

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018533.D
 Acq On : 07 Jun 2024 17:44
 Operator : SY/MD
 Sample : P2756-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-06062024

Quant Time: Jun 07 23:17:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	1266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	188	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1432	81.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.400%	
35) Dibromofluoromethane	7.710	113	899	35.236	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 70.480%	
50) Toluene-d8	10.173	98	2607	25.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 51.360%#	
62) 4-Bromofluorobenzene	12.483	95	408	12.910	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 25.820%#	

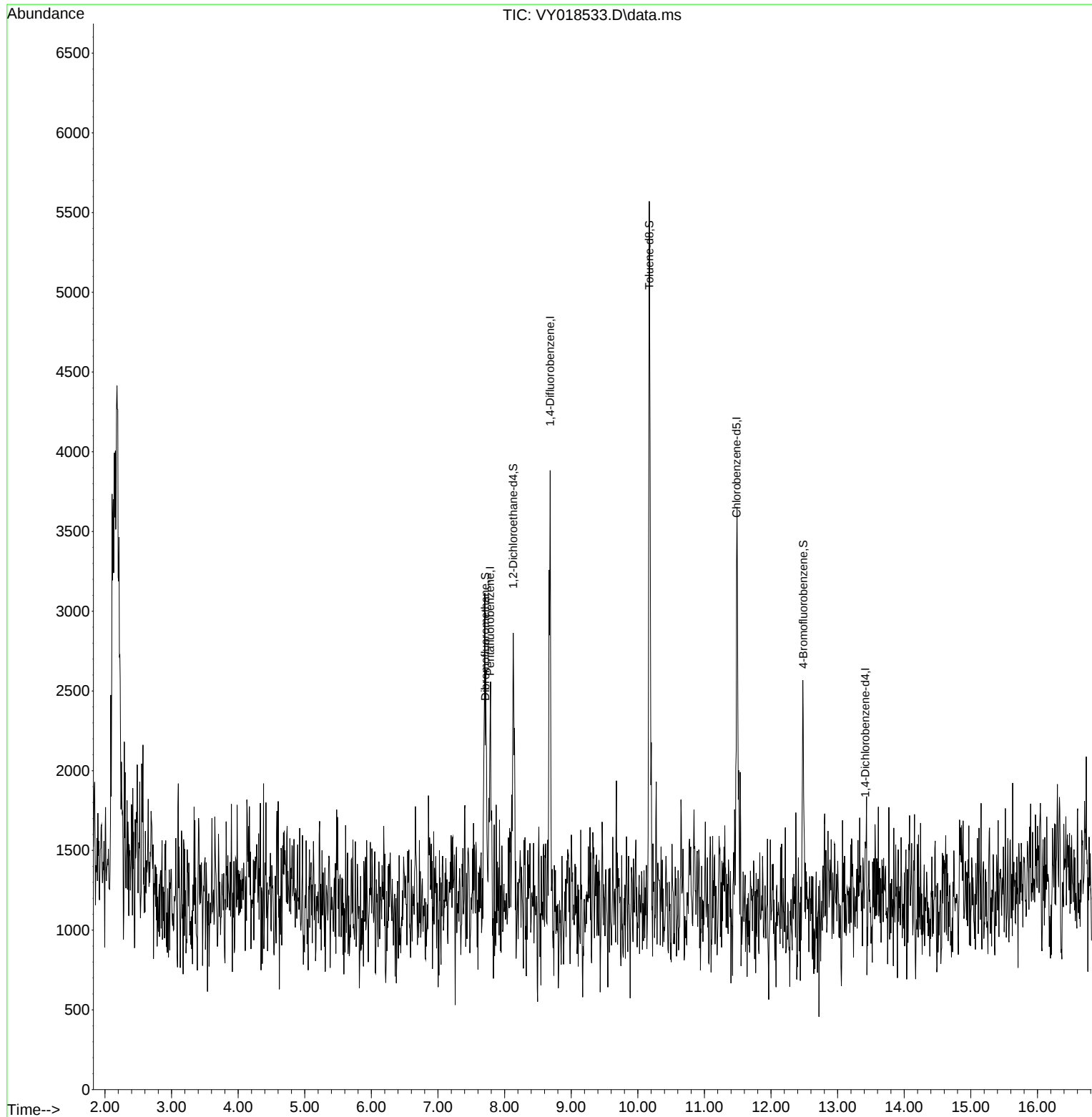
Target Compounds	Qvalue

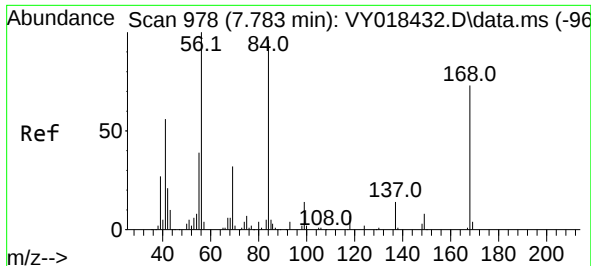
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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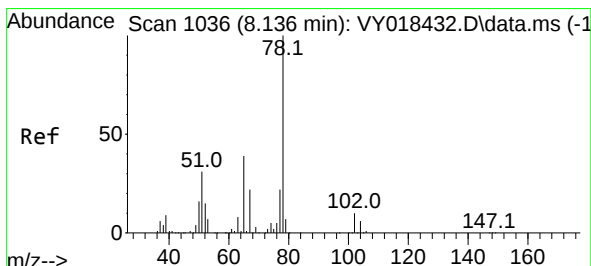
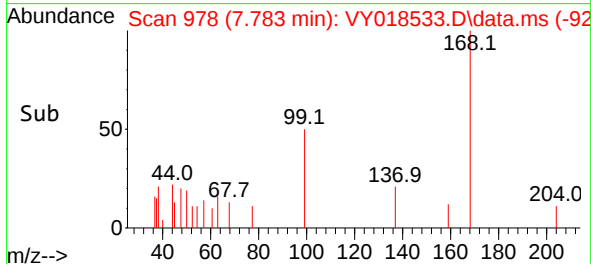
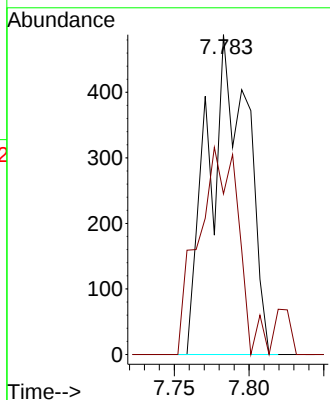
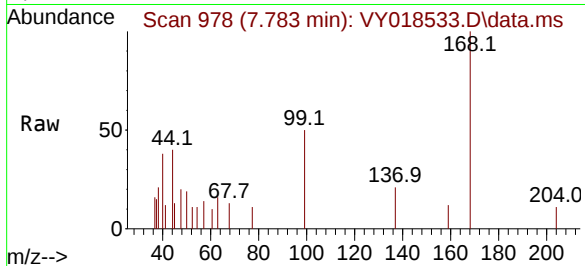




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

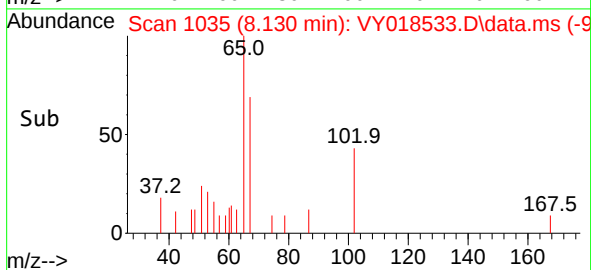
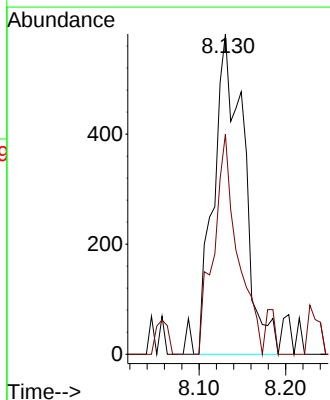
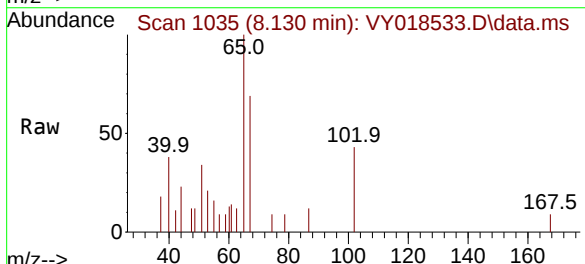
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-06062024

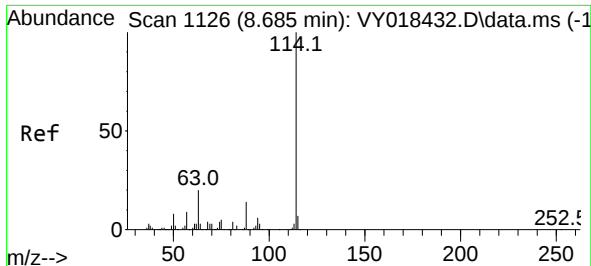
Tgt Ion:168 Resp: 898
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 81.201 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 65 Resp: 1432
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-06062024

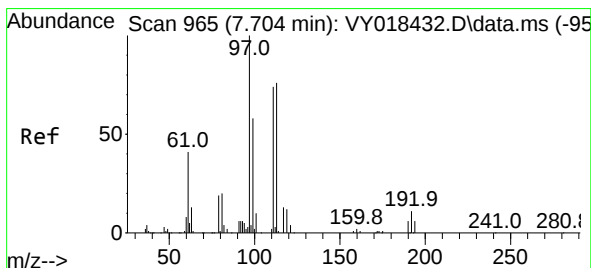
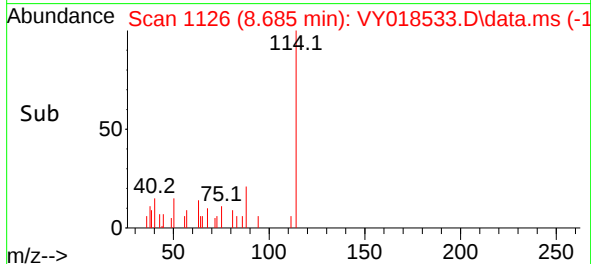
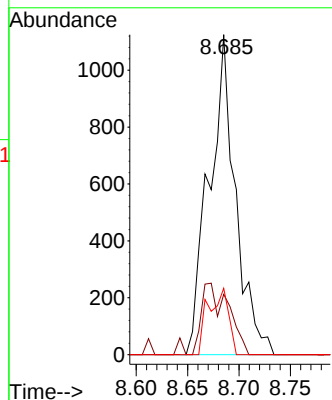
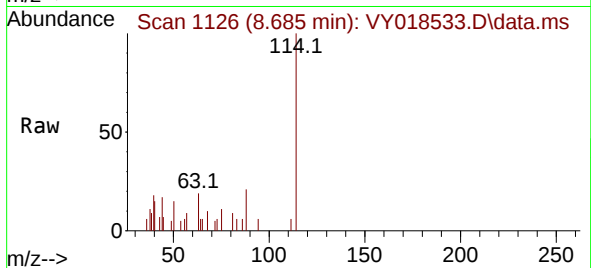
Tgt Ion:114 Resp: 2012

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 20.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 35.236 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

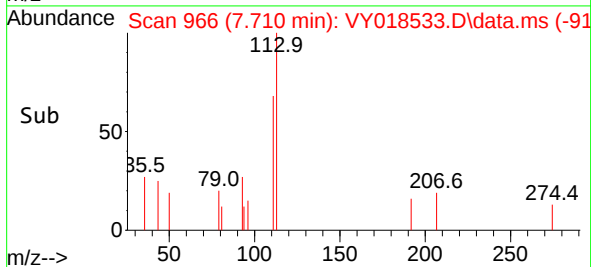
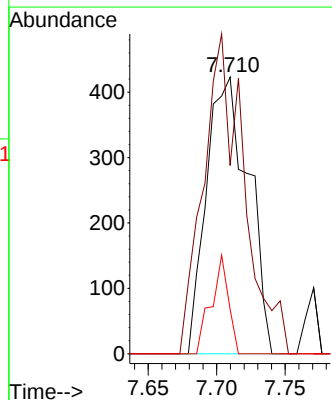
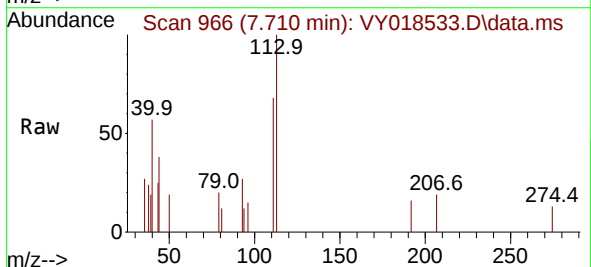
Tgt Ion:113 Resp: 899

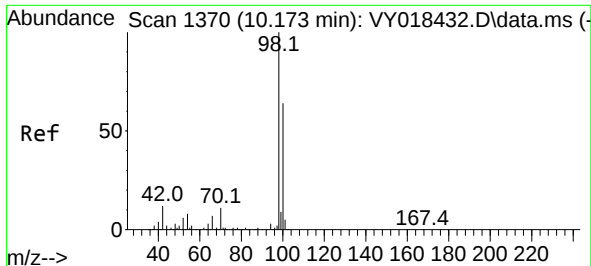
Ion Ratio Lower Upper

113 100

111 112.0 82.2 123.4

192 14.7 15.9 23.9#

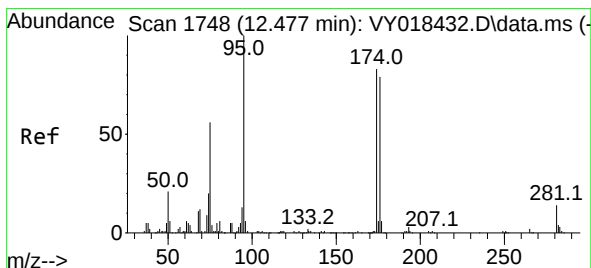
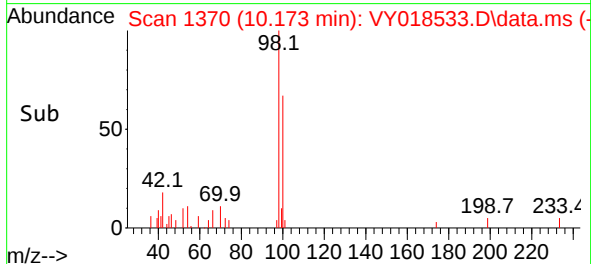
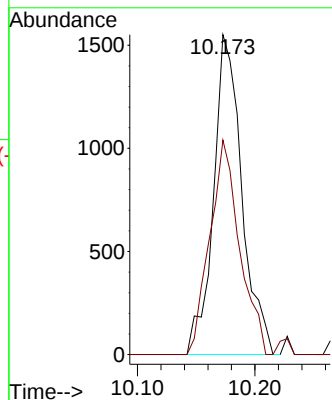
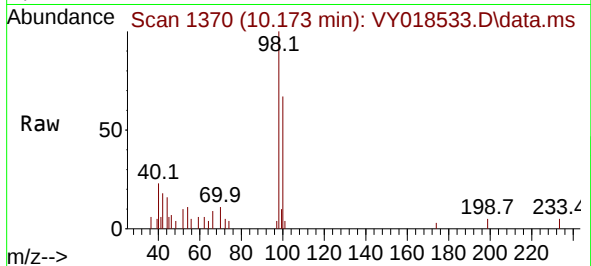




#50
Toluene-d8
Concen: 25.685 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

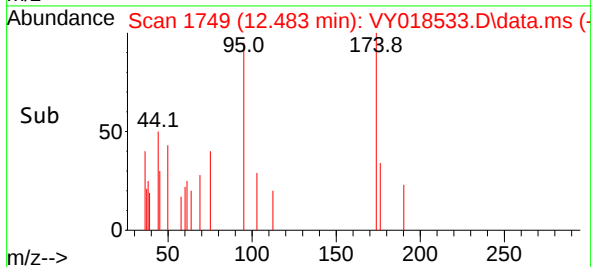
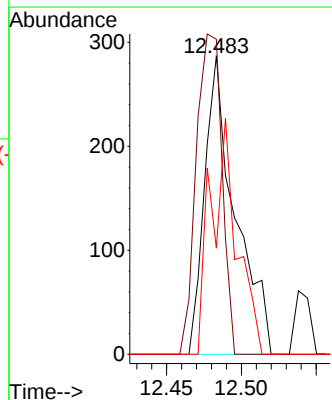
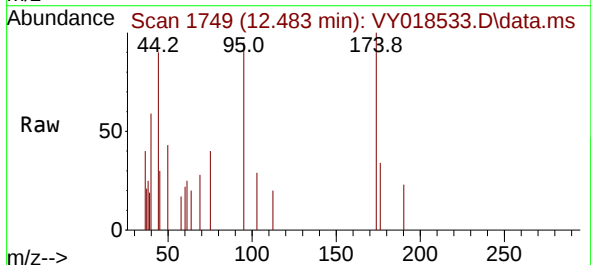
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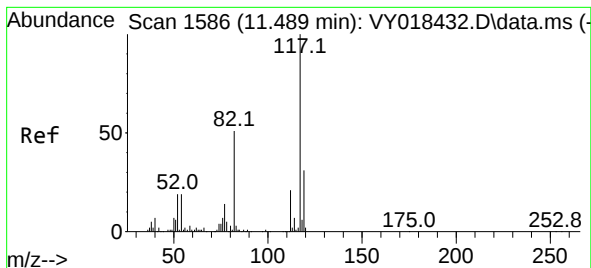
Tgt Ion: 98 Resp: 2607
Ion Ratio Lower Upper
98 100
100 70.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 12.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 95 Resp: 408
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.6
176 66.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

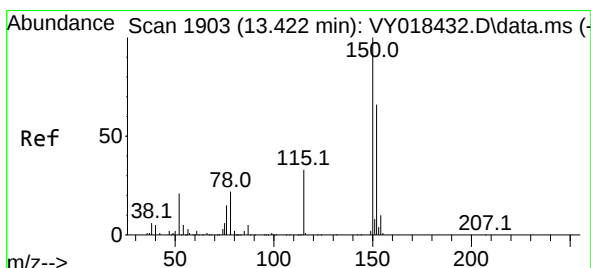
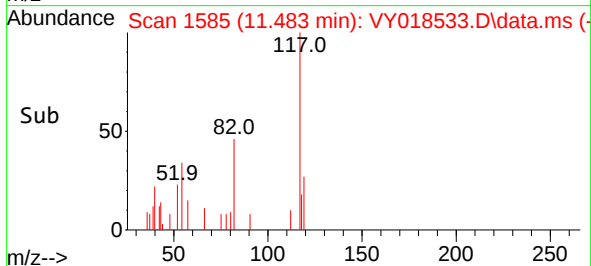
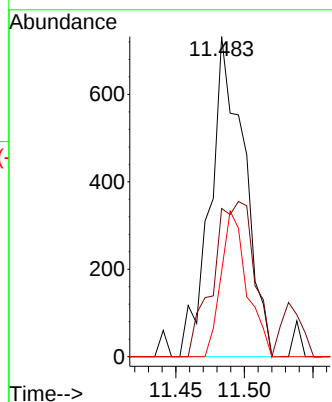
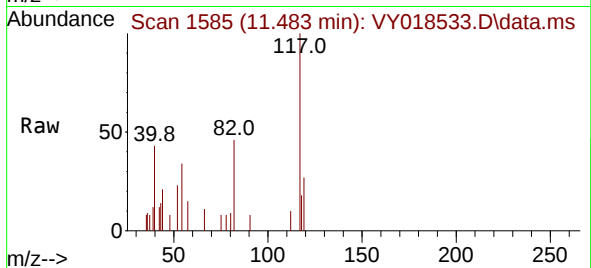
Instrument :

MSVOA_Y

ClientSampleId :

OR-02-06062024

Tgt Ion:	117	Resp:	1266
Ion	Ratio	Lower	Upper
117	100		
82	46.3	42.4	63.6
119	26.6	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.416 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

Tgt Ion:	152	Resp:	188
Ion	Ratio	Lower	Upper
152	100		
115	25.5	28.2	84.7#
150	101.1	0.0	345.6

