

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018527.D
 Acq On : 07 Jun 2024 15:14
 Operator : SY/MD
 Sample : P2707-06
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-04

Quant Time: Jun 07 23:13:44 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	7.777	168	823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	237	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	1453	89.900	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.800%#
35) Dibromofluoromethane	7.698	113	969	45.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.440%
50) Toluene-d8	10.179	98	2745	32.197	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	64.400%
62) 4-Bromofluorobenzene	12.489	95	539	20.305	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.620%

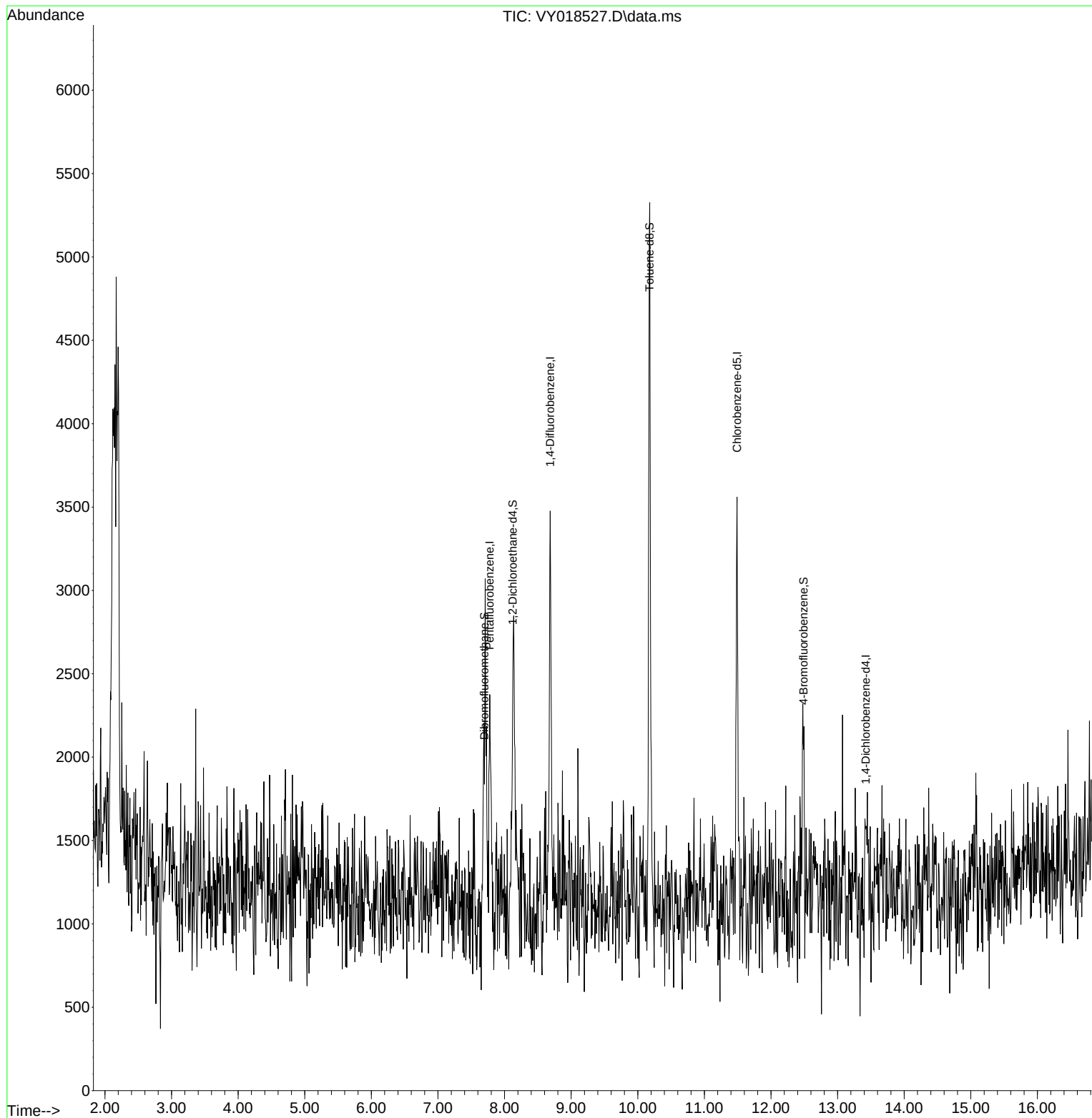
Target Compounds	Qvalue

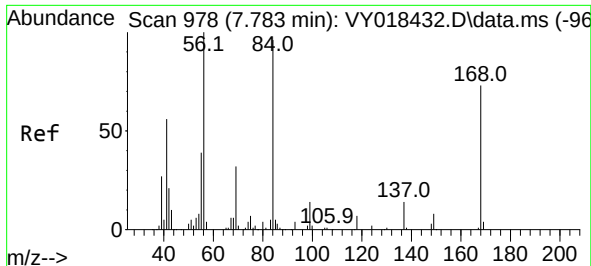
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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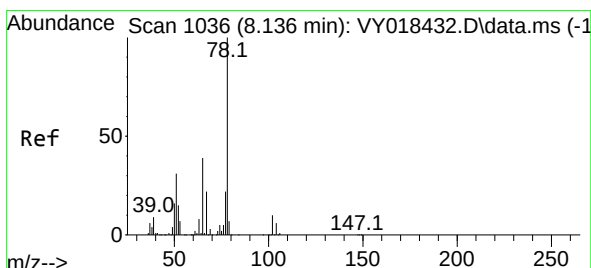
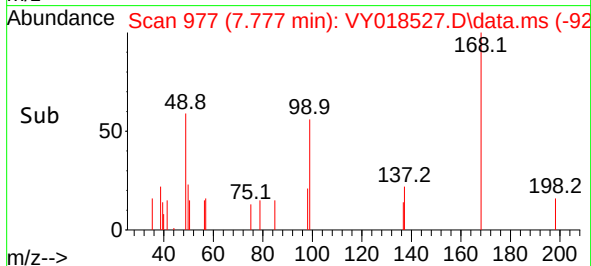
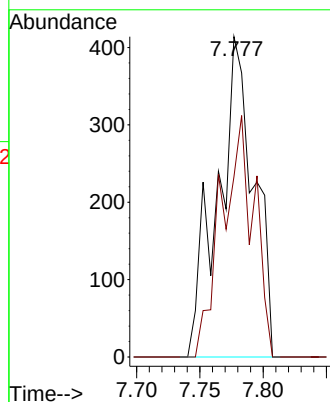
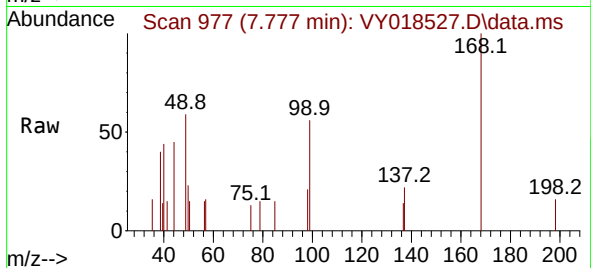




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

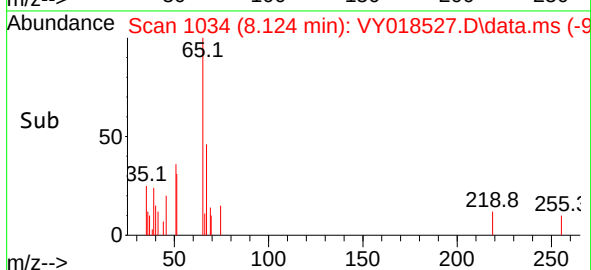
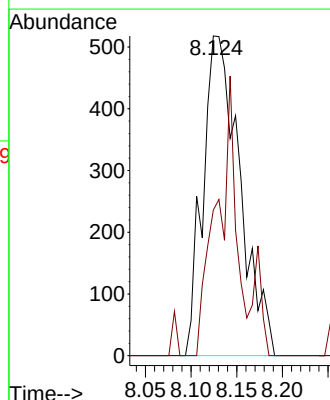
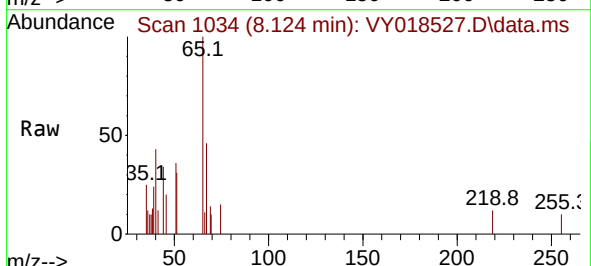
Instrument :
MSVOA_Y
ClientSampleId :
SW-04

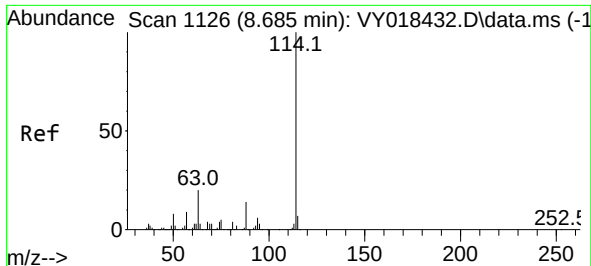
Tgt Ion:168 Resp: 823
Ion Ratio Lower Upper
168 100
99 56.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 89.900 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.012 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 65 Resp: 1453
Ion Ratio Lower Upper
65 100
67 45.4 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: VY018527.D

Acq: 07 Jun 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :

SW-04

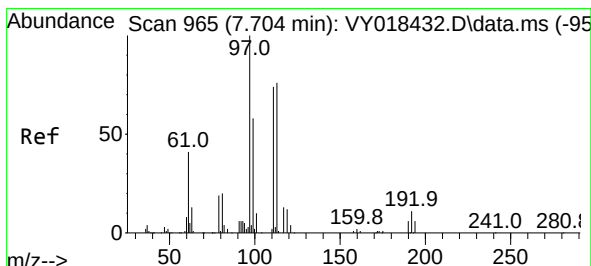
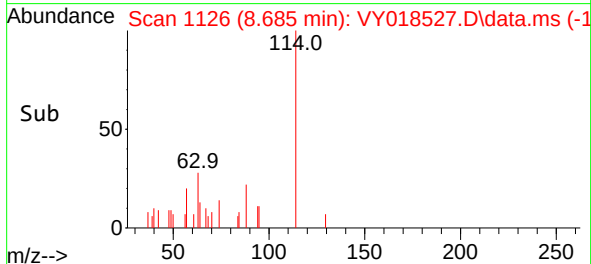
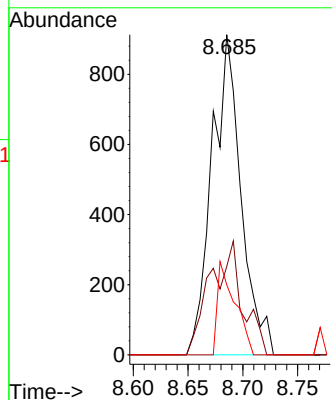
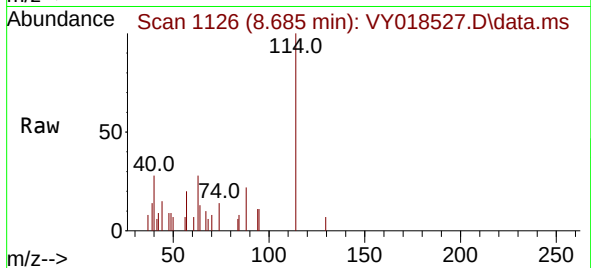
Tgt Ion:114 Resp: 1690

Ion Ratio Lower Upper

114 100

63 27.6 0.0 35.0

88 21.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.216 ug/l

RT: 7.698 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

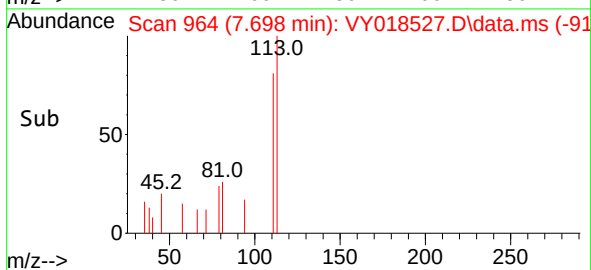
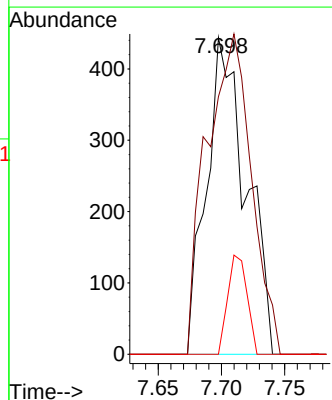
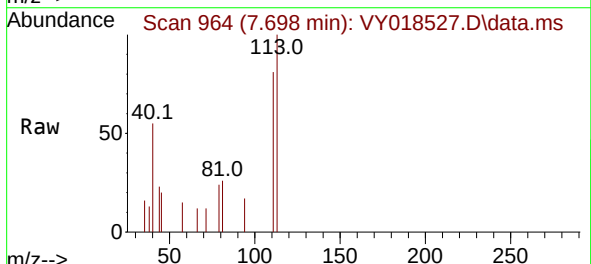
Tgt Ion:113 Resp: 969

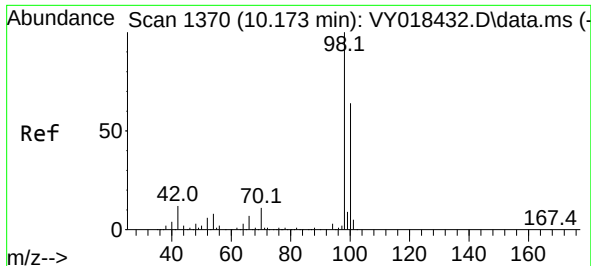
Ion Ratio Lower Upper

113 100

111 113.9 82.2 123.4

192 15.2 15.9 23.9#

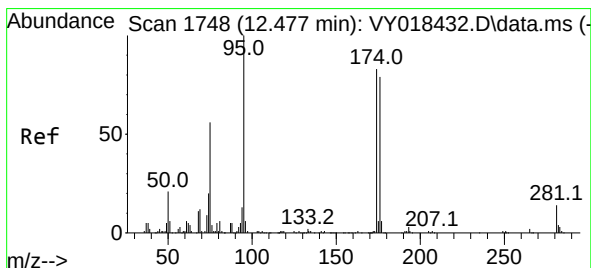
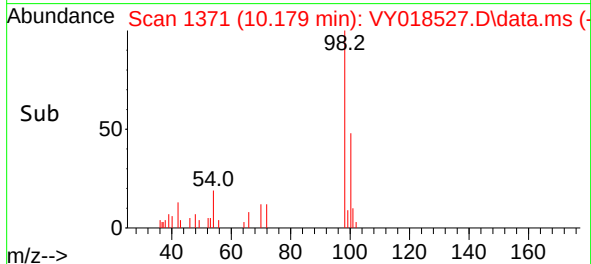
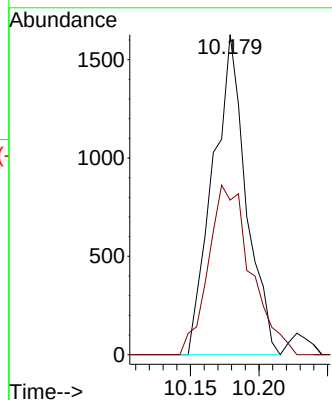
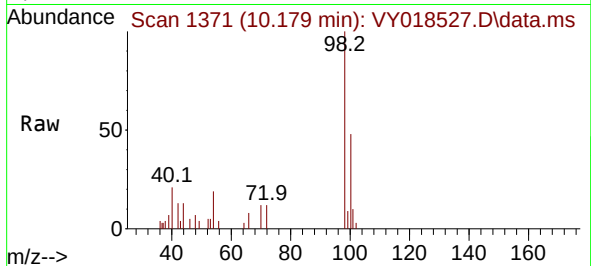




#50
Toluene-d8
Concen: 32.197 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

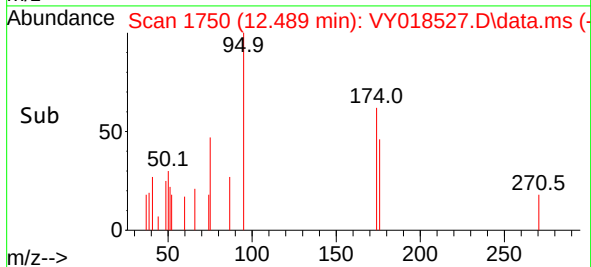
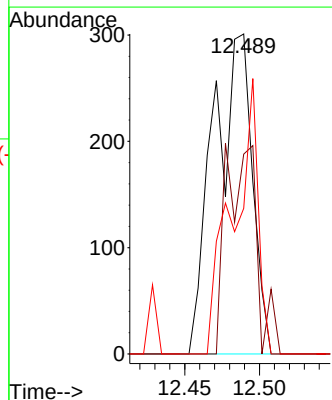
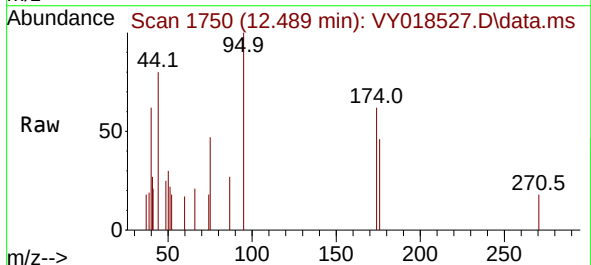
Instrument :
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SW-04

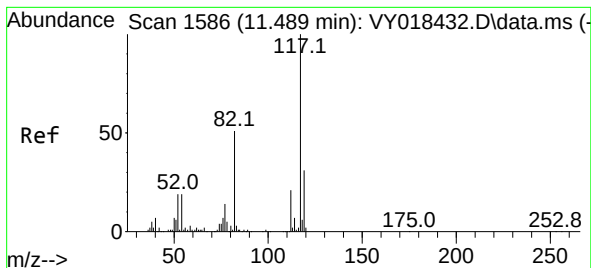
Tgt Ion: 98 Resp: 2745
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 20.305 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 95 Resp: 539
Ion Ratio Lower Upper
95 100
174 52.1 0.0 175.6
176 55.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

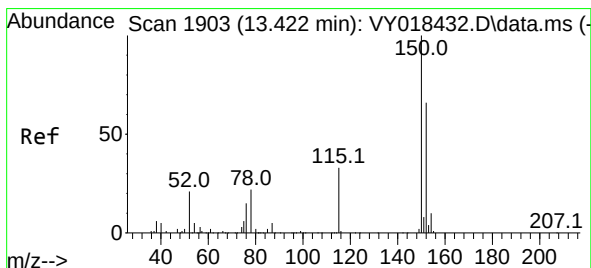
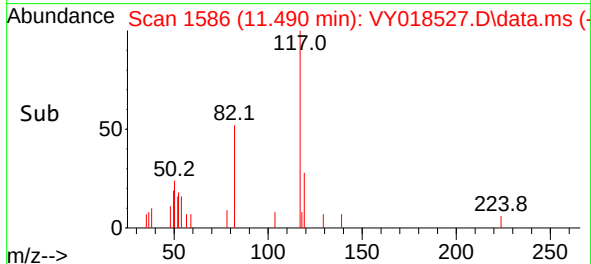
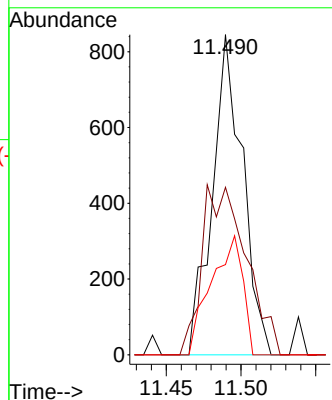
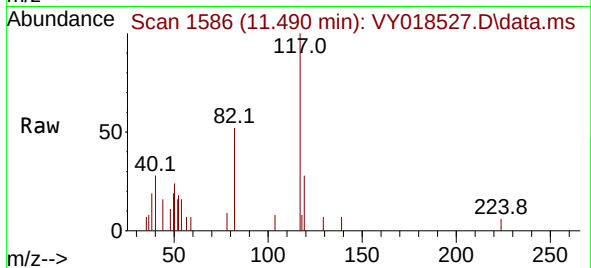
Instrument :

MSVOA_Y

ClientSampleId :

SW-04

Tgt Ion:117	Resp:	1190
Ion	Ratio	Lower Upper
117	100	
82	52.3	42.4 63.6
119	28.2	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Tgt Ion:152	Resp:	237
Ion	Ratio	Lower Upper
152	100	
115	9.7	28.2 84.7#
150	107.6	0.0 345.6

