

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009375.D
 Acq On : 29 Jun 2022 16:08
 Operator : KP/MD
 Sample : N3503-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-062422

Quant Time: Jun 29 17:45:19 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	153298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	264077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67175	54.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.420%
35) Dibromofluoromethane	7.710	113	61729	42.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.940%
50) Toluene-d8	10.173	98	238641	53.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.100%
62) 4-Bromofluorobenzene	12.477	95	74146	35.083	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.160%

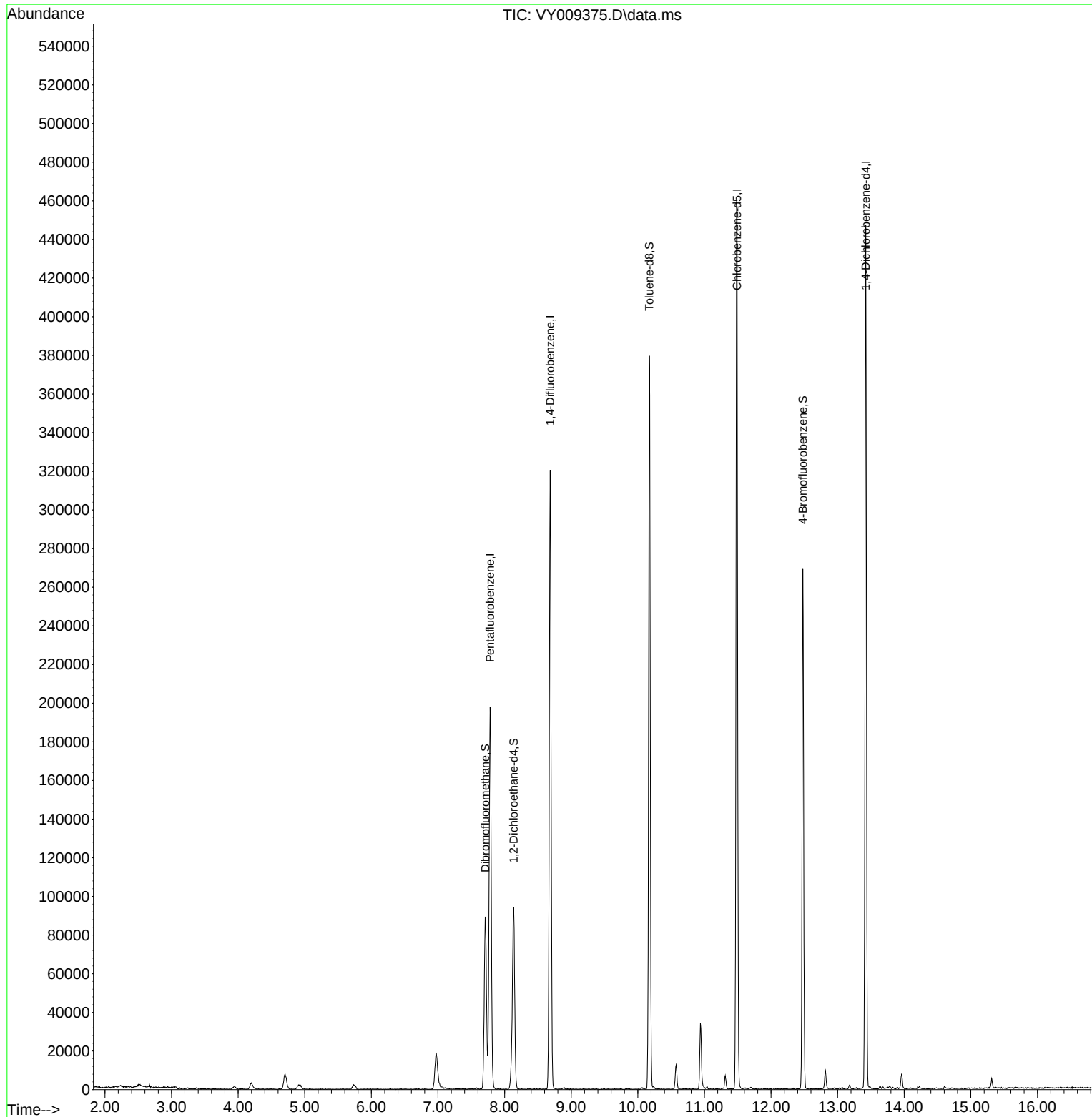
Target Compounds	Qvalue

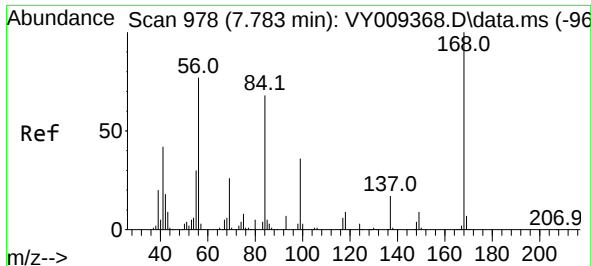
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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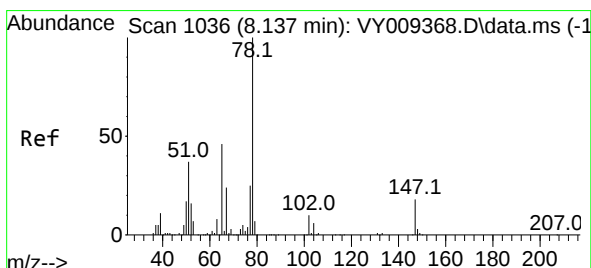
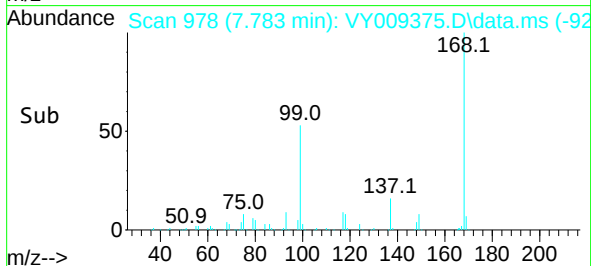
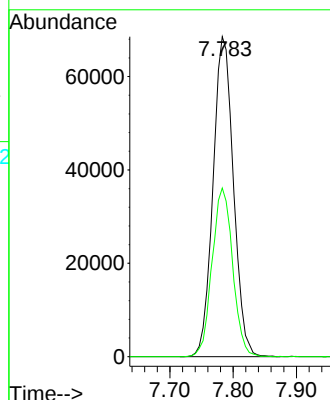
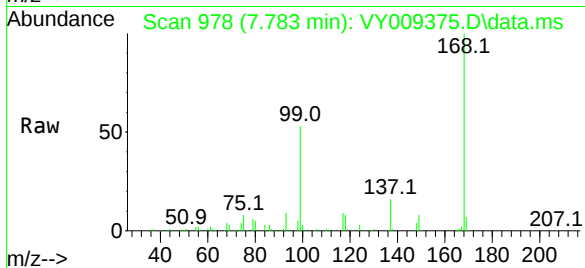




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

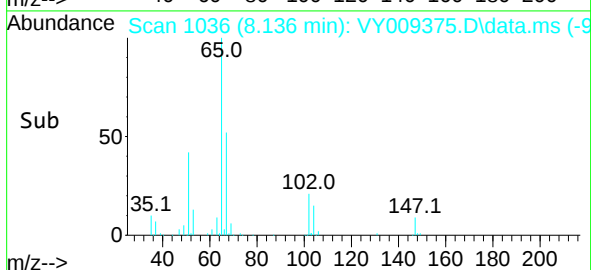
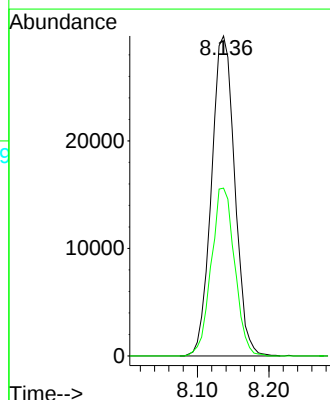
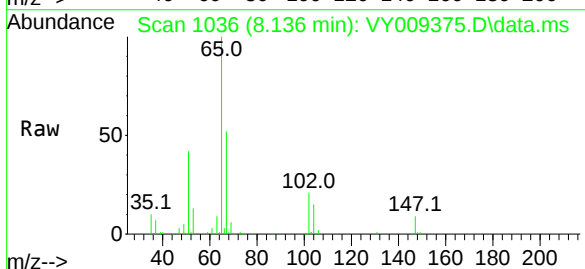
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062422

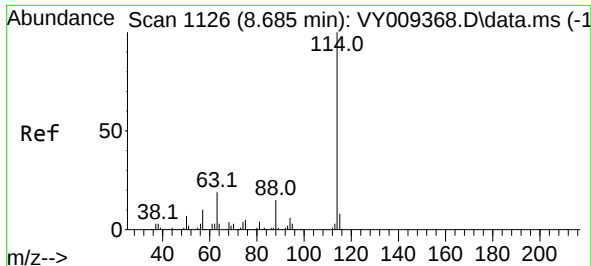
Tgt Ion:168 Resp: 153298
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.709 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

Tgt Ion: 65 Resp: 67175
Ion Ratio Lower Upper
65 100
67 52.8 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: VY009375.D

Acq: 29 Jun 2022 16:08

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-062422

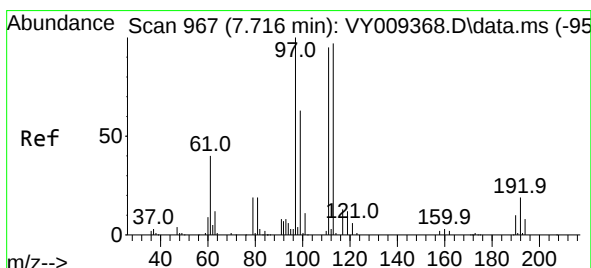
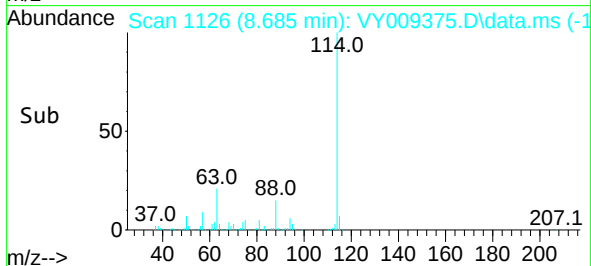
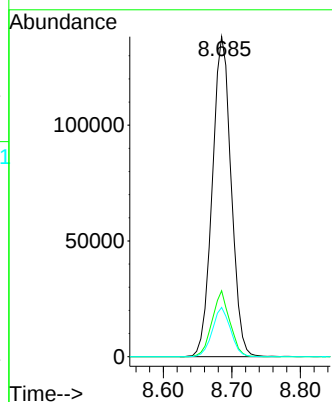
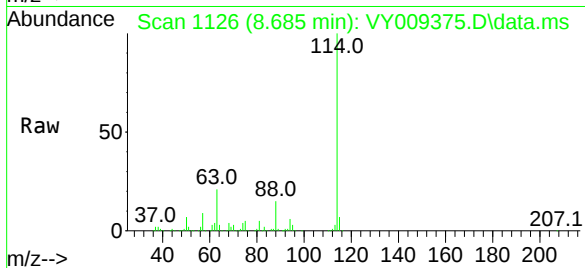
Tgt Ion:114 Resp: 264077

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.472 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009375.D

Acq: 29 Jun 2022 16:08

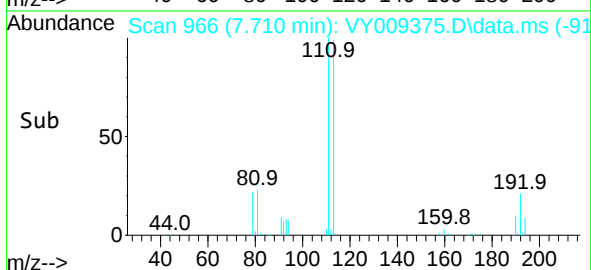
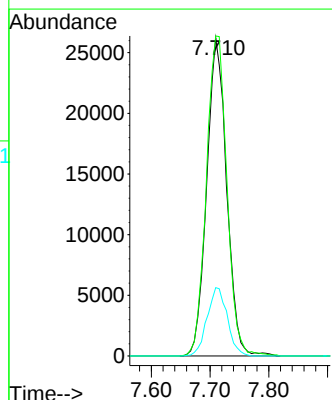
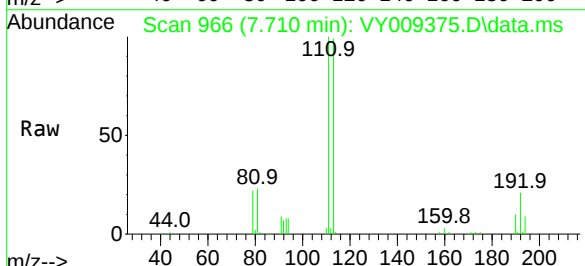
Tgt Ion:113 Resp: 61729

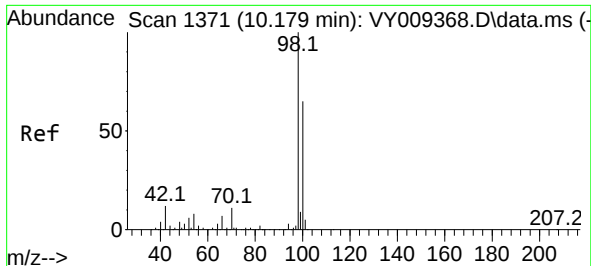
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 21.8 17.6 26.4

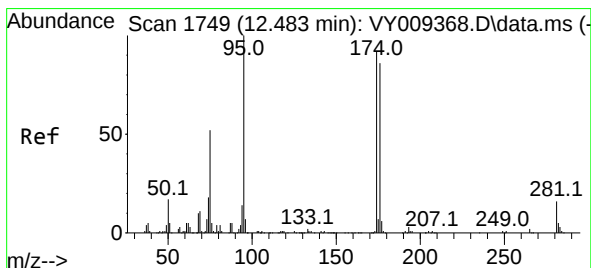
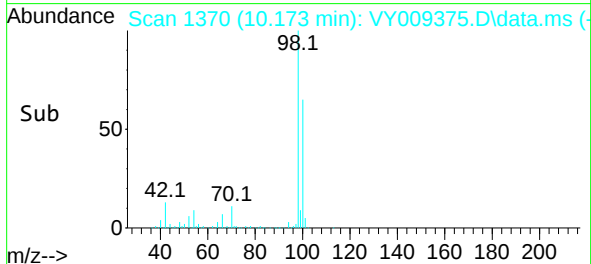
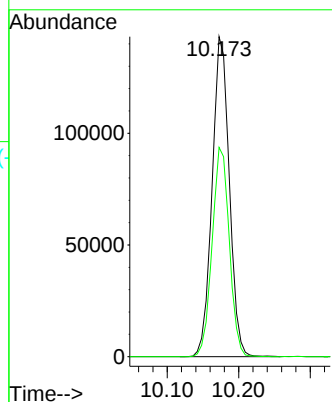
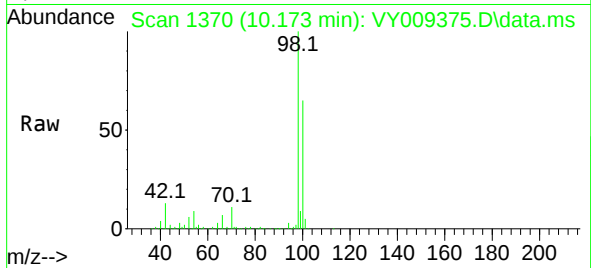




#50
Toluene-d8
Concen: 53.553 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

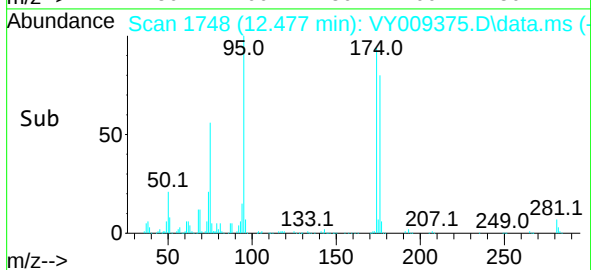
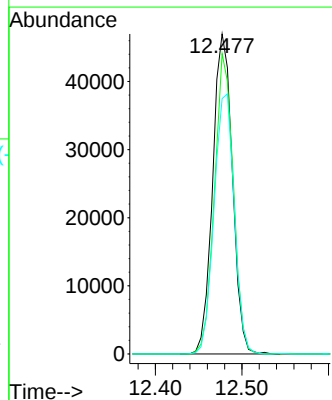
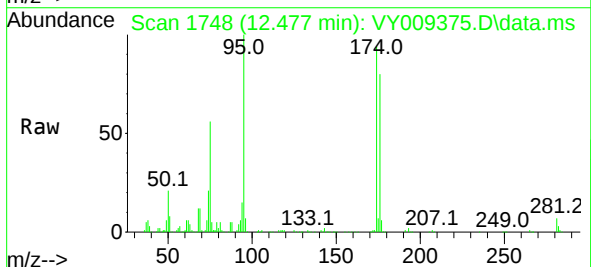
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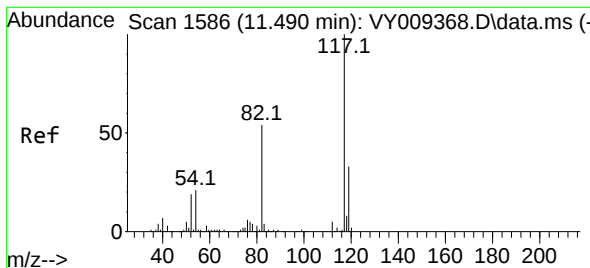
Tgt Ion: 98 Resp: 238641
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.083 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

Tgt Ion: 95 Resp: 74146
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 83.4 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: VY009375.D

Acq: 29 Jun 2022 16:08

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-062422

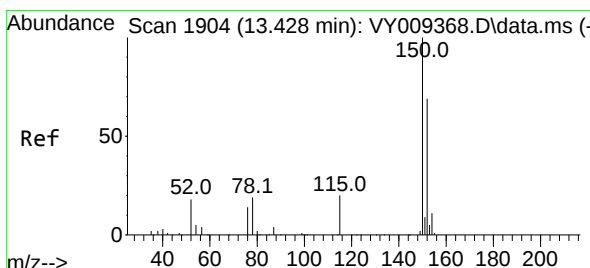
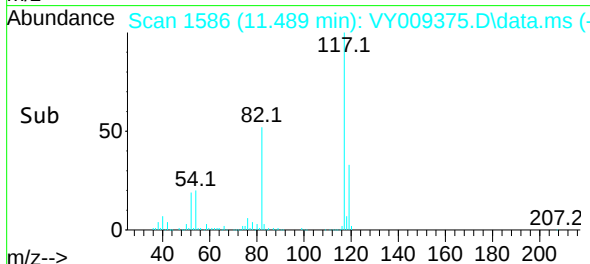
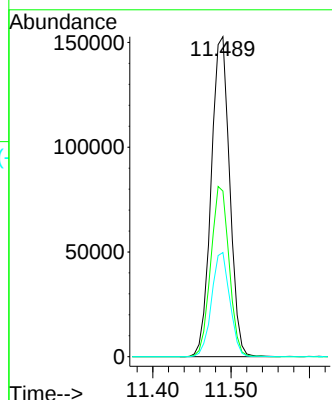
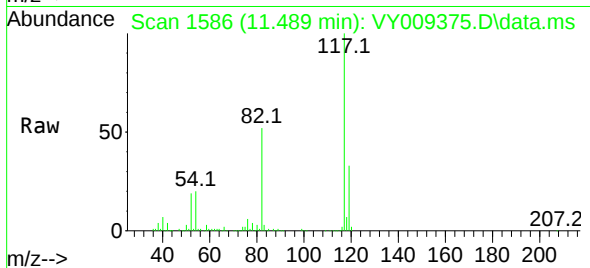
Tgt Ion:117 Resp: 250276

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

119 32.6 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: VY009375.D

Acq: 29 Jun 2022 16:08

Tgt Ion:152 Resp: 108520

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 157.9 0.0 347.6

