

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
 Data File : VY011003.D
 Acq On : 19 Oct 2022 10:54
 Operator : KP/MD
 Sample : VY1019SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1019SBL01

Quant Time: Oct 19 11:35:35 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	7.789	168	249411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	424190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	370646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164172	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	115170	50.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.260%
35) Dibromofluoromethane	7.716	113	117939	49.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.179	98	409403	46.223	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.483	95	134903	42.539	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.080%

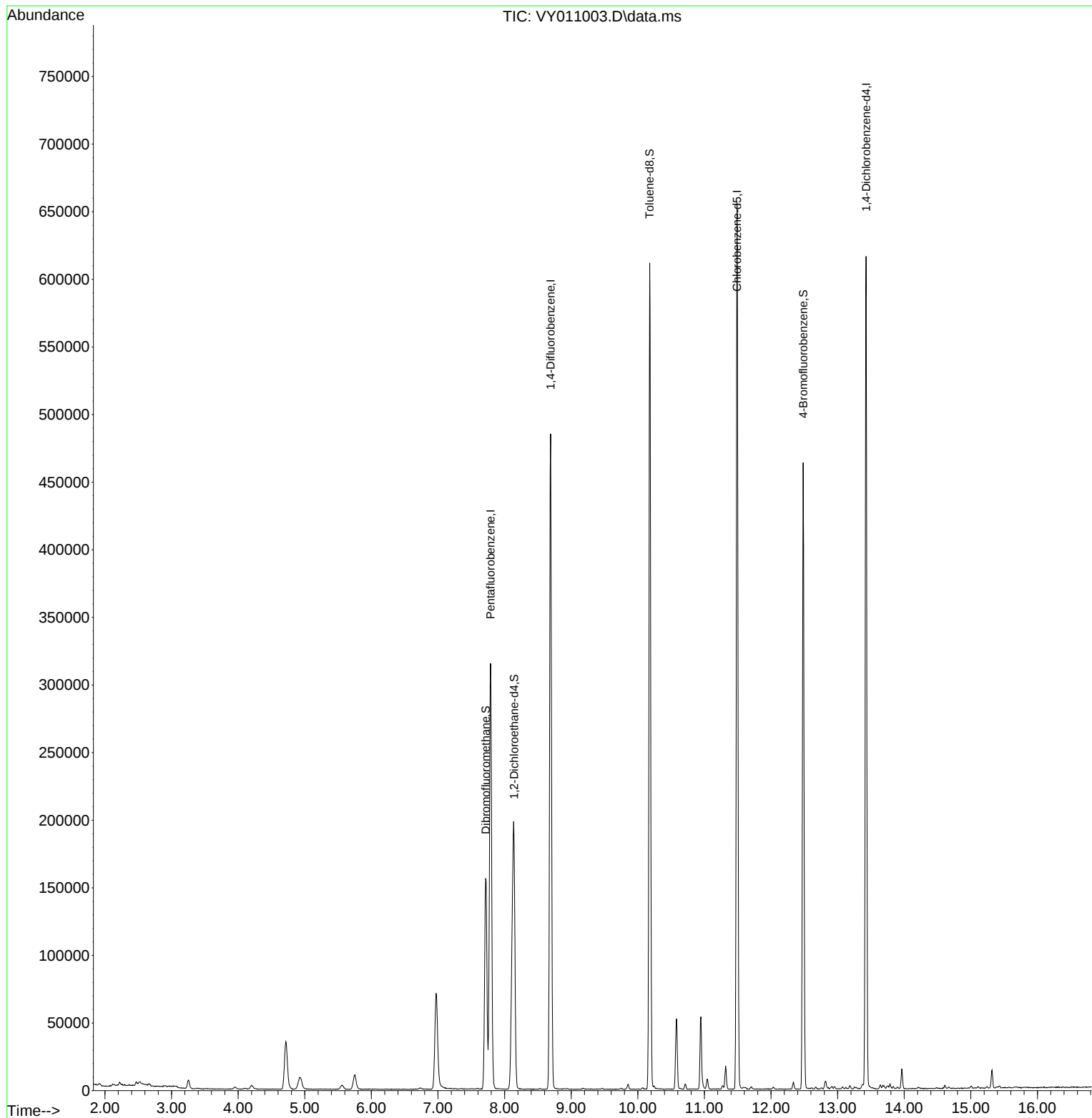
Target Compounds	Qvalue

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

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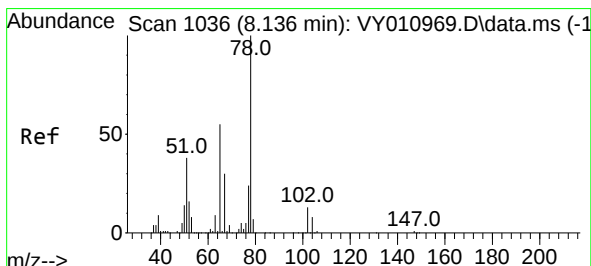
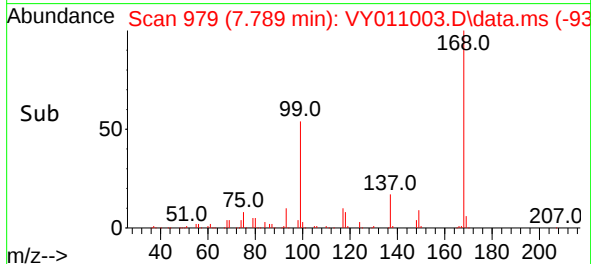
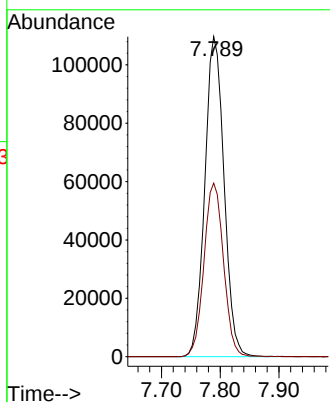
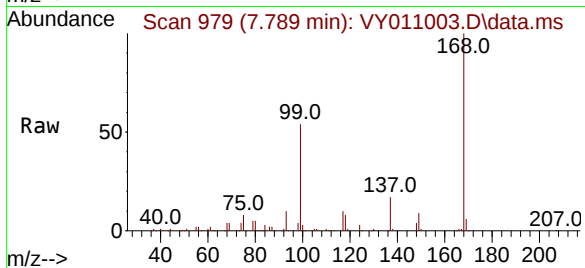




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011003.D
Acq: 19 Oct 2022 10:54

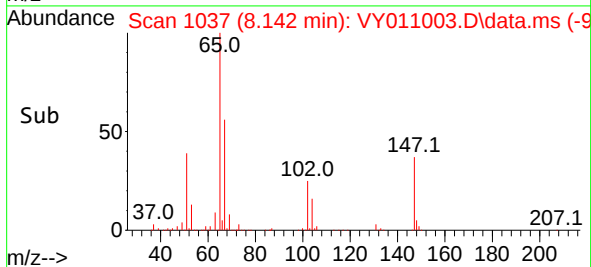
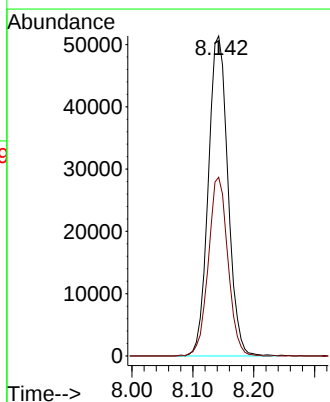
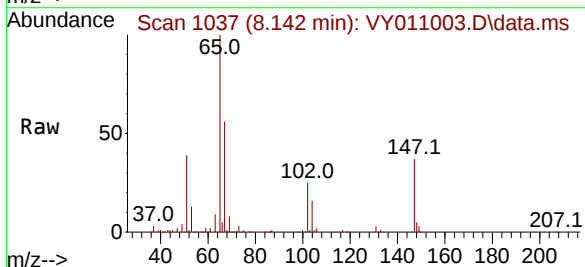
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBL01

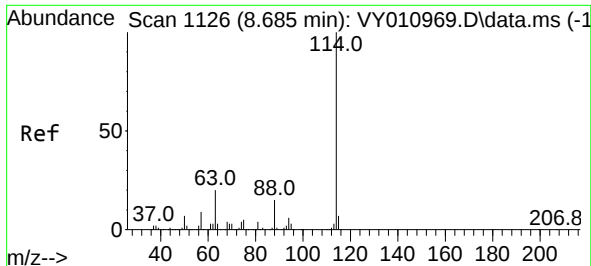
Tgt Ion:168 Resp: 249411
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.130 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011003.D
Acq: 19 Oct 2022 10:54

Tgt Ion: 65 Resp: 115170
Ion Ratio Lower Upper
65 100
67 55.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011003.D

Acq: 19 Oct 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBL01

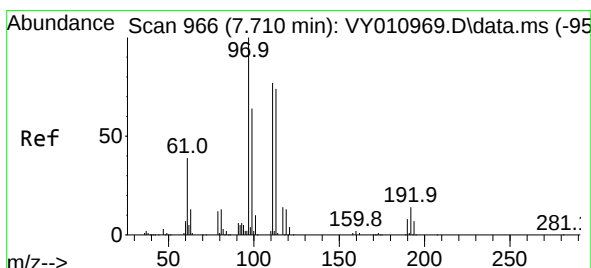
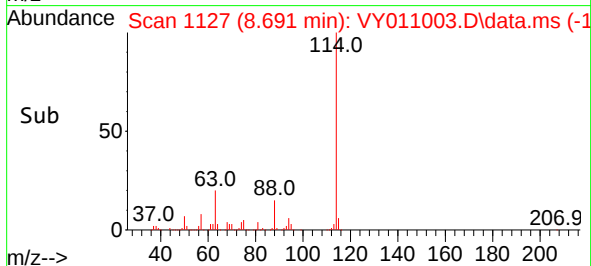
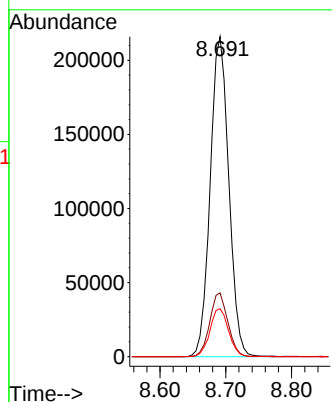
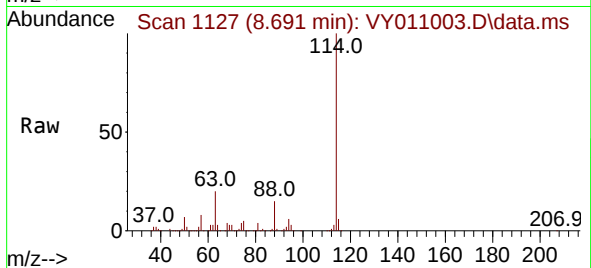
Tgt Ion:114 Resp: 424190

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.872 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011003.D

Acq: 19 Oct 2022 10:54

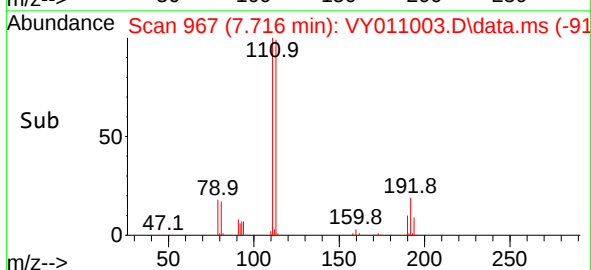
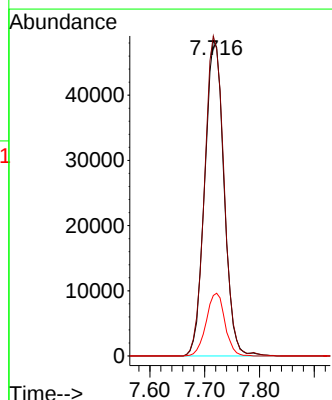
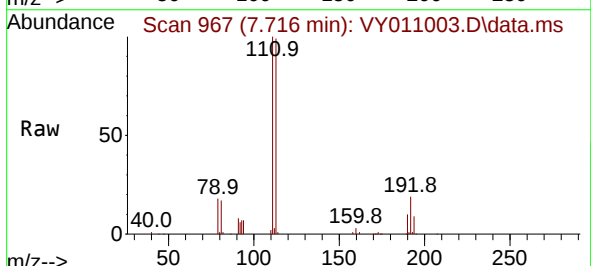
Tgt Ion:113 Resp: 117939

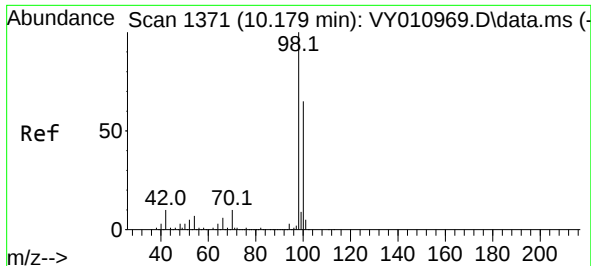
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 19.4 17.6 26.4

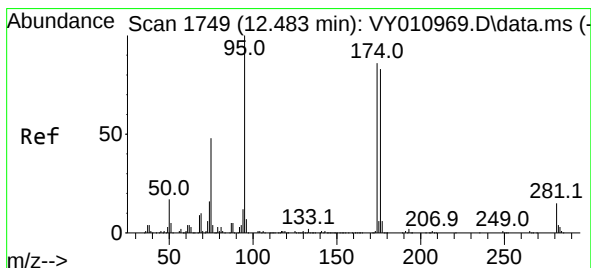
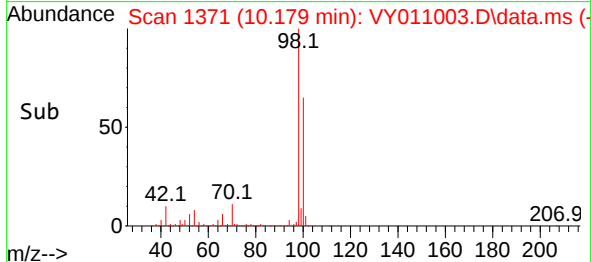
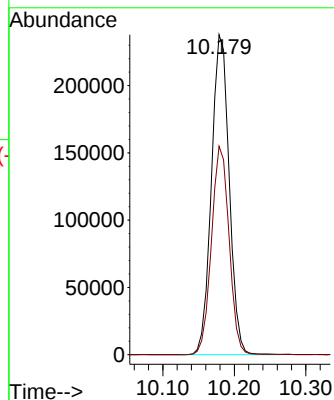
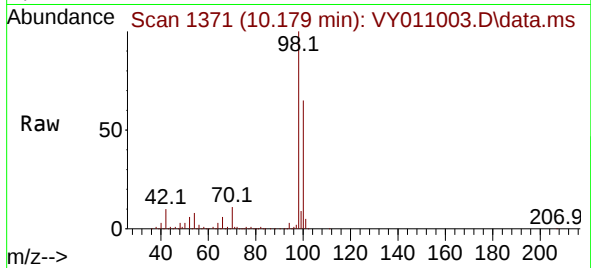




#50
Toluene-d8
Concen: 46.223 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011003.D
Acq: 19 Oct 2022 10:54

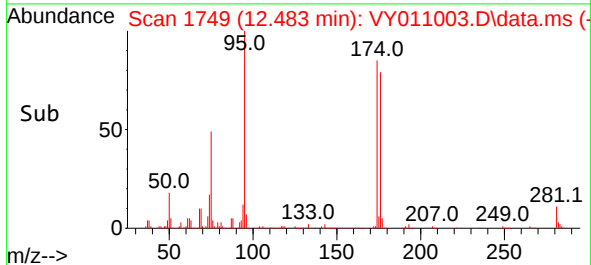
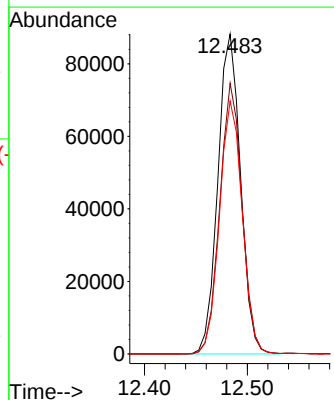
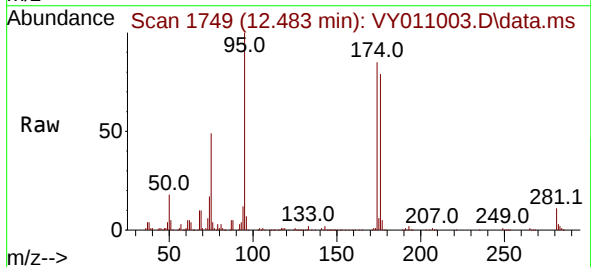
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBL01

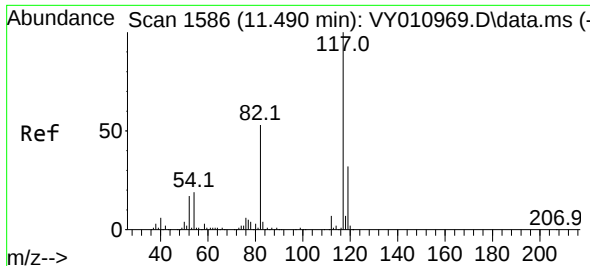
Tgt Ion: 98 Resp: 409403
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.539 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011003.D
Acq: 19 Oct 2022 10:54

Tgt Ion: 95 Resp: 134903
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 79.5 0.0 175.8

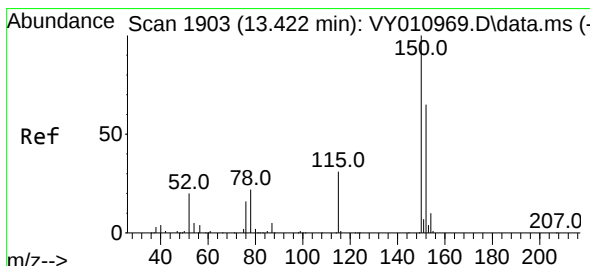
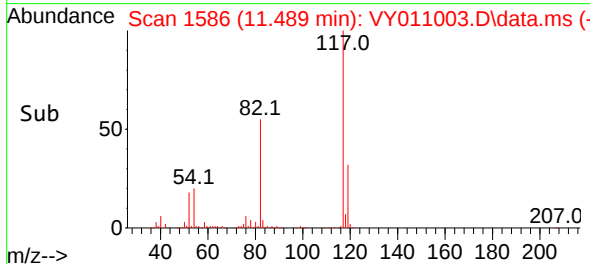
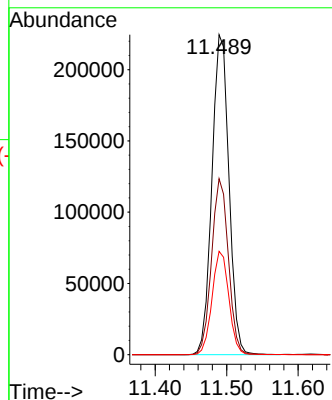
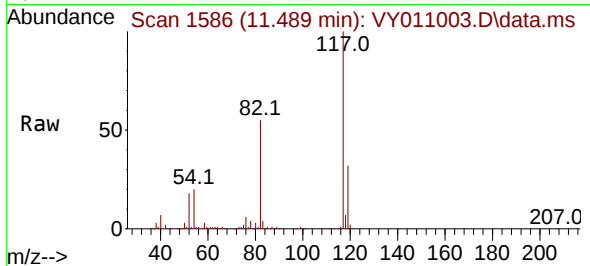




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011003.D
Acq: 19 Oct 2022 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBL01

Tgt Ion:117 Resp: 370646
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.3 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: VY011003.D
Acq: 19 Oct 2022 10:54

Tgt Ion:152 Resp: 164172
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.6 0.0 347.6

