

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009458.D
 Acq On : 06 Jul 2022 16:52
 Operator : KP/MD
 Sample : N3589-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1

Quant Time: Jul 07 01:50:51 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	7.782	168	51570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	85268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	81398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38003	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	24397	59.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.120%
35) Dibromofluoromethane	7.703	113	20897	44.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.060%
50) Toluene-d8	10.172	98	75625	52.559	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	105.120%
62) 4-Bromofluorobenzene	12.477	95	26406	38.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.400%

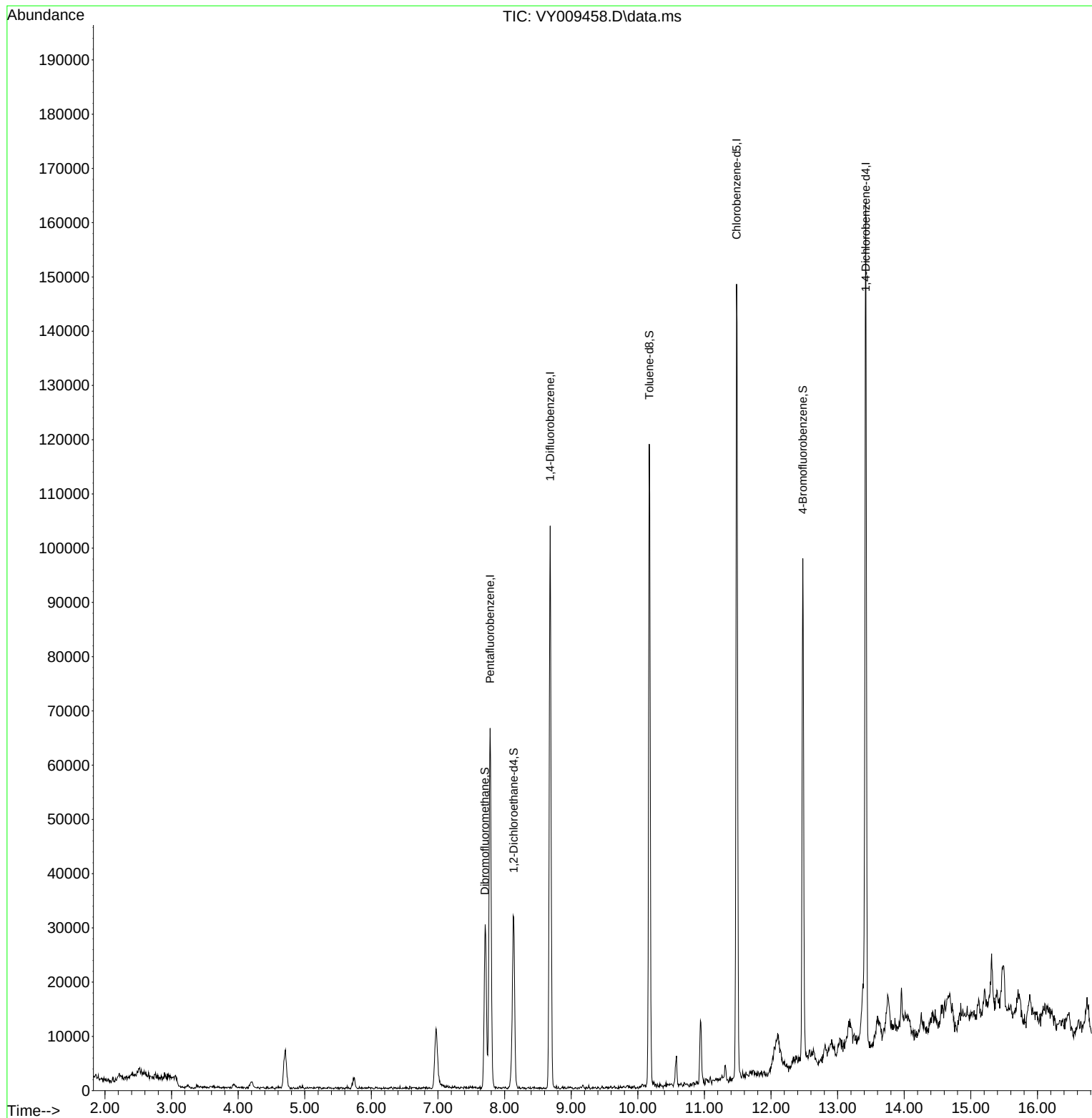
Target Compounds	Qvalue

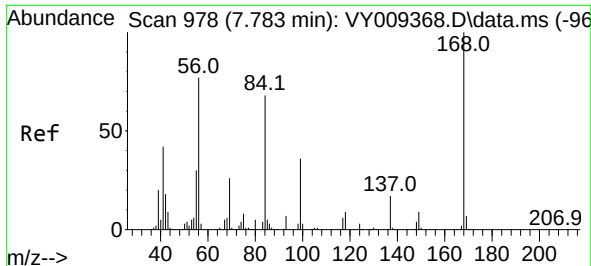
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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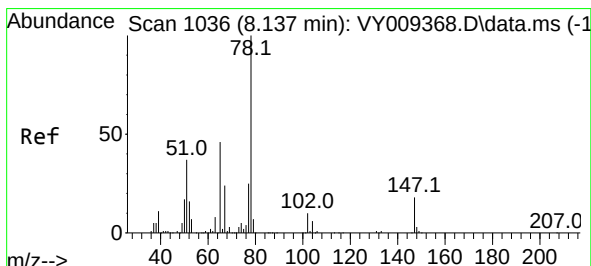
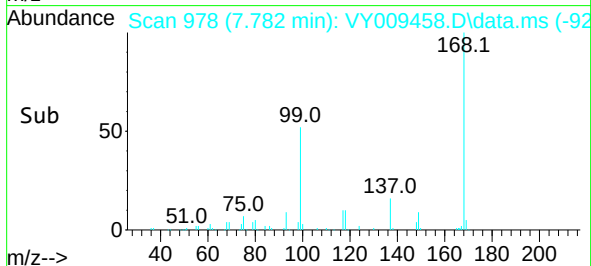
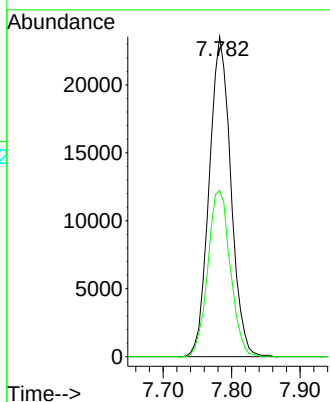
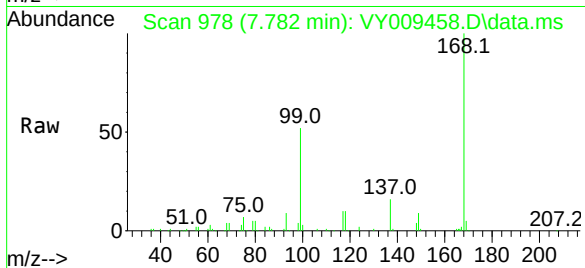




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

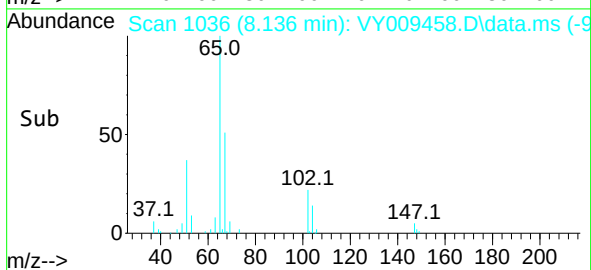
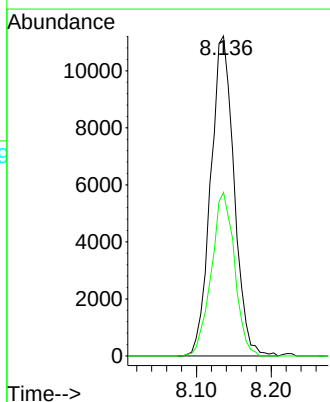
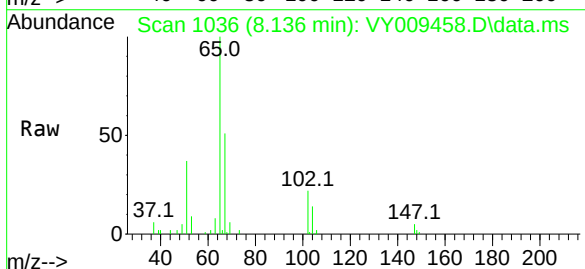
Instrument :
MSVOA_Y
ClientSampleId :
C-1

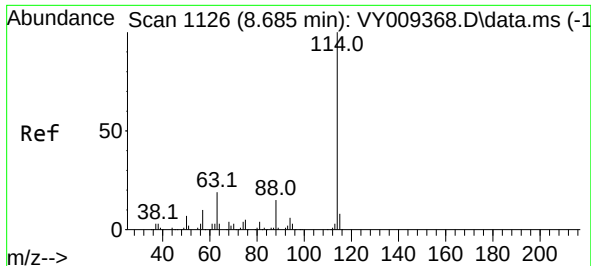
Tgt Ion:168 Resp: 51570
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.065 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

Tgt Ion: 65 Resp: 24397
Ion Ratio Lower Upper
65 100
67 50.6 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: VY009458.D

Acq: 06 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

C-1

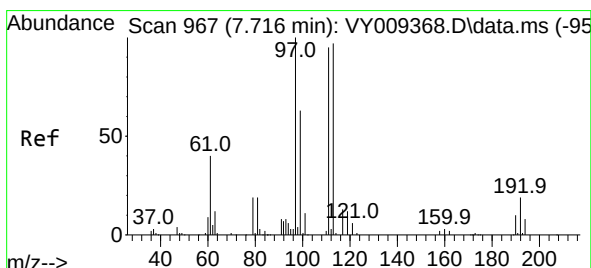
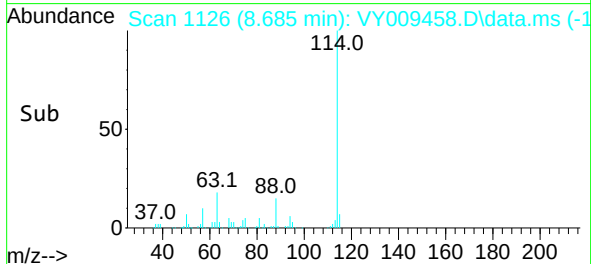
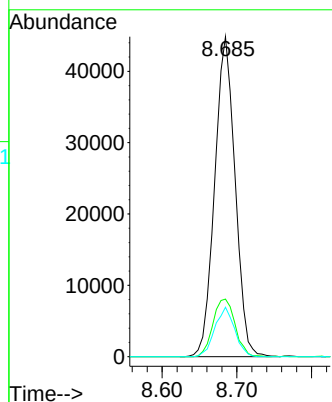
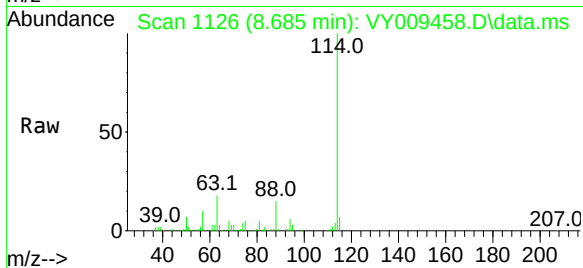
Tgt Ion:114 Resp: 85268

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.529 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.007 min

Lab File: VY009458.D

Acq: 06 Jul 2022 16:52

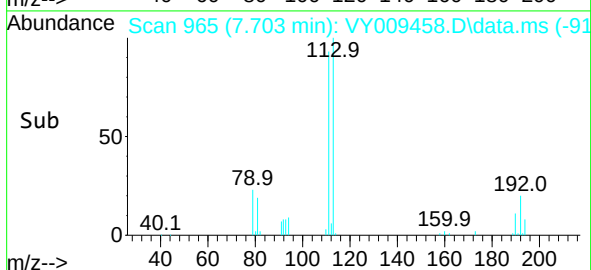
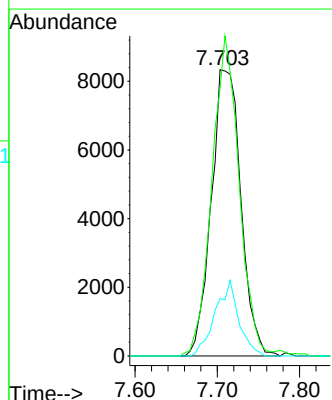
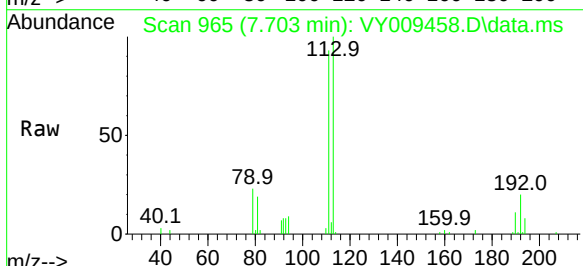
Tgt Ion:113 Resp: 20897

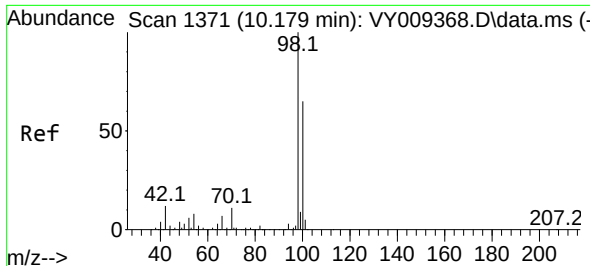
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 21.0 17.6 26.4

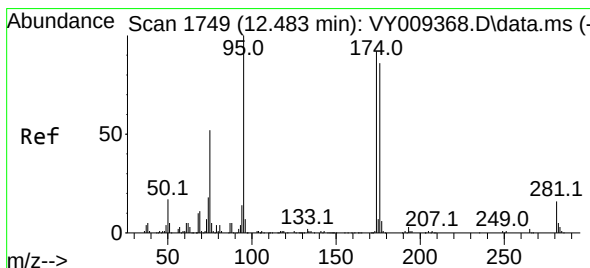
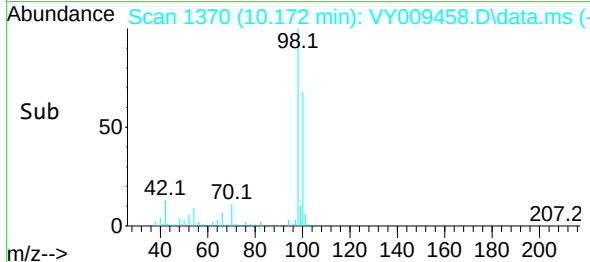
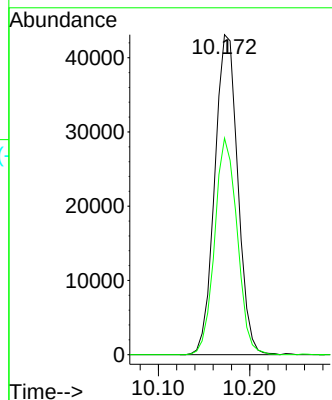
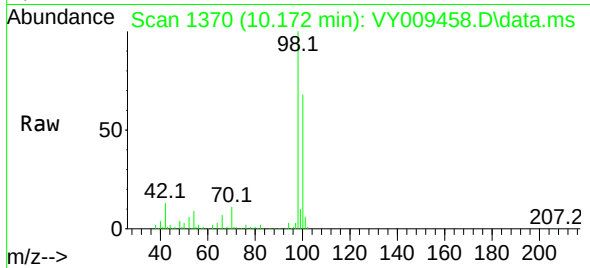




#50
Toluene-d8
Concen: 52.559 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

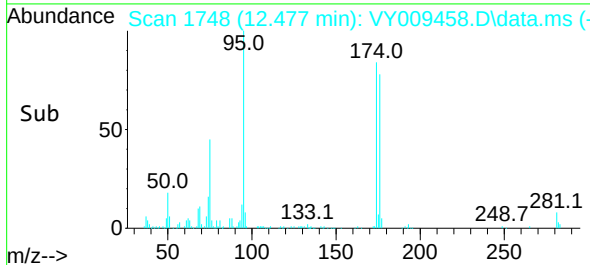
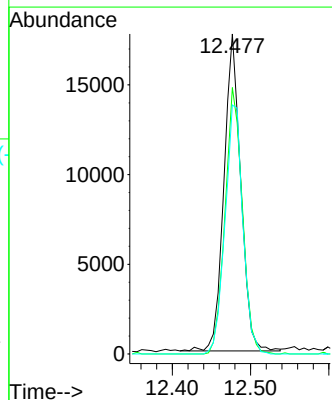
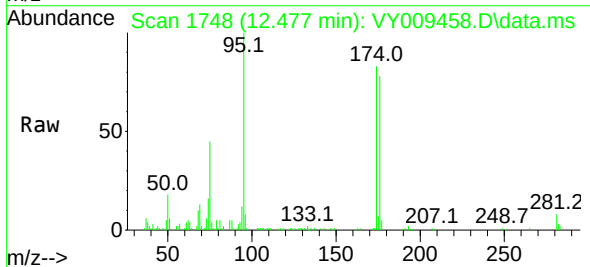
Instrument :
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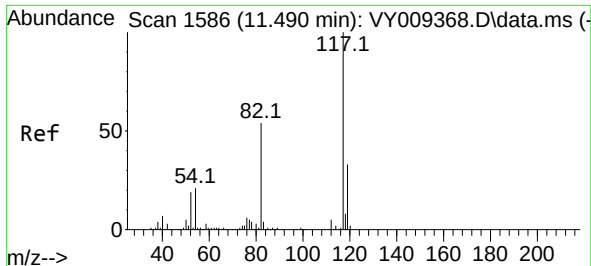
Tgt Ion: 98 Resp: 75625
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.695 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

Tgt Ion: 95 Resp: 26406
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 83.4 0.0 175.8

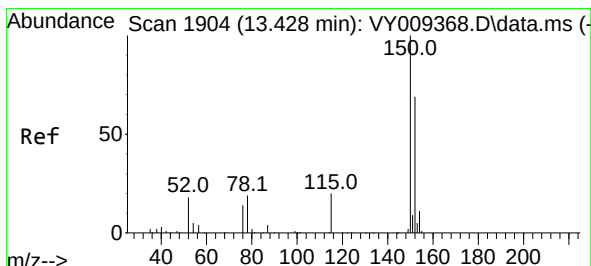
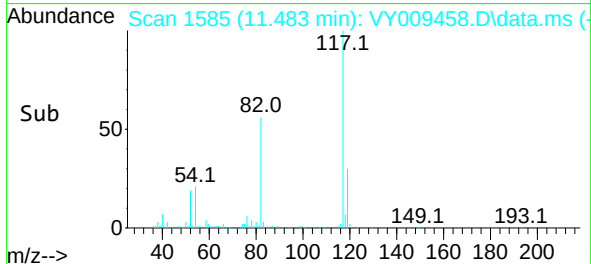
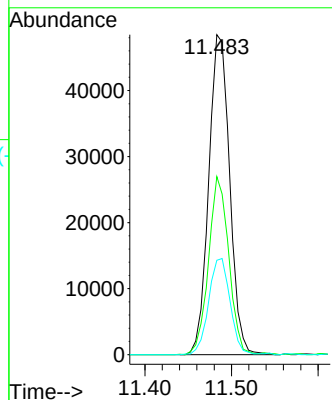
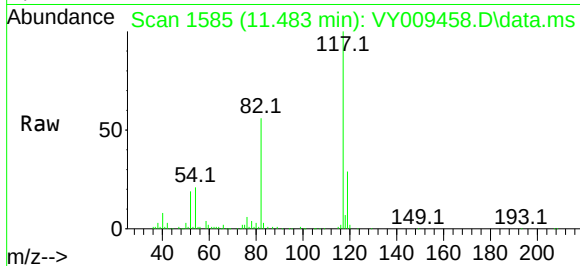




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

Instrument :
MSVOA_Y
ClientSampleId :
C-1

Tgt Ion:117 Resp: 81398
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 29.5 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: VY009458.D
Acq: 06 Jul 2022 16:52

Tgt Ion:152 Resp: 38003
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 151.3 0.0 347.6

