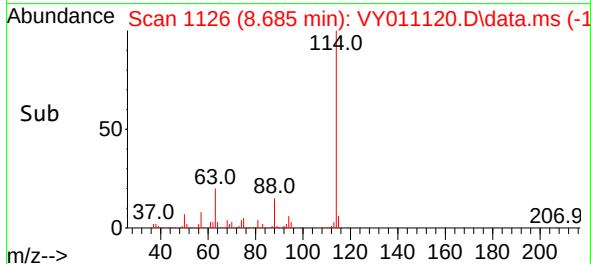
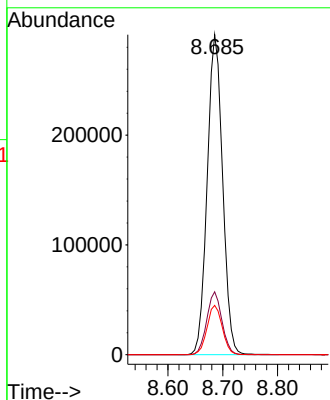
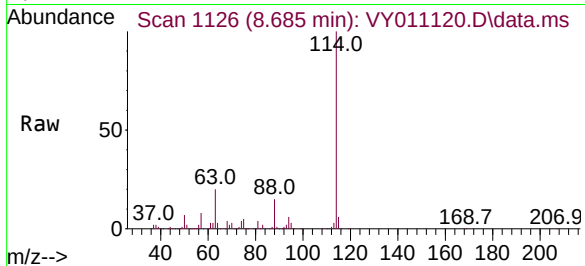




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011120.D
Acq: 26 Oct 2022 16:43

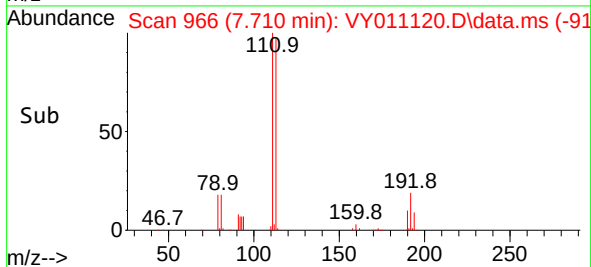
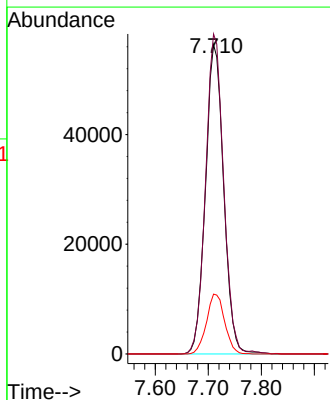
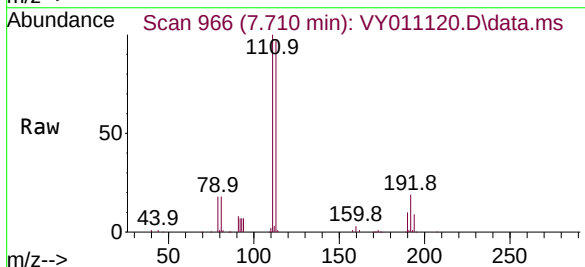
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

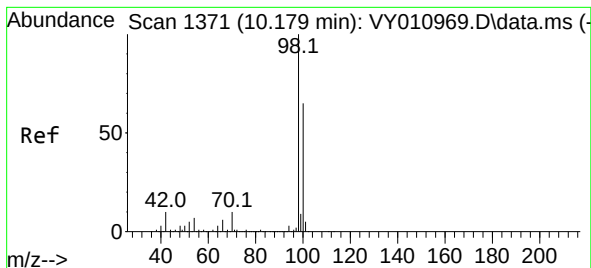
Tgt Ion:114 Resp: 566657
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.077 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011120.D
Acq: 26 Oct 2022 16:43

Tgt Ion:113 Resp: 133987
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.4 17.6 26.4





#50

Toluene-d8

Concen: 36.061 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011120.D

Acq: 26 Oct 2022 16:43

Instrument :

MSVOA_Y

ClientSampleId :

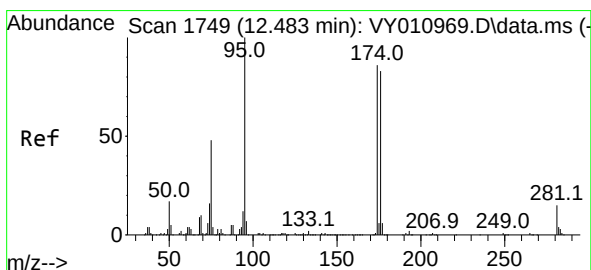
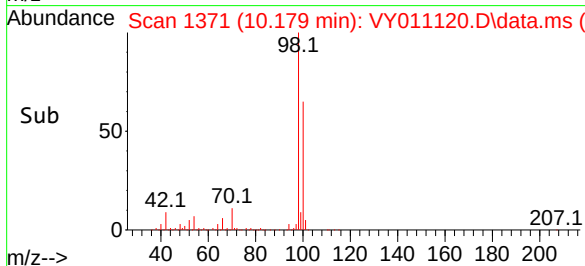
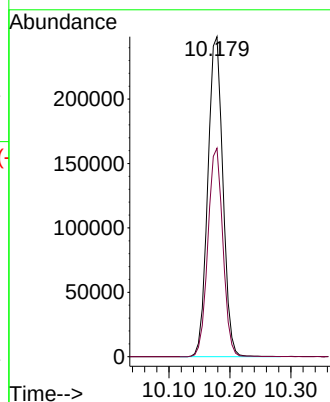
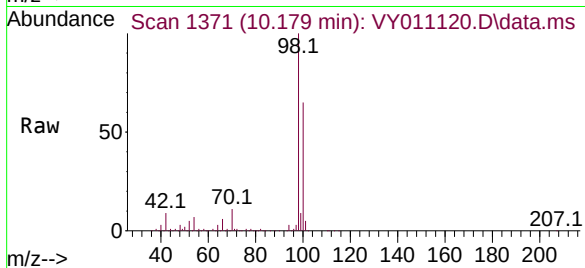
SB-9

Tgt Ion: 98 Resp: 426666

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 35.877 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011120.D

Acq: 26 Oct 2022 16:43

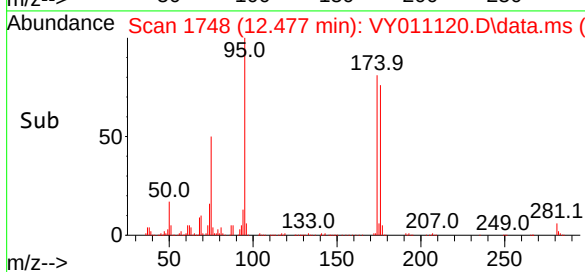
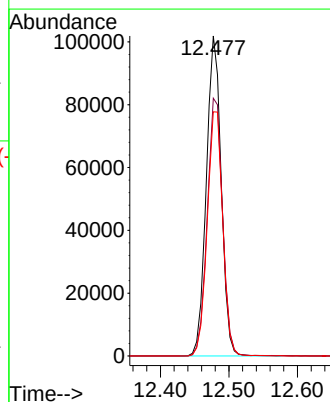
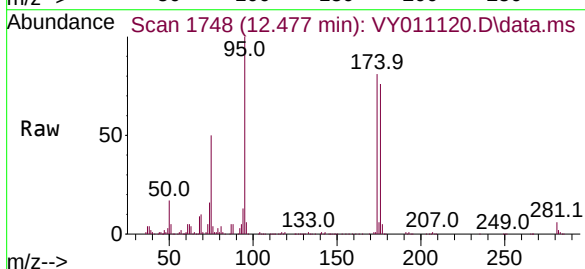
Tgt Ion: 95 Resp: 154003

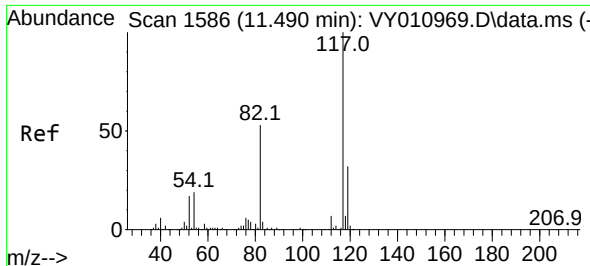
Ion Ratio Lower Upper

95 100

174 83.3 0.0 177.0

176 79.6 0.0 175.8

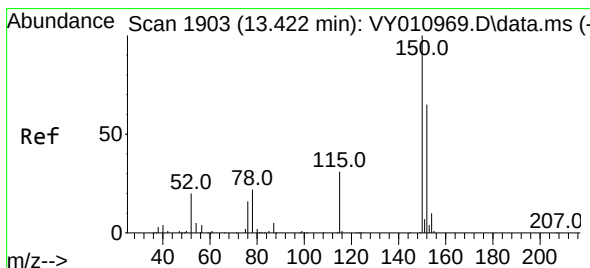
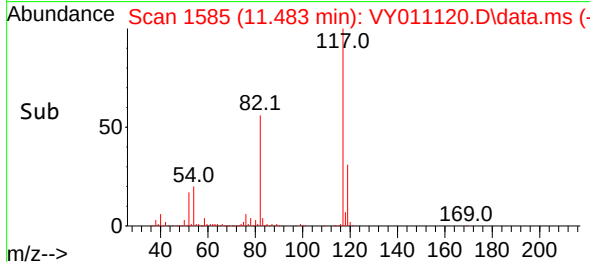
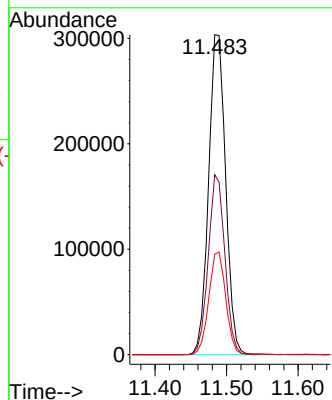
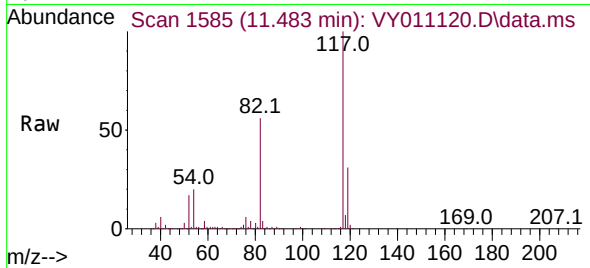




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011120.D
Acq: 26 Oct 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-9

Tgt Ion:117 Resp: 502488
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 31.4 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: VY011120.D
Acq: 26 Oct 2022 16:43

Tgt Ion:152 Resp: 223112
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.5 0.0 347.6

