

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009383.D
 Acq On : 29 Jun 2022 19:24
 Operator : KP/MD
 Sample : N3488-03
 Misc : 3.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-22.5-24.5-20220623

Quant Time: Jun 30 05:13:53 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	146629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	241375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66561	56.675	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.340%
35) Dibromofluoromethane	7.710	113	58180	41.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.640%
50) Toluene-d8	10.173	98	227340	53.296	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.600%
62) 4-Bromofluorobenzene	12.477	95	71739	35.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.920%

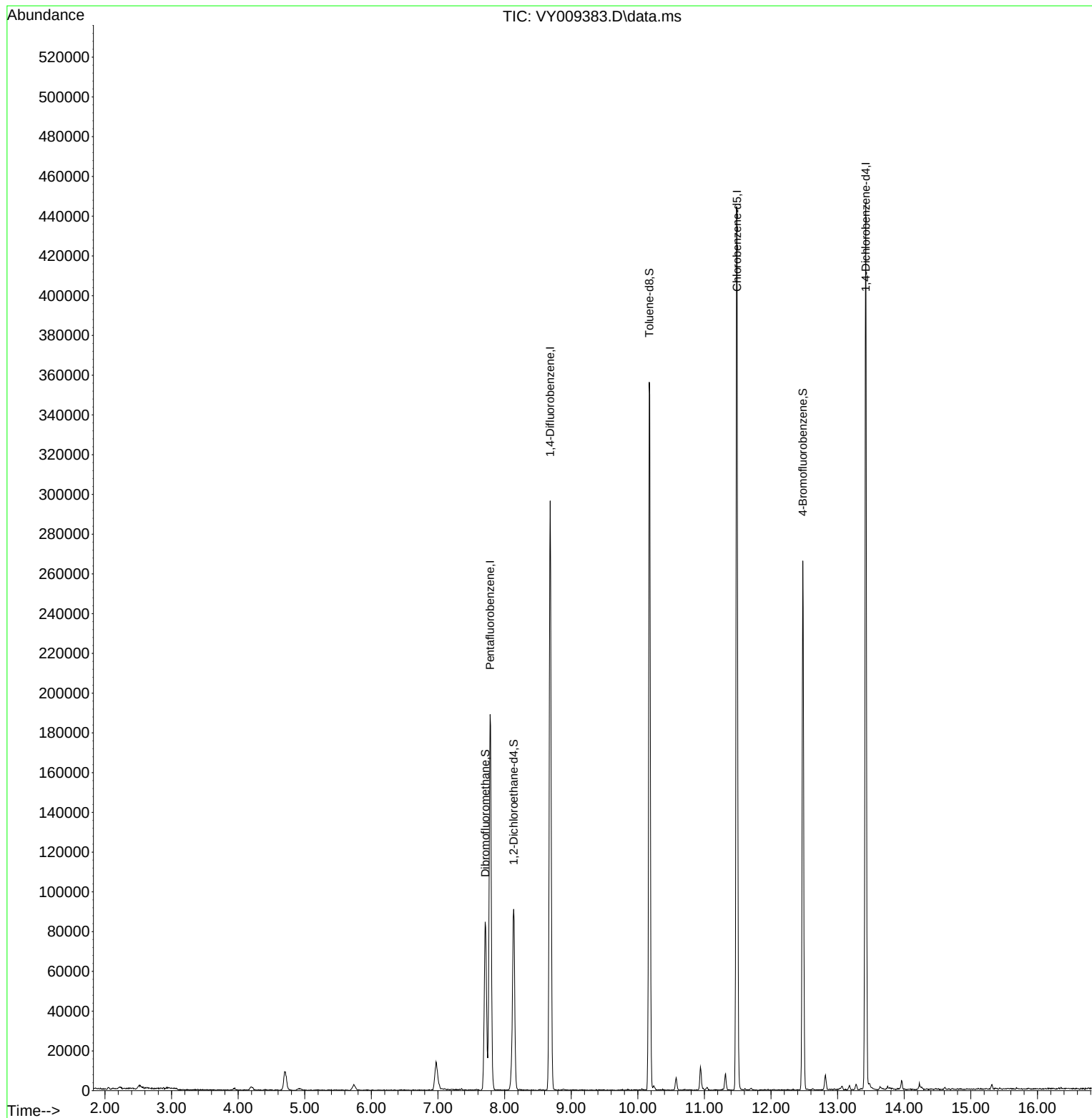
Target Compounds	Qvalue

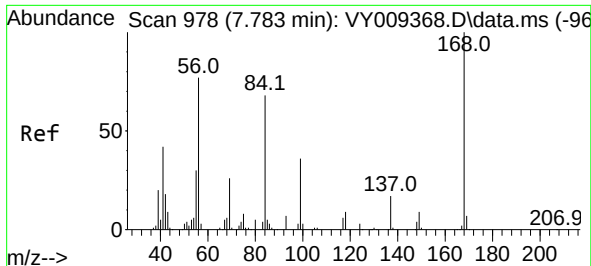
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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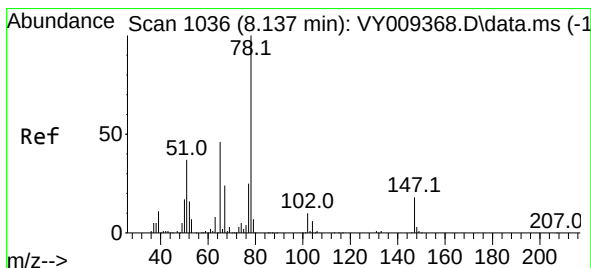
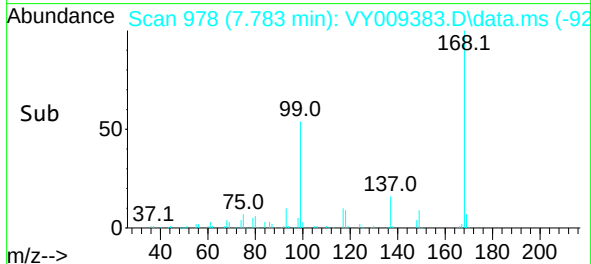
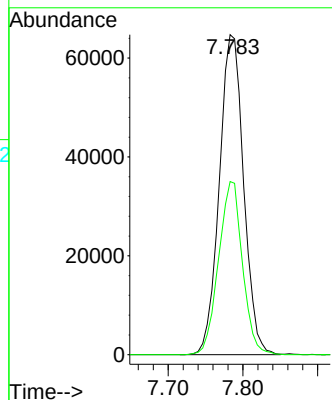
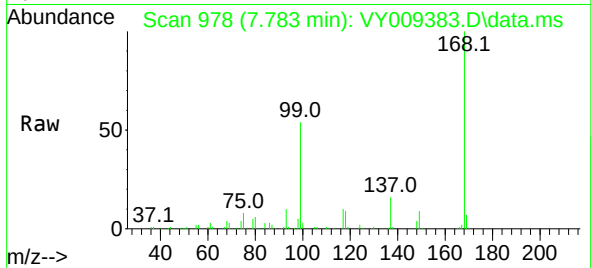




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

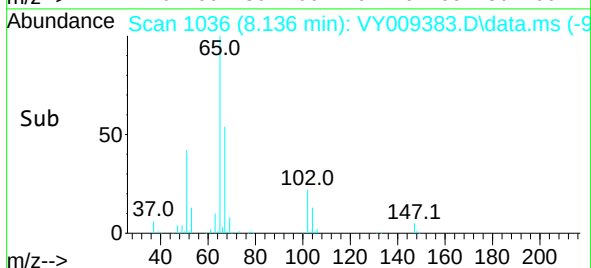
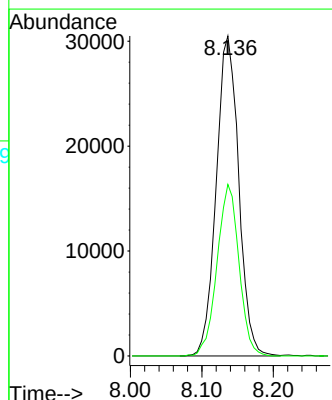
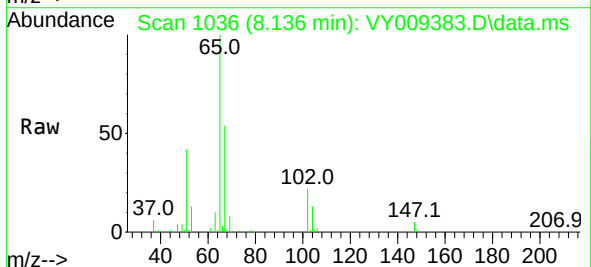
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-22.5-24.5-20220623

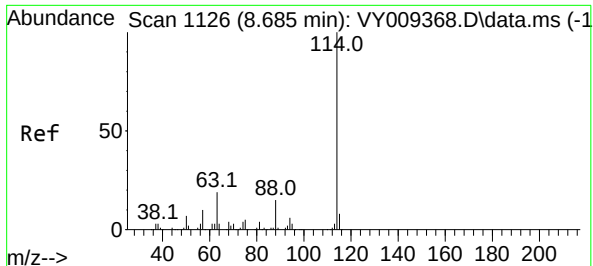
Tgt Ion:168 Resp: 146629
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.675 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

Tgt Ion: 65 Resp: 66561
Ion Ratio Lower Upper
65 100
67 52.4 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: VY009383.D

Acq: 29 Jun 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-9-22.5-24.5-20220623

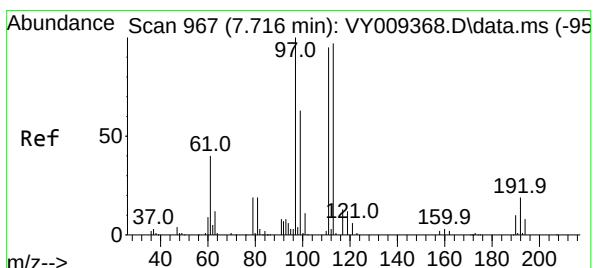
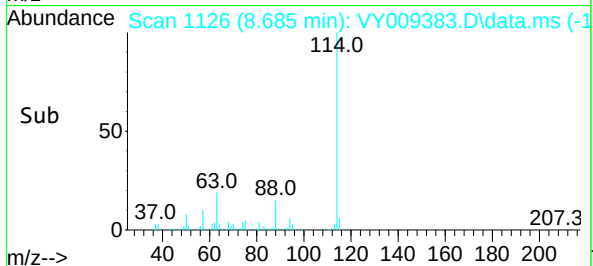
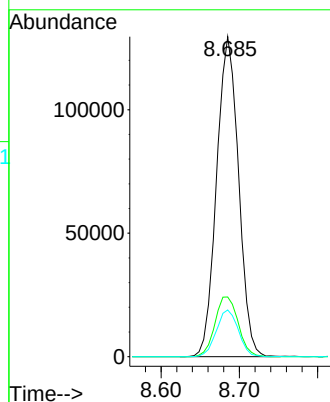
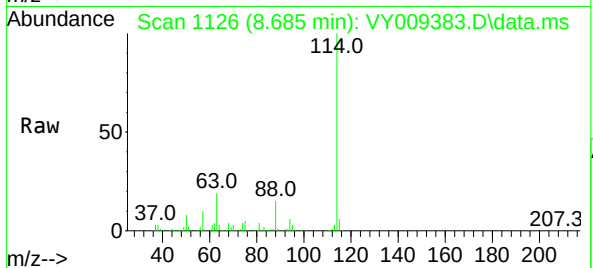
Tgt Ion:114 Resp: 252782

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.818 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009383.D

Acq: 29 Jun 2022 19:24

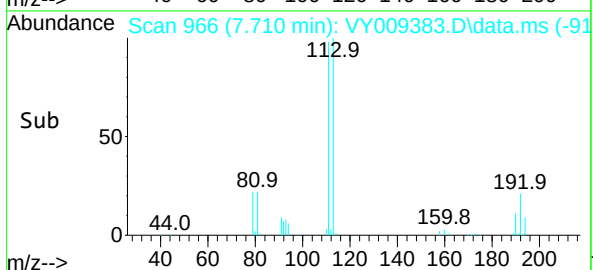
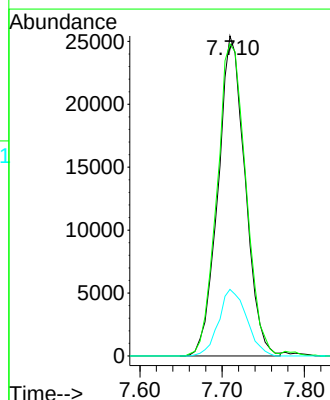
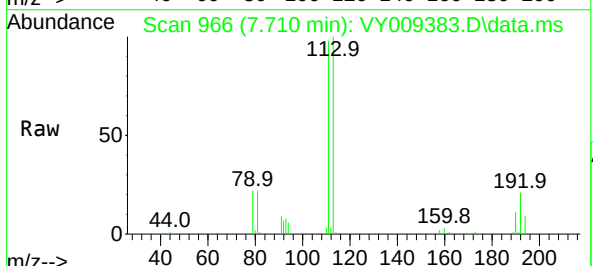
Tgt Ion:113 Resp: 58180

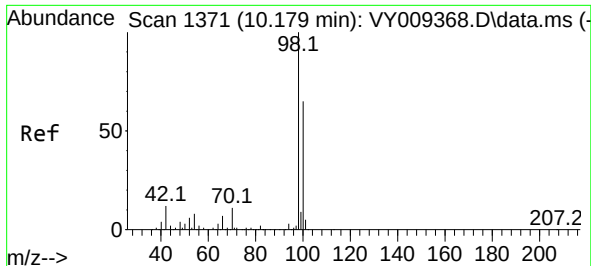
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 21.5 17.6 26.4

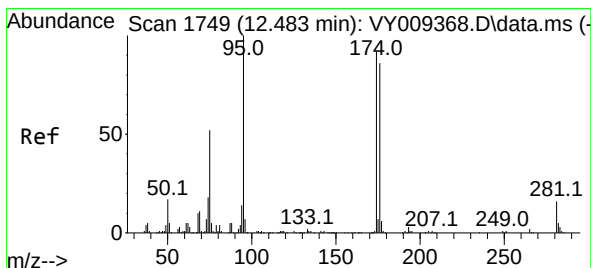
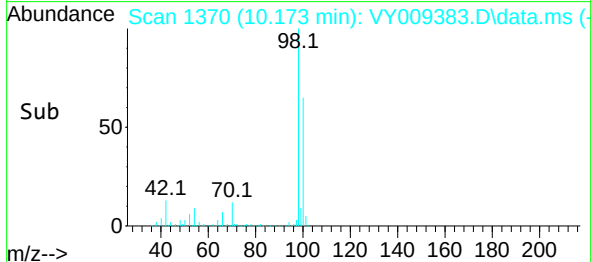
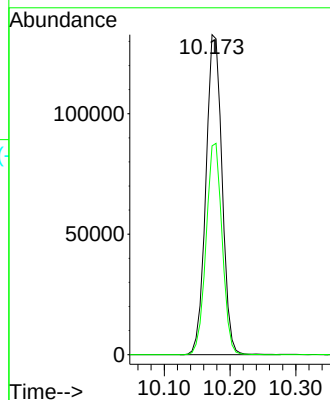
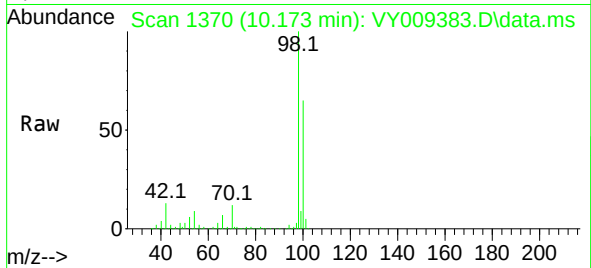




#50
Toluene-d8
Concen: 53.296 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

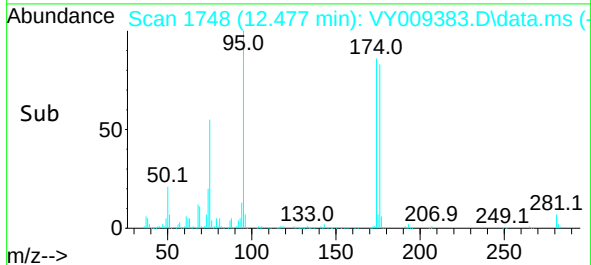
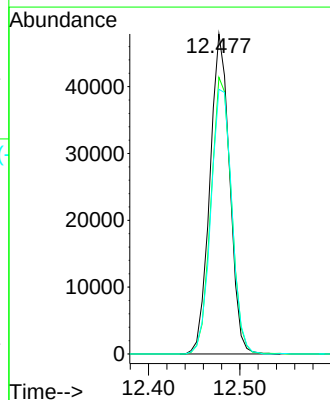
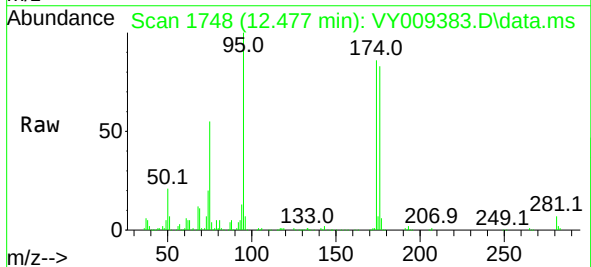
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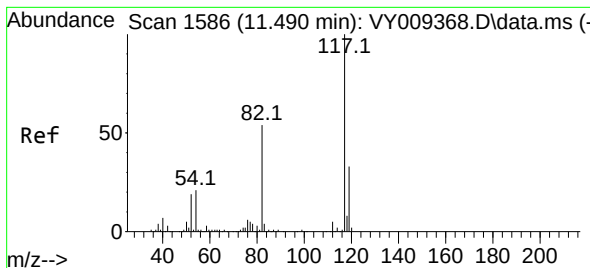
Tgt Ion: 98 Resp: 227340
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.461 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

Tgt Ion: 95 Resp: 71739
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 87.8 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: VY009383.D

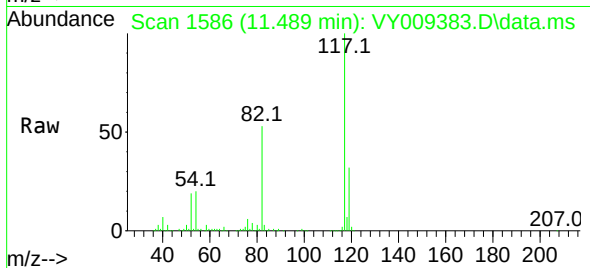
Acq: 29 Jun 2022 19:24

Instrument :

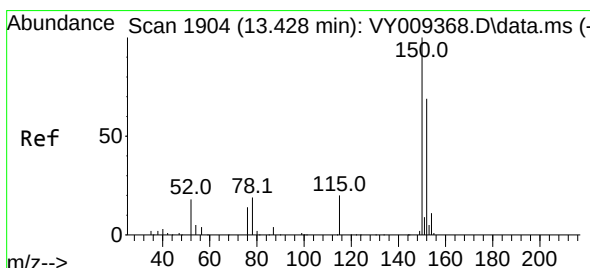
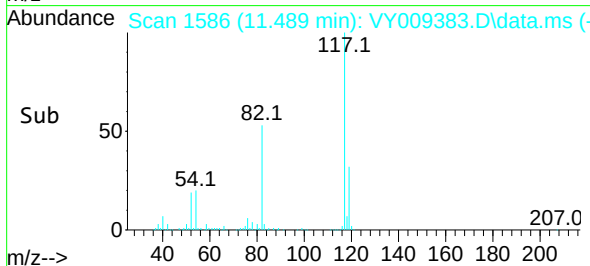
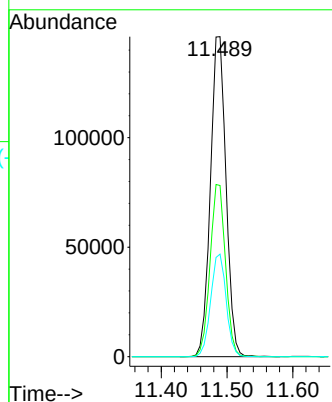
MSVOA_Y

ClientSampleId :

SB-9-22.5-24.5-20220623



Tgt Ion:	117	Resp:	241375
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.0	64.4
119	32.0	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: VY009383.D

Acq: 29 Jun 2022 19:24

Tgt Ion:	152	Resp:	109652
Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.7
150	155.8	0.0	347.6

