

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009382.D
 Acq On : 29 Jun 2022 19:00
 Operator : KP/MD
 Sample : N3488-02
 Misc : 4.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-8.5-10.5-20220623

Quant Time: Jun 30 05:13:40 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	7.789	168	4705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6476	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2326	61.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.440%	
35) Dibromofluoromethane	7.716	113	647	18.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 36.560%#	
50) Toluene-d8	10.179	98	6470	59.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.260%	
62) 4-Bromofluorobenzene	12.477	95	1450	28.177	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 56.360%	

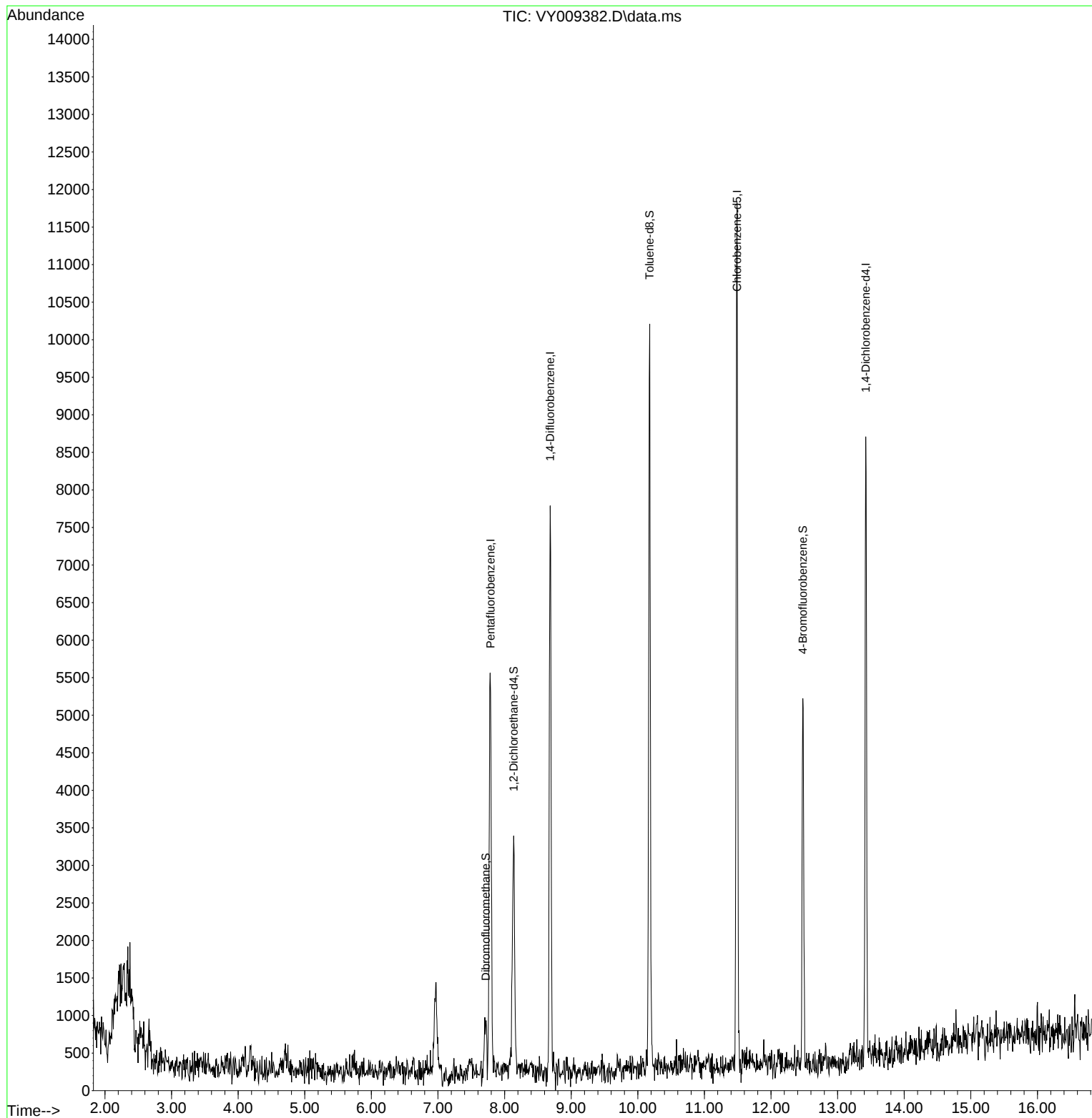
Target Compounds Qvalue

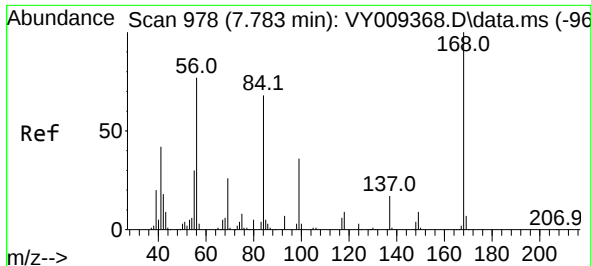
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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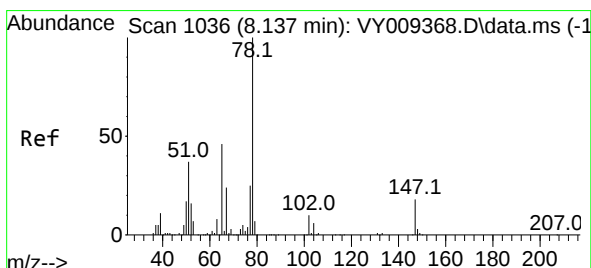
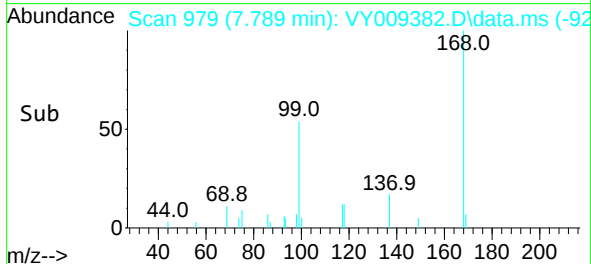
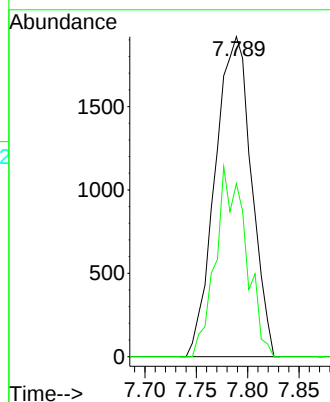
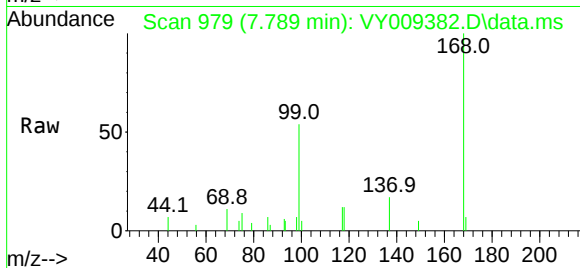




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009382.D
Acq: 29 Jun 2022 19:00

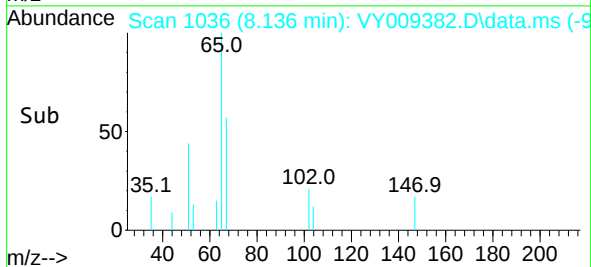
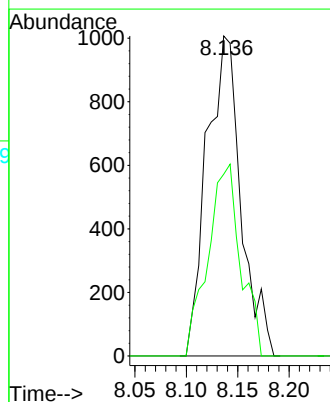
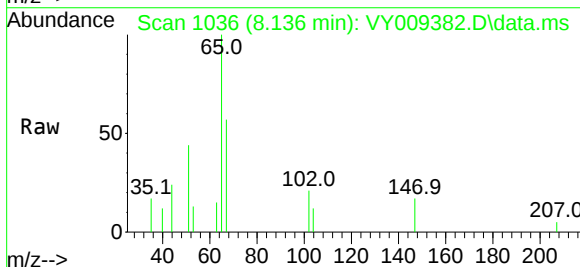
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-8.5-10.5-20220623

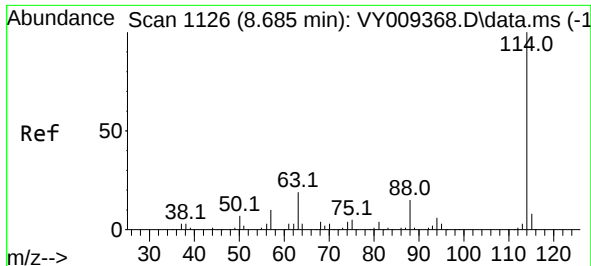
Tgt Ion:168 Resp: 4705
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.722 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009382.D
Acq: 29 Jun 2022 19:00

Tgt Ion: 65 Resp: 2326
Ion Ratio Lower Upper
65 100
67 57.5 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: VY009382.D

Acq: 29 Jun 2022 19:00

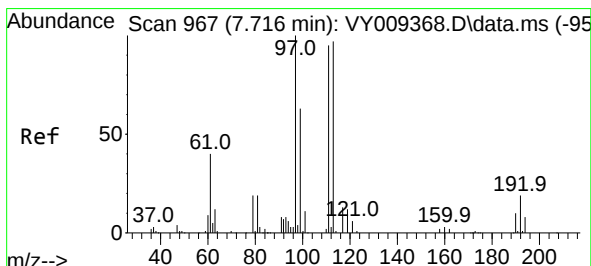
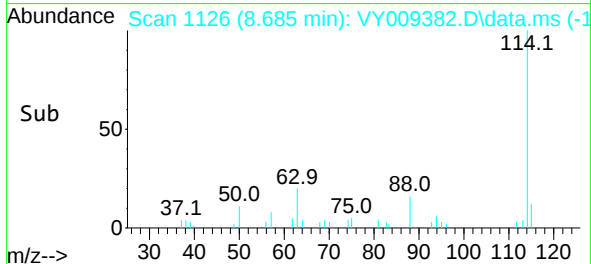
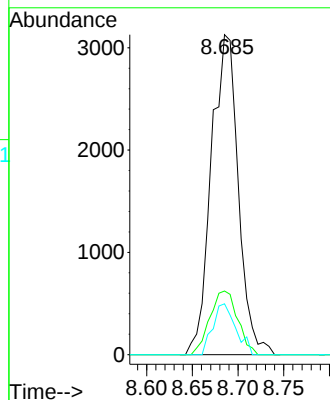
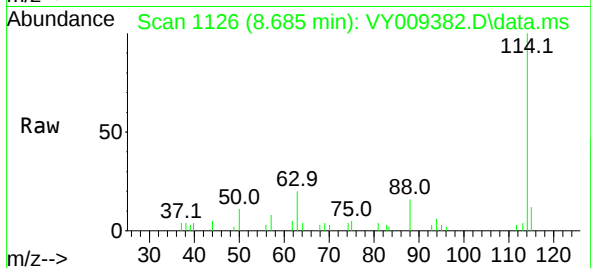
Instrument :

MSVOA_Y

ClientSampleId :

SB-9-8.5-10.5-20220623

Tgt Ion:114	Resp:	6430
Ion	Ratio	Lower Upper
114	100	
63	19.9	0.0 43.2
88	15.9	0.0 31.8



#35

Dibromofluoromethane

Concen: 18.282 ug/l

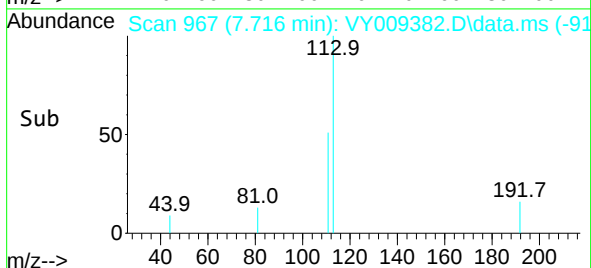
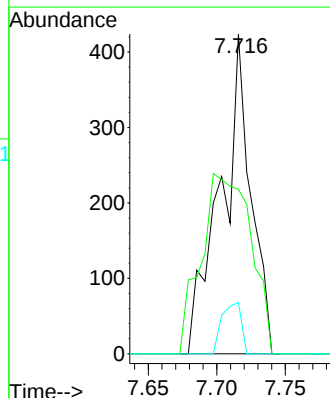
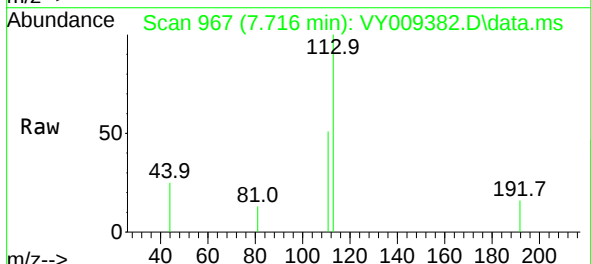
RT: 7.716 min Scan# 967

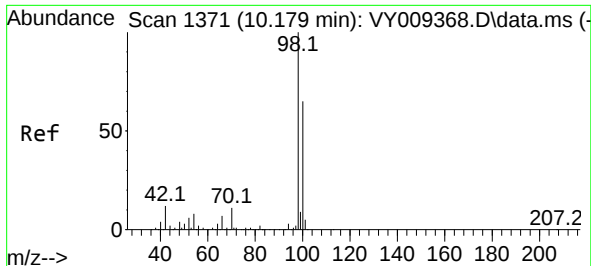
Delta R.T. 0.006 min

Lab File: VY009382.D

Acq: 29 Jun 2022 19:00

Tgt Ion:113	Resp:	647
Ion	Ratio	Lower Upper
113	100	
111	93.4	82.6 124.0
192	10.4	17.6 26.4

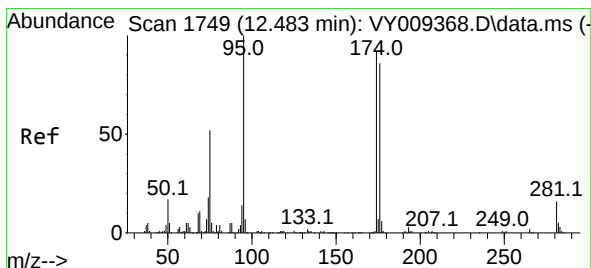
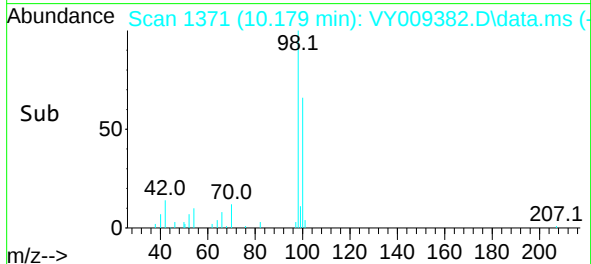
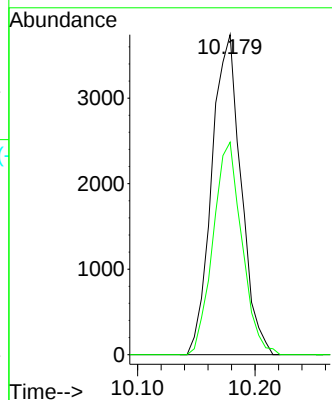
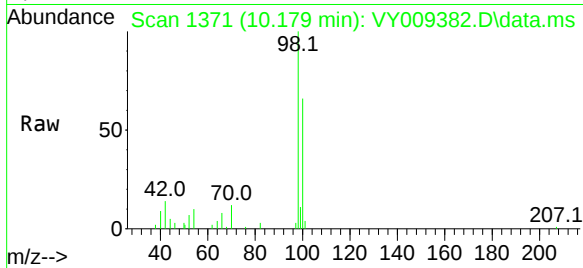




#50
Toluene-d8
Concen: 59.630 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009382.D
Acq: 29 Jun 2022 19:00

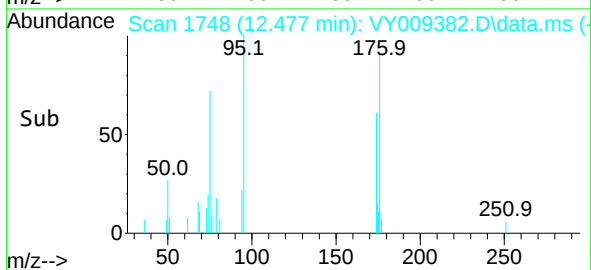
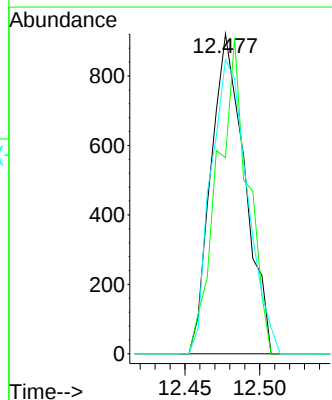
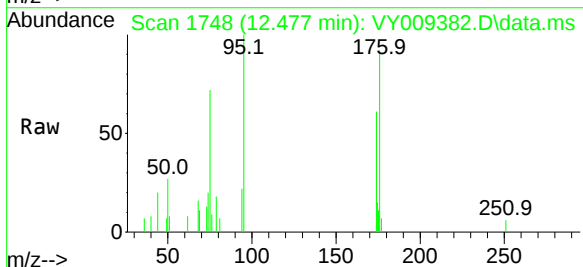
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-8.5-10.5-20220623

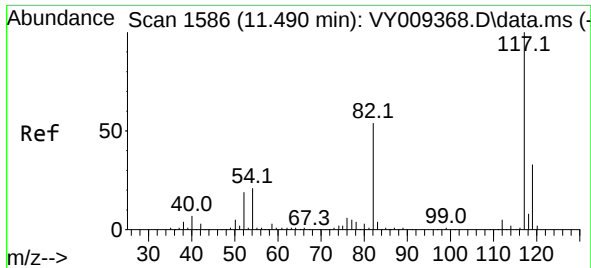
Tgt Ion: 98 Resp: 6470
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.177 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009382.D
Acq: 29 Jun 2022 19:00

Tgt Ion: 95 Resp: 1450
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 99.2 0.0 175.8

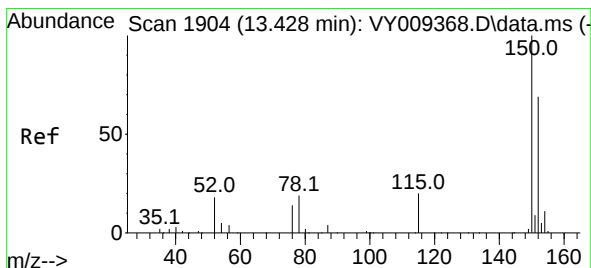
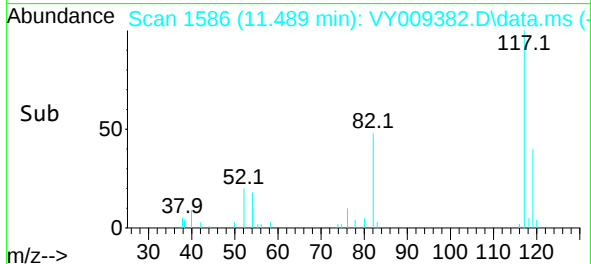
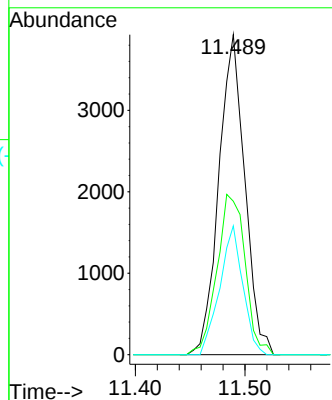
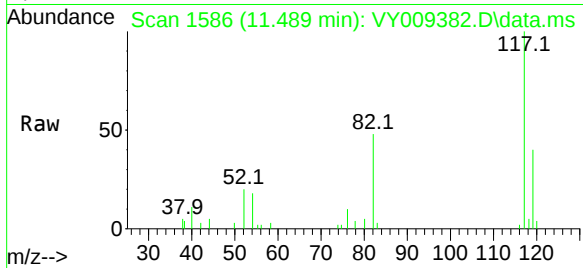




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009382.D
Acq: 29 Jun 2022 19:00

Instrument :
MSVOA_Y
ClientSampleId :
SB-9-8.5-10.5-20220623

Tgt Ion:117 Resp: 6476
Ion Ratio Lower Upper
117 100
82 47.9 43.0 64.4
119 40.3 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: VY009382.D
Acq: 29 Jun 2022 19:00

Tgt Ion:152 Resp: 2369
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 148.2 0.0 347.6

