

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009414.D
 Acq On : 01 Jul 2022 11:57
 Operator : KP/MD
 Sample : N3547-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1RE

Quant Time: Jul 05 02:43:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	30949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	46197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	42217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	12124	48.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.820%
35) Dibromofluoromethane	7.710	113	11895	46.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.560%
50) Toluene-d8	10.179	98	40828	52.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.740%
62) 4-Bromofluorobenzene	12.477	95	11140	30.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.260%

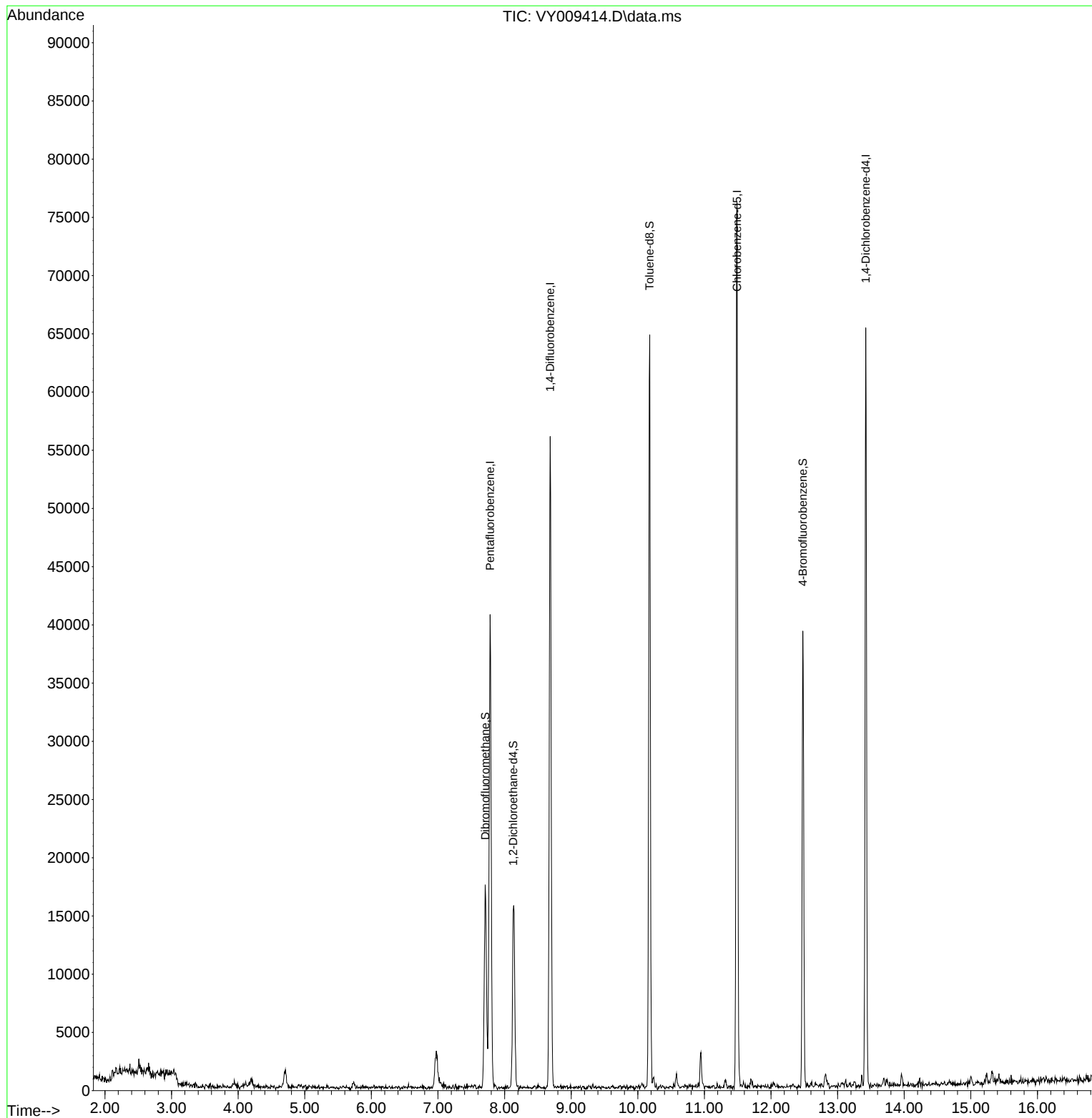
Target Compounds	Qvalue

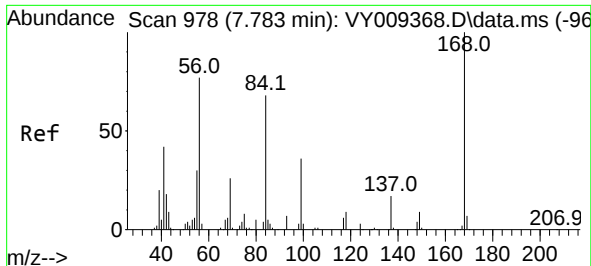
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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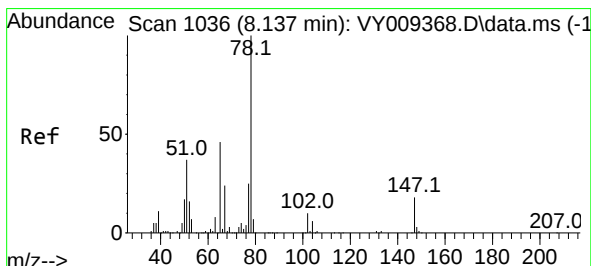
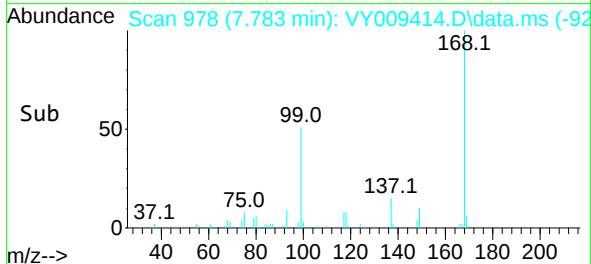
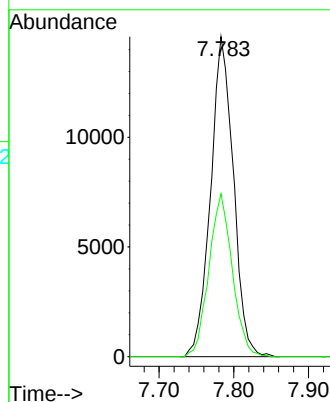
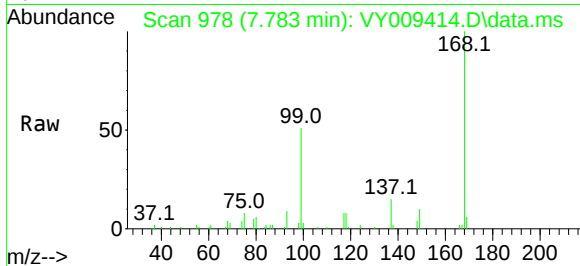




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009414.D
Acq: 01 Jul 2022 11:57

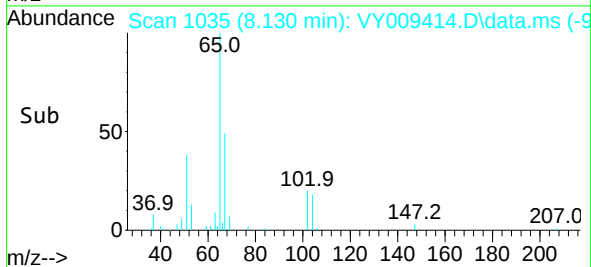
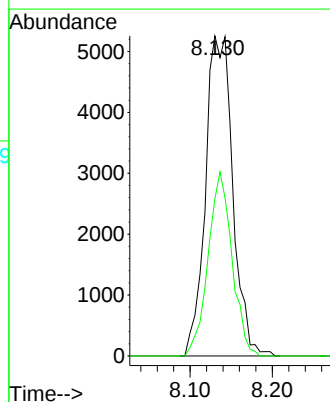
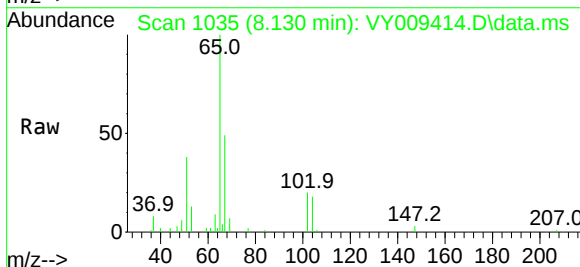
Instrument :
MSVOA_Y
ClientSampleId :
T-1RE

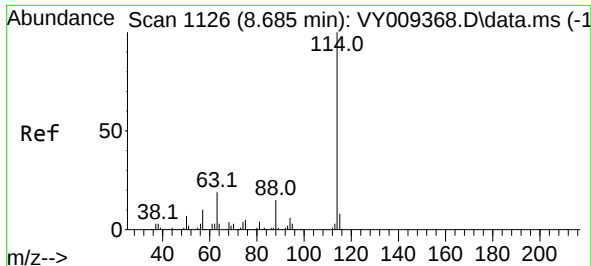
Tgt Ion:168 Resp: 30949
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.909 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009414.D
Acq: 01 Jul 2022 11:57

Tgt Ion: 65 Resp: 12124
Ion Ratio Lower Upper
65 100
67 50.3 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: VY009414.D

Acq: 01 Jul 2022 11:57

Instrument :

MSVOA_Y

ClientSampleId :

T-1RE

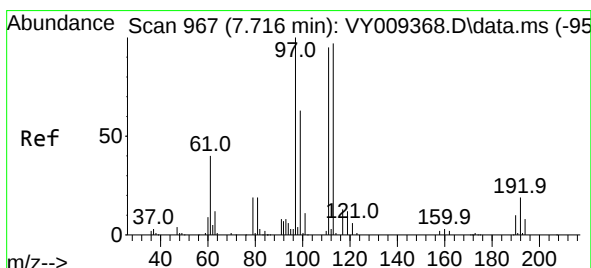
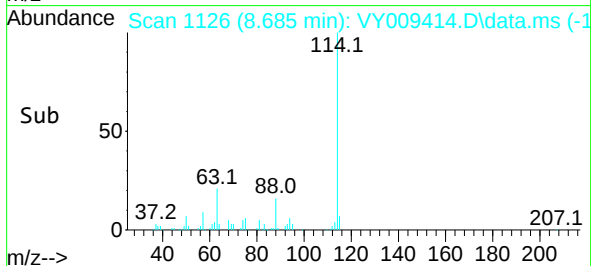
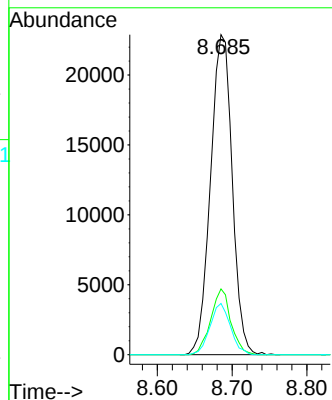
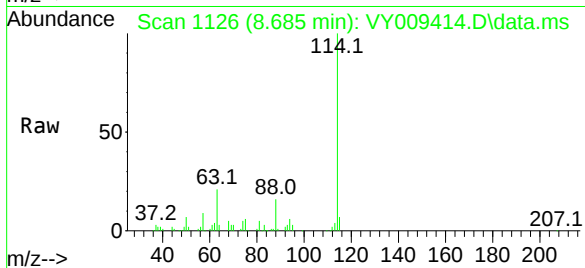
Tgt Ion:114 Resp: 46197

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.783 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009414.D

Acq: 01 Jul 2022 11:57

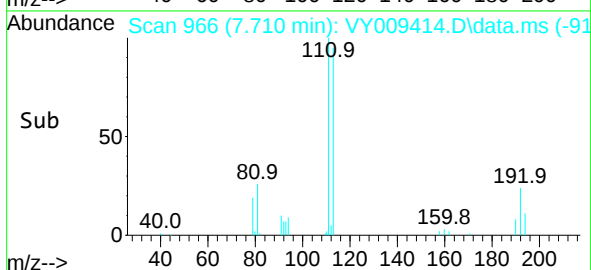
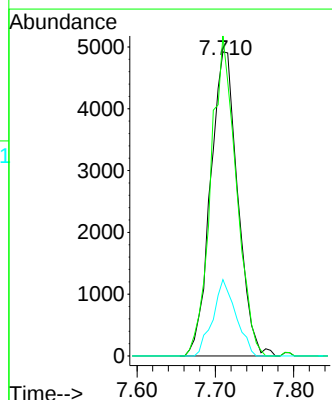
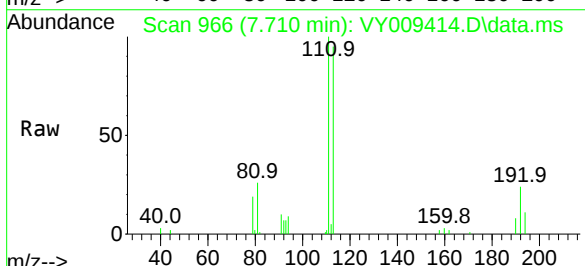
Tgt Ion:113 Resp: 11895

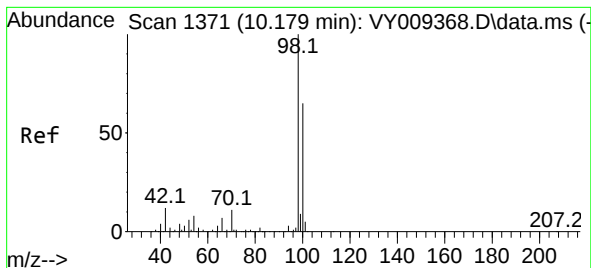
Ion Ratio Lower Upper

113 100

111 98.3 82.6 124.0

192 21.2 17.6 26.4

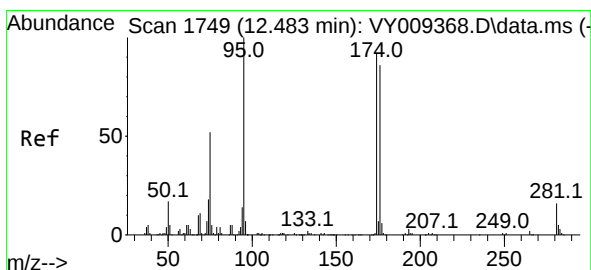
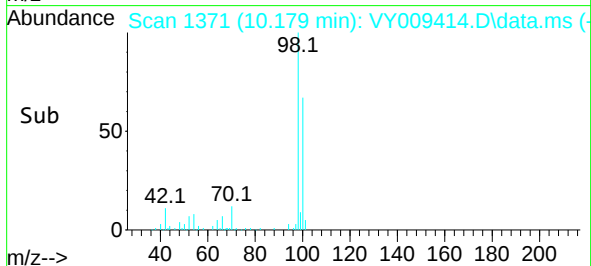
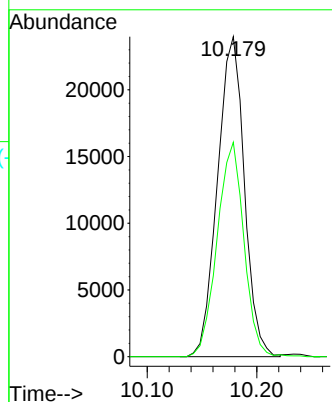
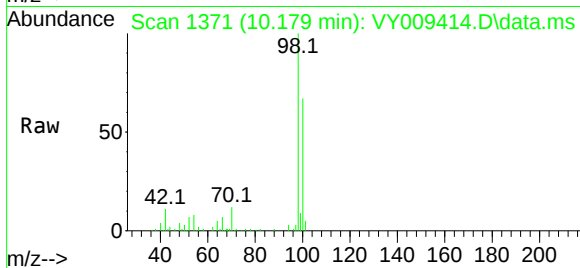




#50
Toluene-d8
Concen: 52.374 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009414.D
Acq: 01 Jul 2022 11:57

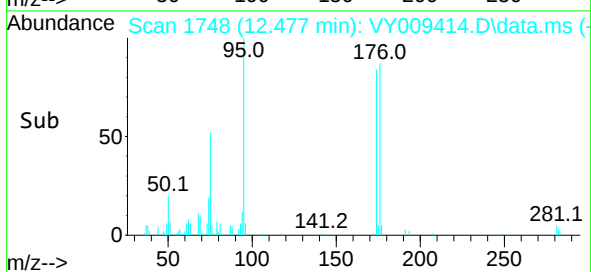
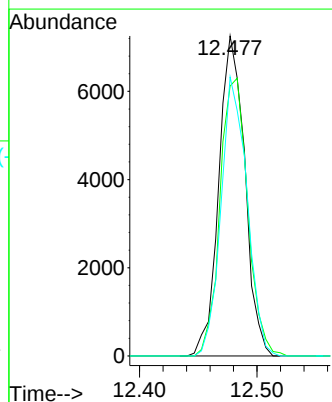
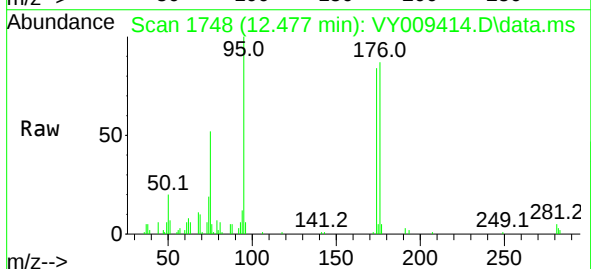
Instrument :
MSVOA_Y
ClientSampleId :
T-1RE

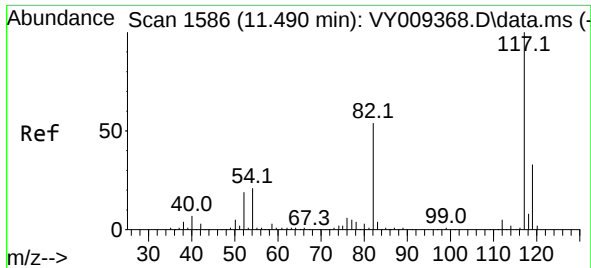
Tgt Ion: 98 Resp: 40828
Ion Ratio Lower Upper
98 100
100 66.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.131 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009414.D
Acq: 01 Jul 2022 11:57

Tgt Ion: 95 Resp: 11140
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 87.3 0.0 175.8

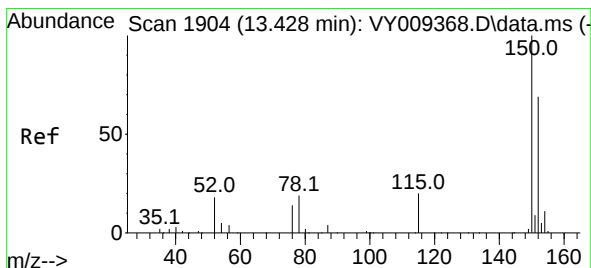
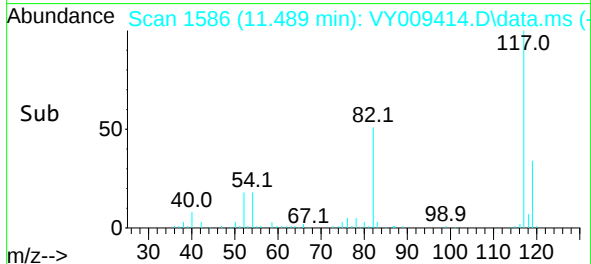
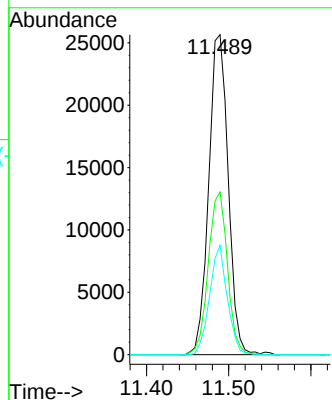
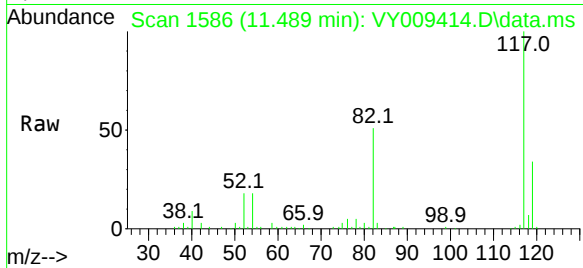




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009414.D
Acq: 01 Jul 2022 11:57

Instrument :
MSVOA_Y
ClientSampleId :
T-1RE

Tgt Ion:117 Resp: 42217
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 34.2 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: VY009414.D
Acq: 01 Jul 2022 11:57

Tgt Ion:152 Resp: 16235
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 160.6 0.0 347.6

