

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009420.D
 Acq On : 01 Jul 2022 14:20
 Operator : KP/MD
 Sample : N3548-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 V-1

Quant Time: Jul 05 02:45:29 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	84477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	143066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	138405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63122	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	40629	60.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.100%
35) Dibromofluoromethane	7.710	113	34983	44.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.860%
50) Toluene-d8	10.173	98	125575	52.016	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.477	95	40286	35.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.380%

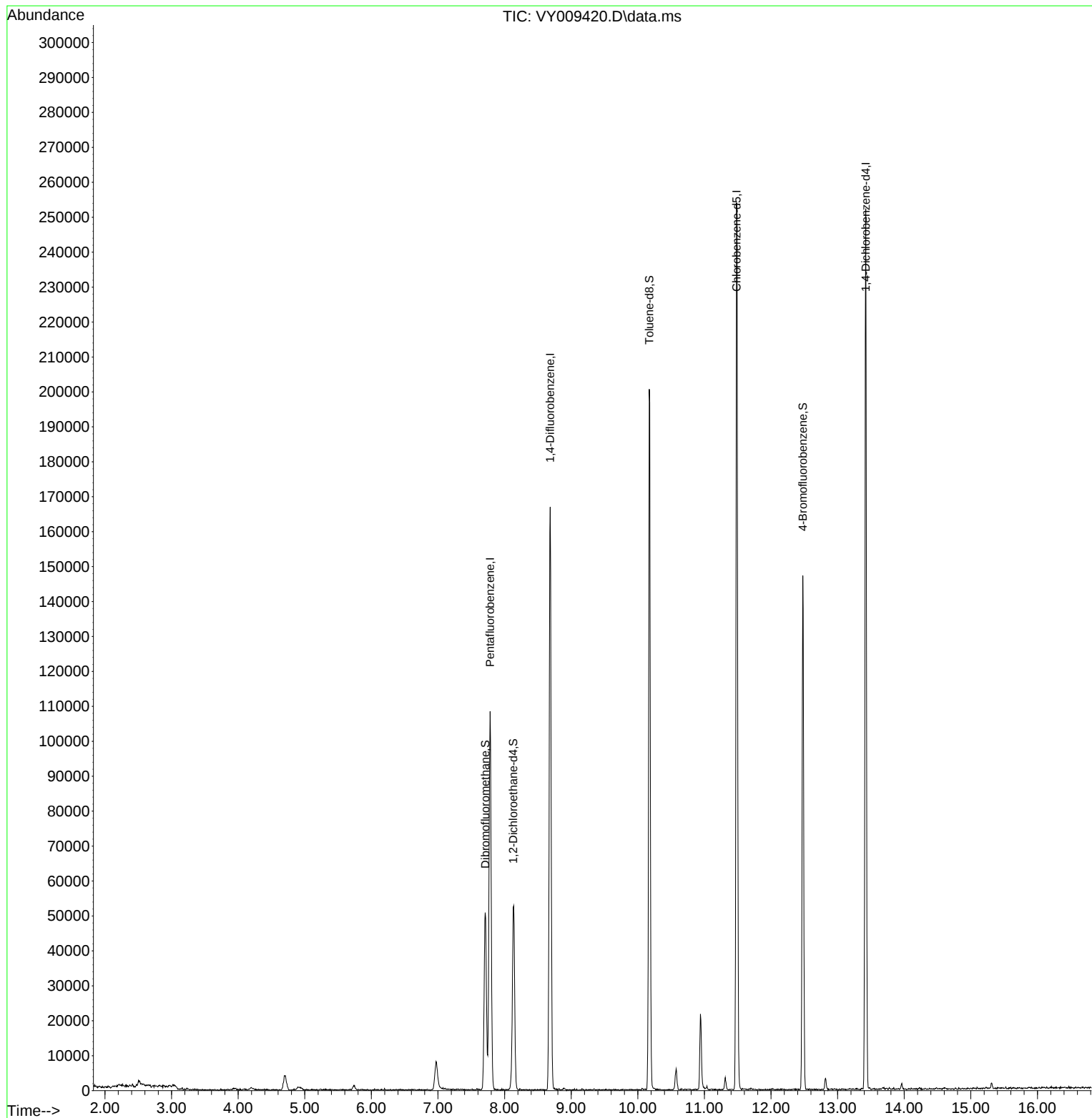
Target Compounds	Qvalue

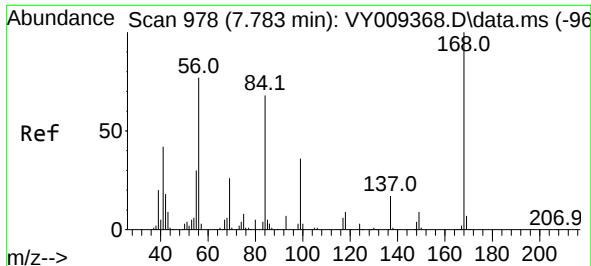
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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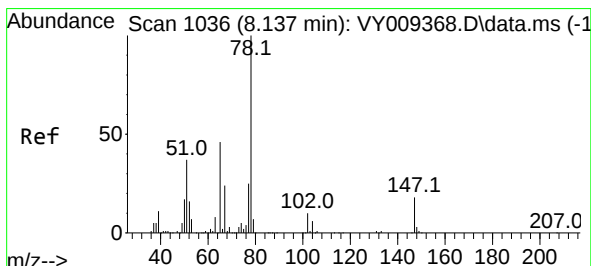
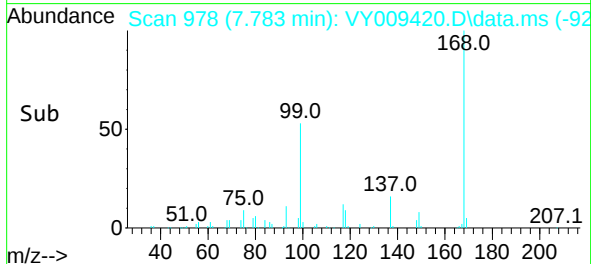
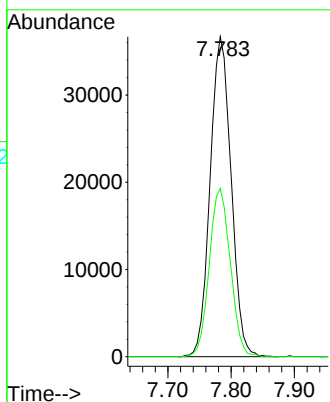
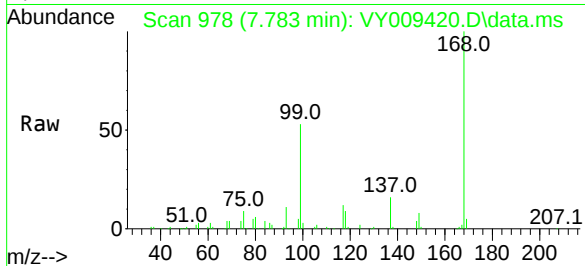




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

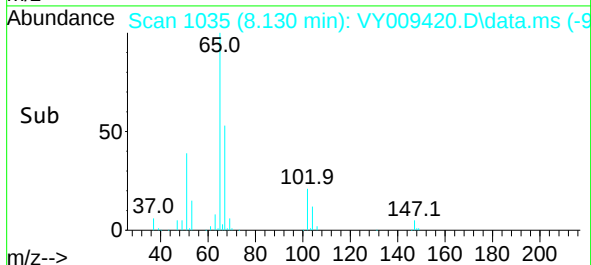
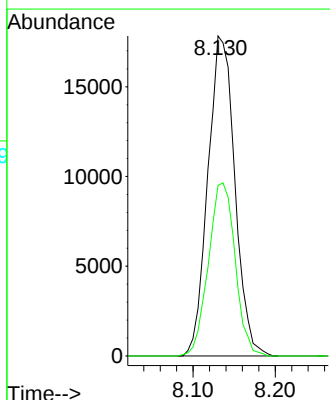
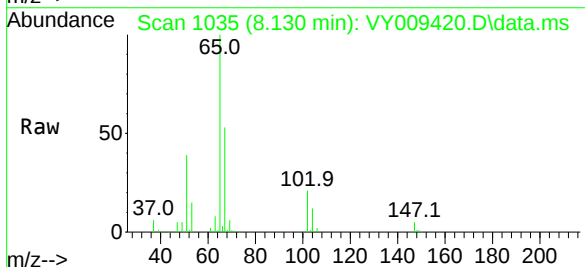
Instrument :
MSVOA_Y
ClientSampleId :
V-1

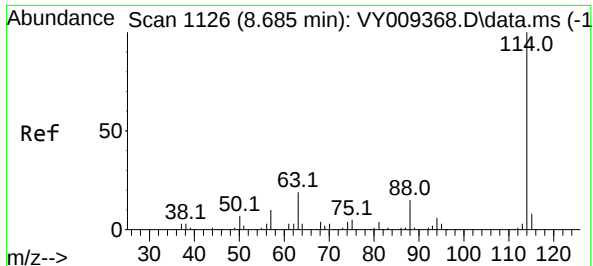
Tgt Ion:168 Resp: 84477
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.046 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Tgt Ion: 65 Resp: 40629
Ion Ratio Lower Upper
65 100
67 53.6 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: VY009420.D

Acq: 01 Jul 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

V-1

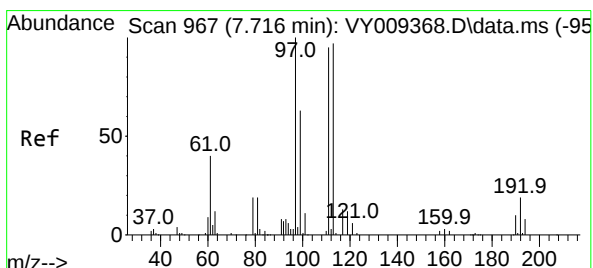
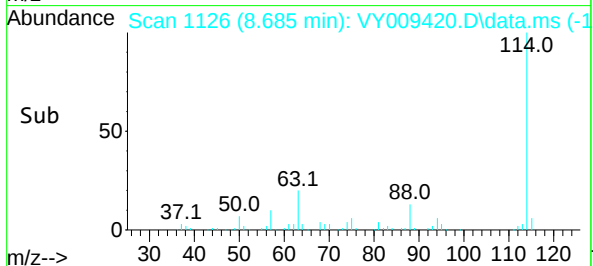
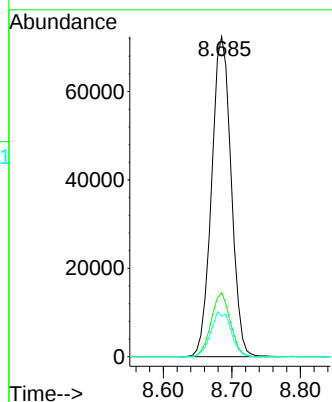
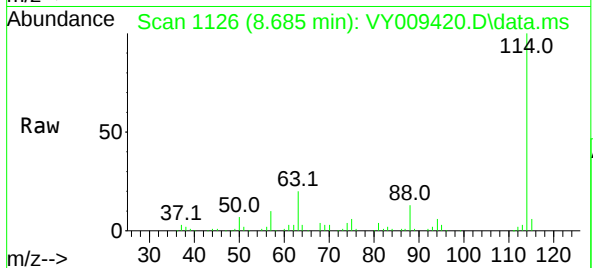
Tgt Ion:114 Resp: 143066

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 12.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.428 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009420.D

Acq: 01 Jul 2022 14:20

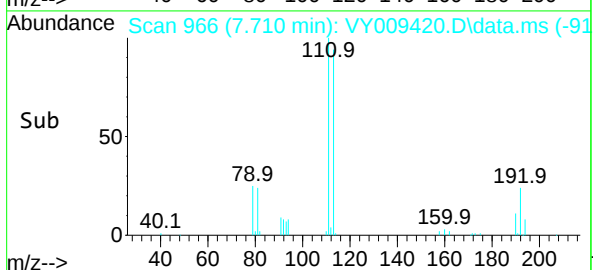
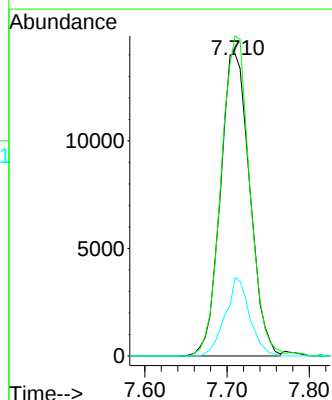
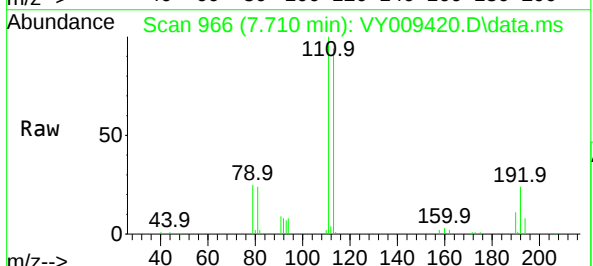
Tgt Ion:113 Resp: 34983

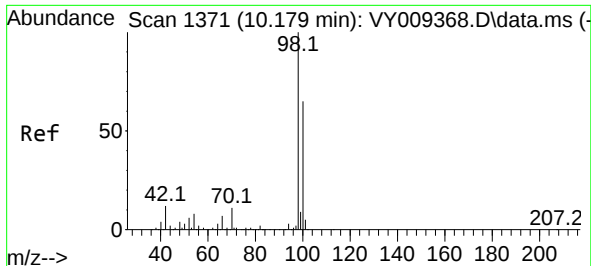
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 21.5 17.6 26.4

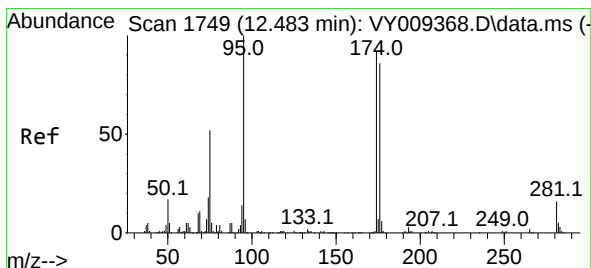
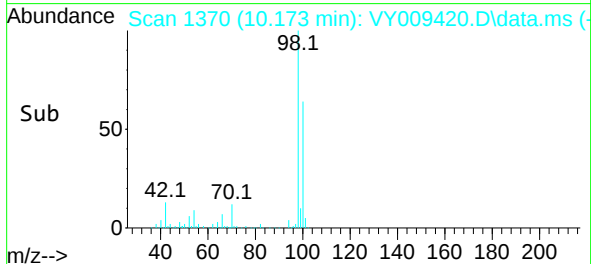
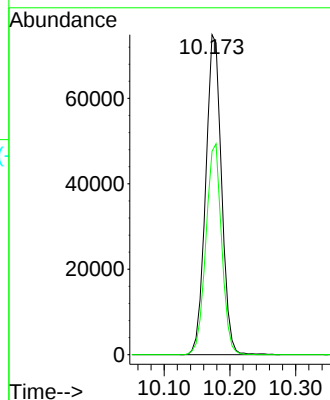
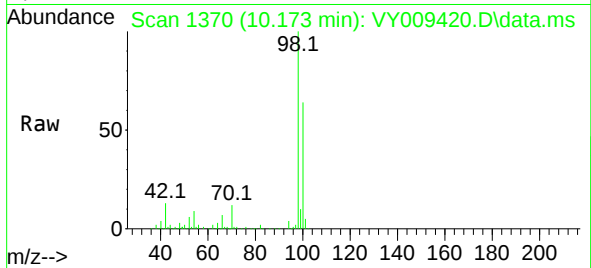




#50
Toluene-d8
Concen: 52.016 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

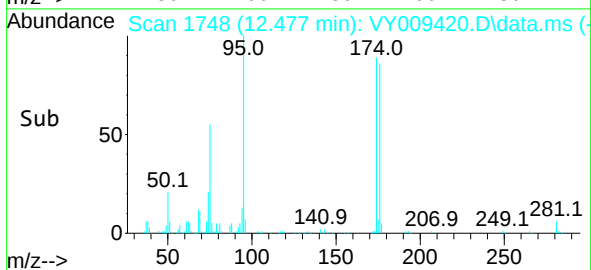
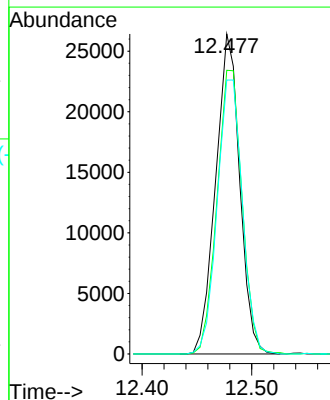
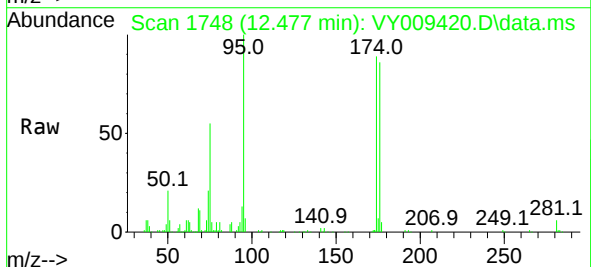
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V-1

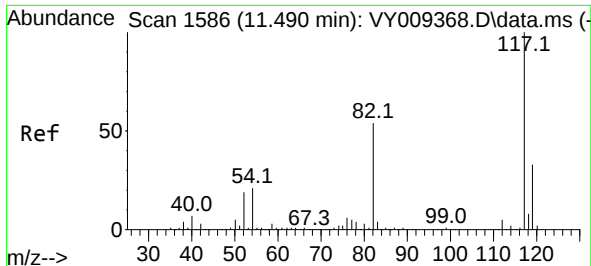
Tgt Ion: 98 Resp: 125575
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.185 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Tgt Ion: 95 Resp: 40286
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 89.5 0.0 175.8

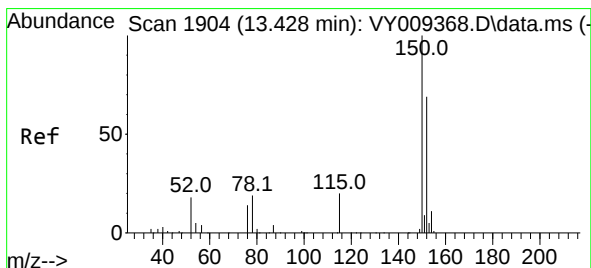
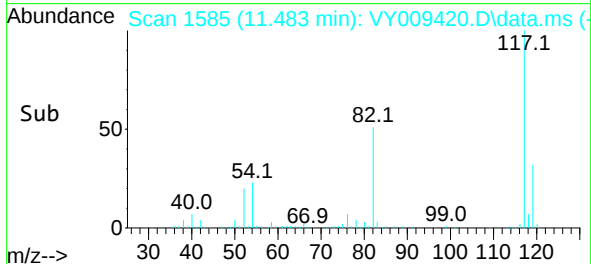
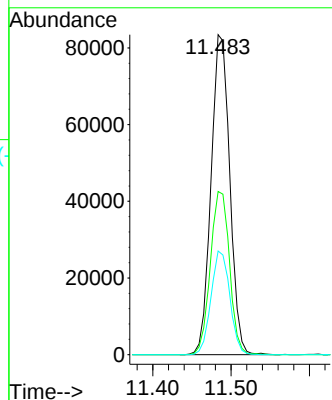
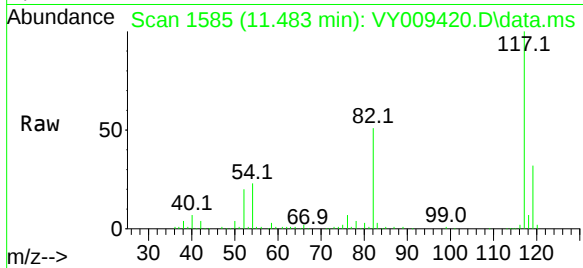




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
V-1

Tgt Ion:117 Resp: 138405
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.4 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: VY009420.D
Acq: 01 Jul 2022 14:20

Tgt Ion:152 Resp: 63122
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 156.6 0.0 347.6

