

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009317.D
 Acq On : 25 Jun 2022 12:19
 Operator : KP/MD
 Sample : VY0625SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBL01

Quant Time: Jun 27 10:23:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	169897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67151	52.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.460%
35) Dibromofluoromethane	7.709	113	73714	48.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.360%
50) Toluene-d8	10.172	98	223298	49.943	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.477	95	103338	47.423	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.840%

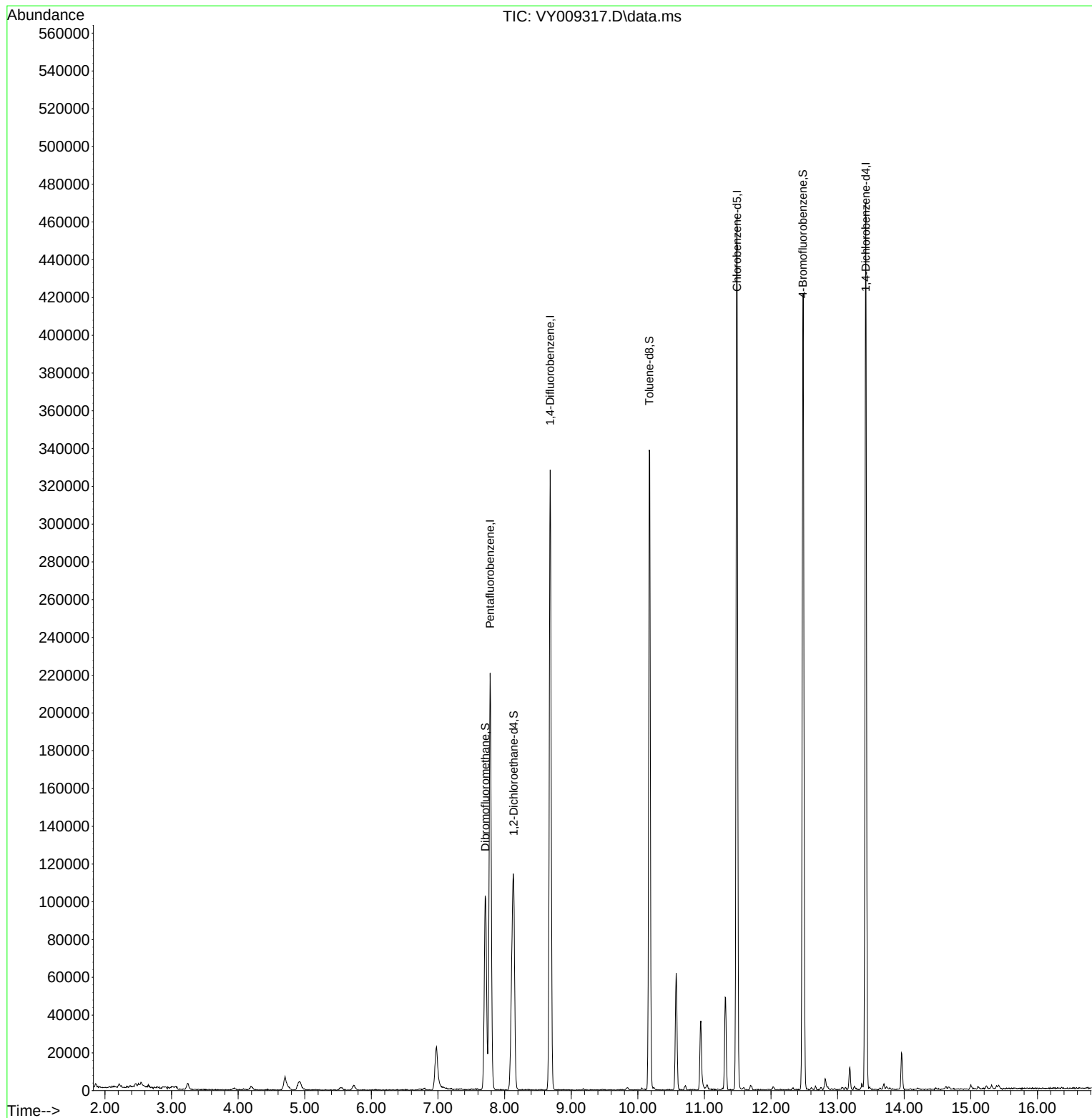
Target Compounds	Qvalue

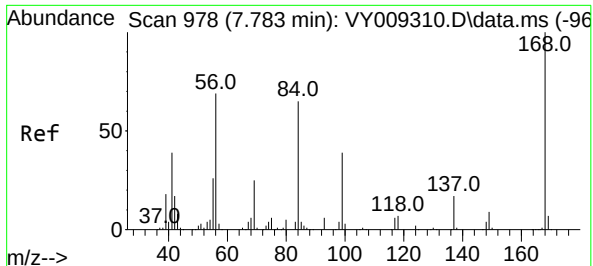
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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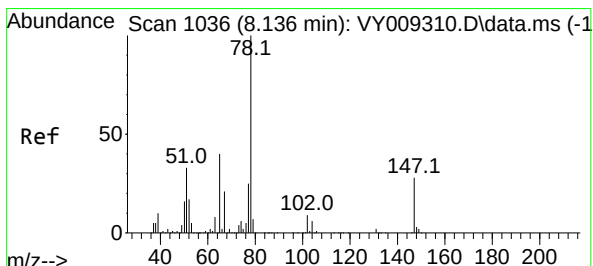
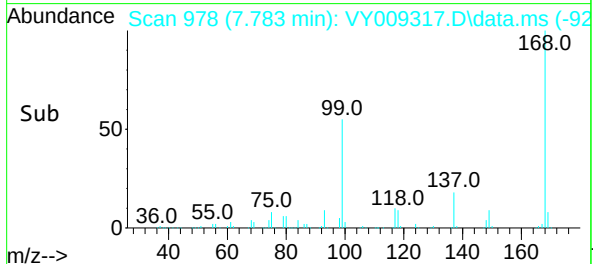
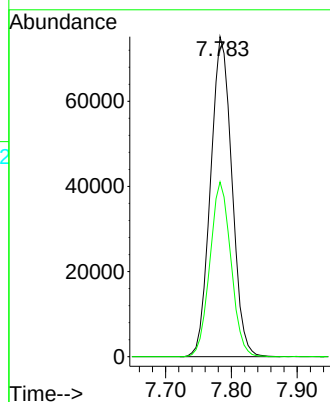
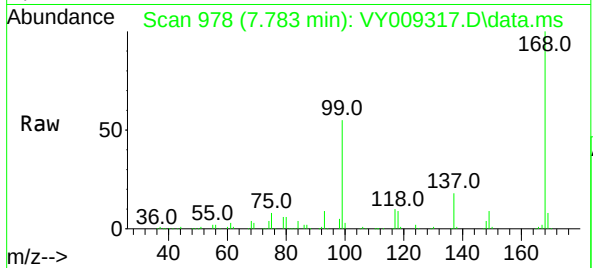




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

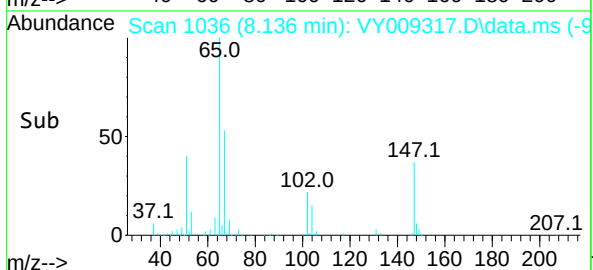
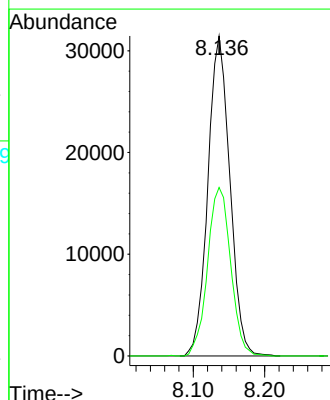
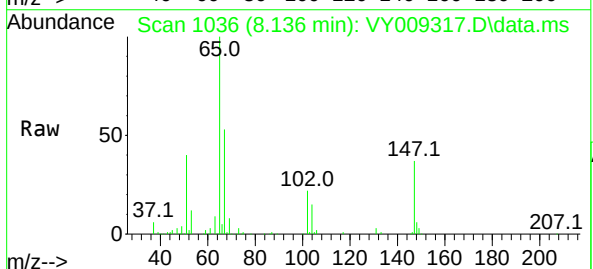
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBL01

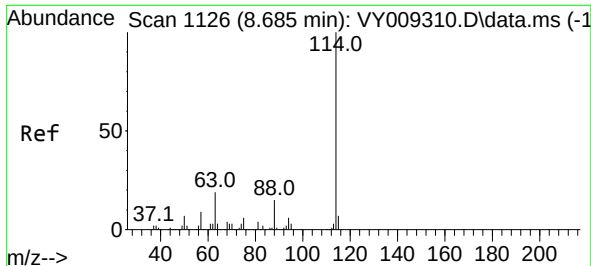
Tgt Ion:168 Resp: 169897
Ion Ratio Lower Upper
168 100
99 54.6 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 52.729 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

Tgt Ion: 65 Resp: 67151
Ion Ratio Lower Upper
65 100
67 55.5 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009317.D

Acq: 25 Jun 2022 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBL01

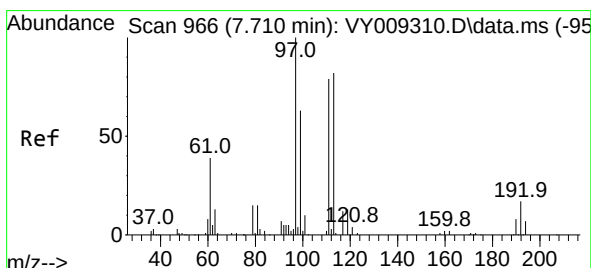
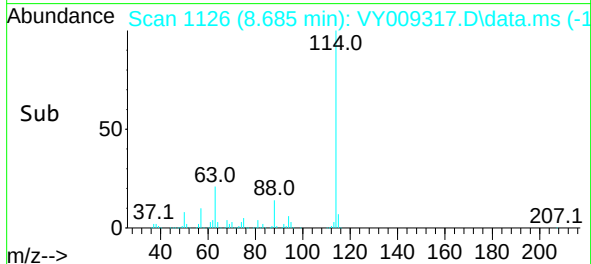
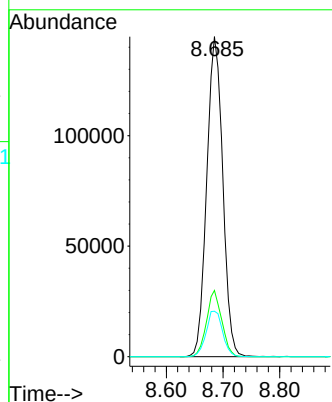
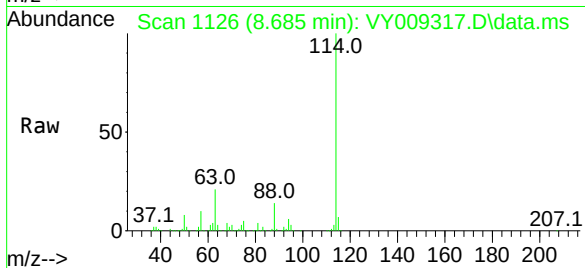
Tgt Ion:114 Resp: 283465

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.0

88 14.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 48.178 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009317.D

Acq: 25 Jun 2022 12:19

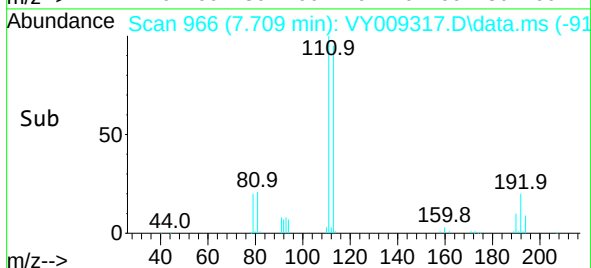
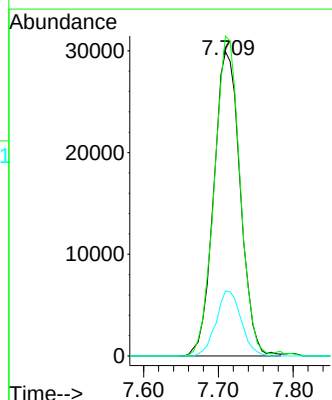
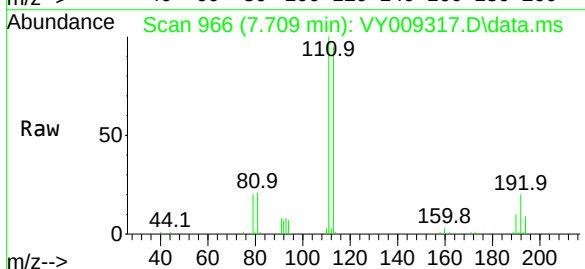
Tgt Ion:113 Resp: 73714

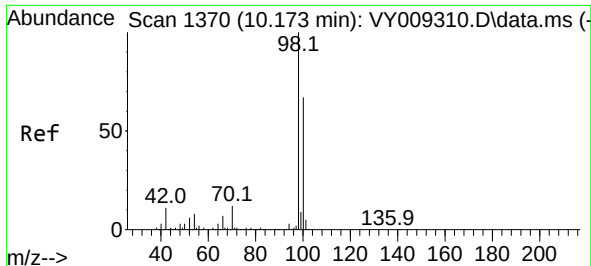
Ion Ratio Lower Upper

113 100

111 101.8 80.6 120.8

192 20.2 16.2 24.4

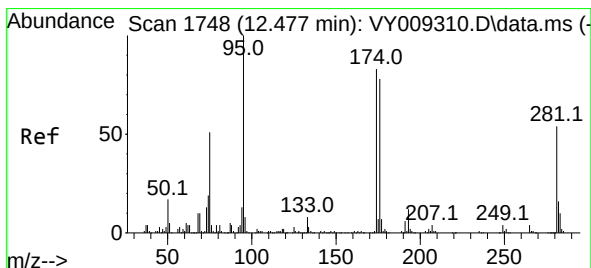
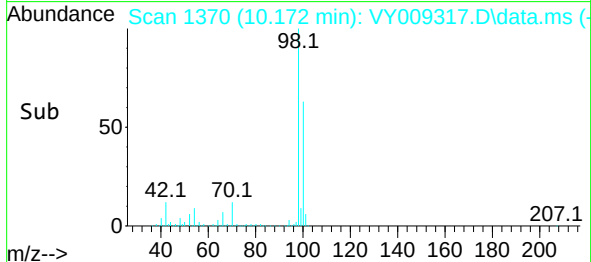
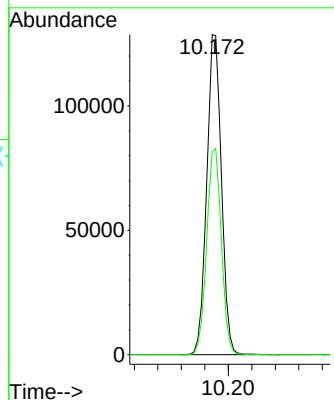
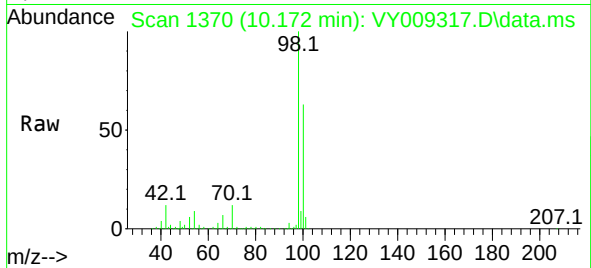




#50
Toluene-d8
Concen: 49.943 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

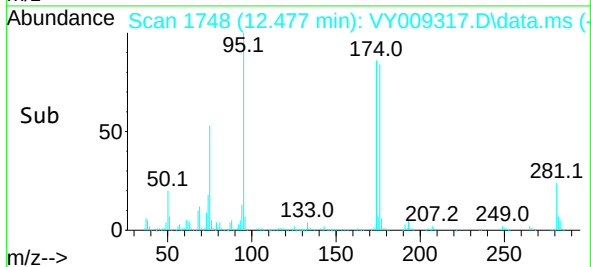
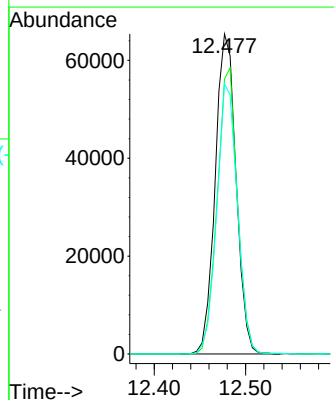
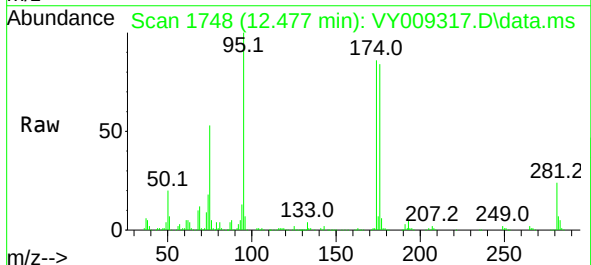
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBL01

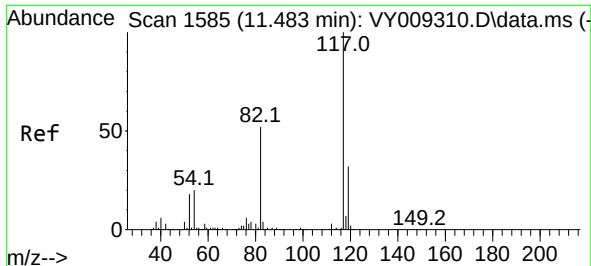
Tgt Ion: 98 Resp: 223298
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.423 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

Tgt Ion: 95 Resp: 103338
Ion Ratio Lower Upper
95 100
174 87.4 0.0 173.8
176 83.6 0.0 167.0

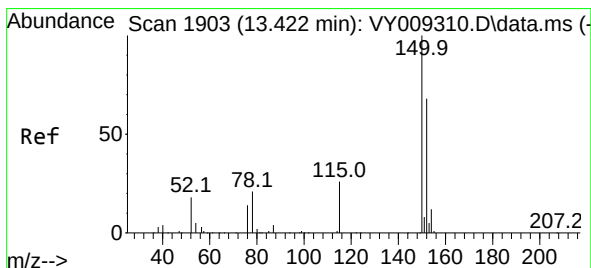
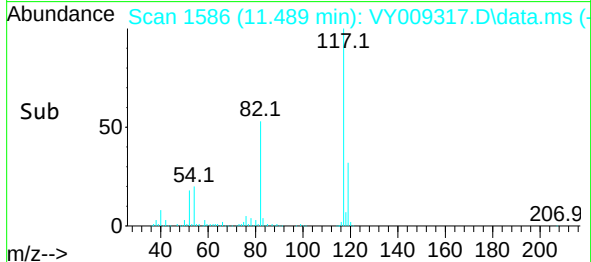
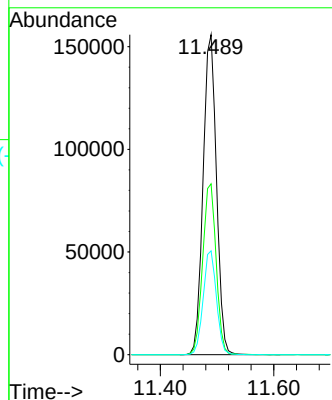
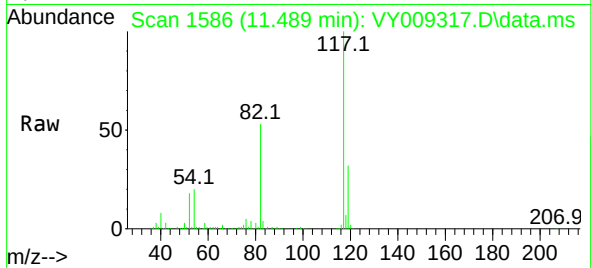




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBL01

Tgt Ion:117 Resp: 254185
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

Tgt Ion:152 Resp: 116494
Ion Ratio Lower Upper
152 100
115 57.3 28.6 85.9
150 160.8 0.0 349.8

