

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
 Data File : VY018560.D
 Acq On : 11 Jun 2024 16:24
 Operator : SY/MD
 Sample : P2786-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-060724

Quant Time: Jun 12 03:02:54 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	7.771	168	1745	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.685	114	2977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	314	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1643	47.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.704	113	1369	36.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.520%
50) Toluene-d8	10.179	98	5241	34.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	69.800%
62) 4-Bromofluorobenzene	12.477	95	600	12.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	25.660%#

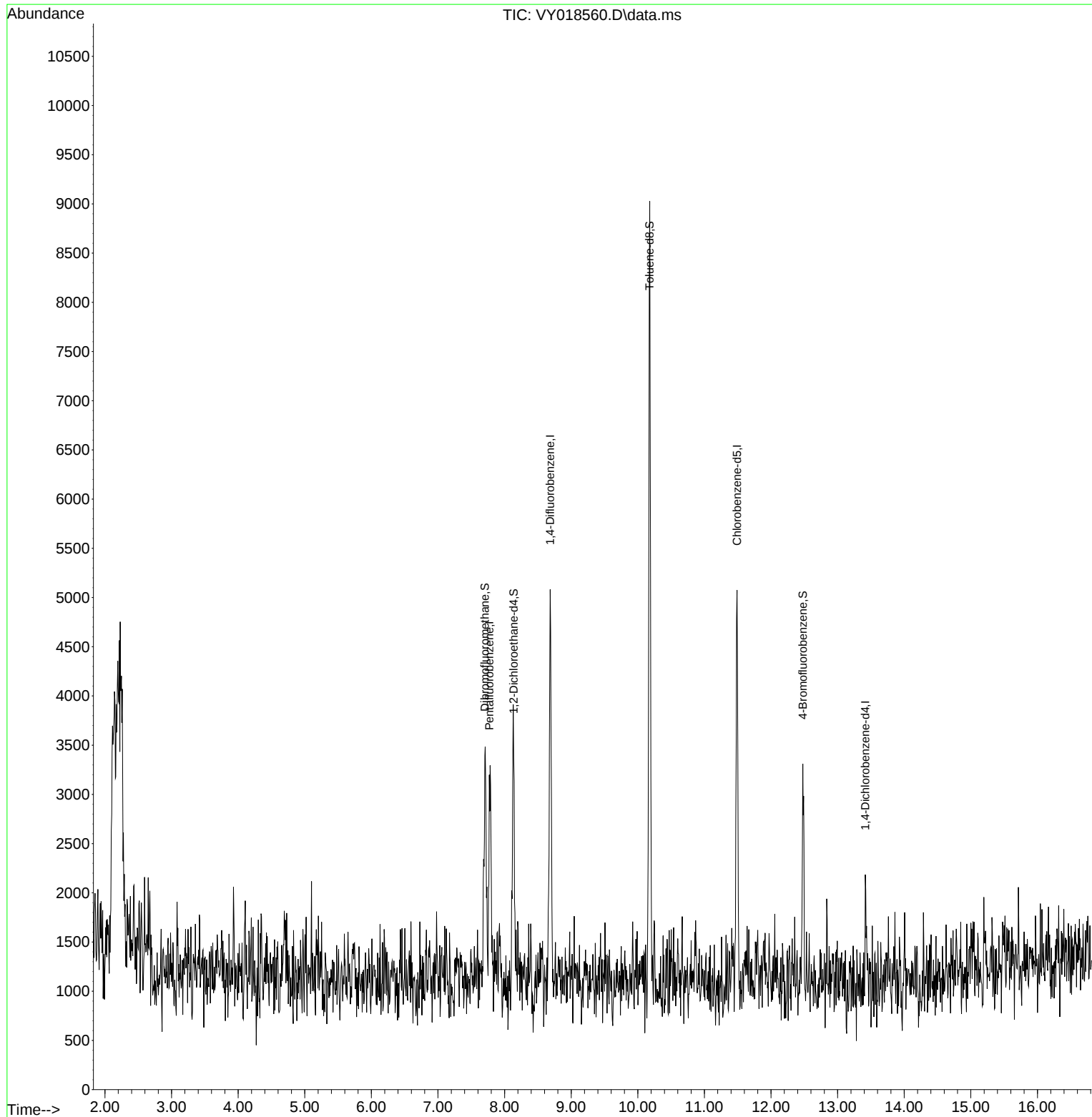
Target Compounds	Qvalue

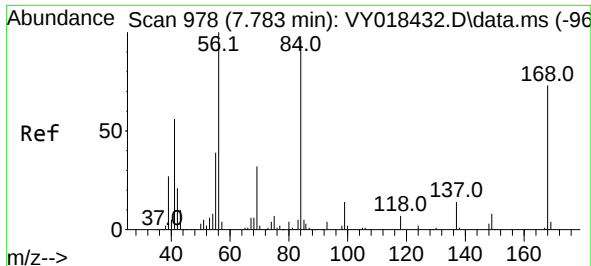
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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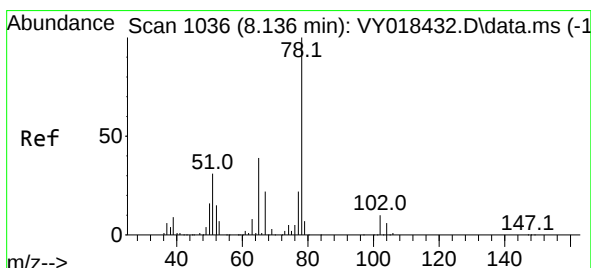
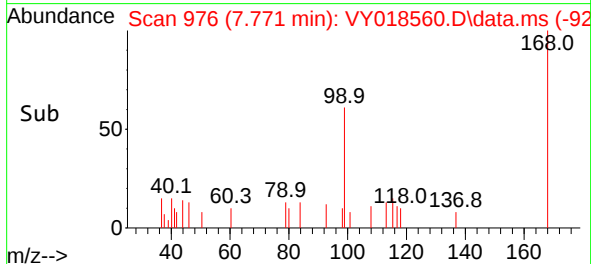
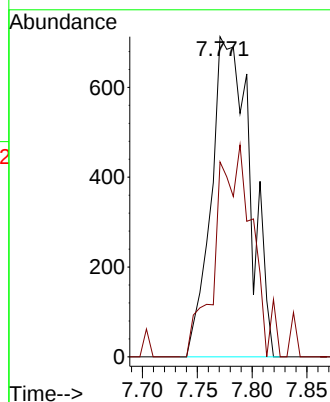
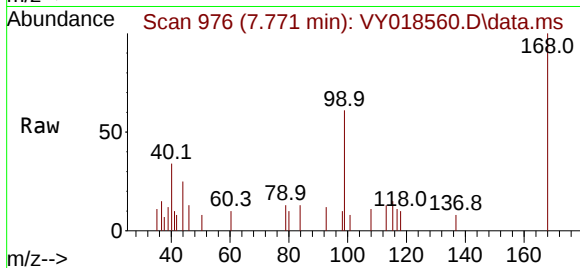




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

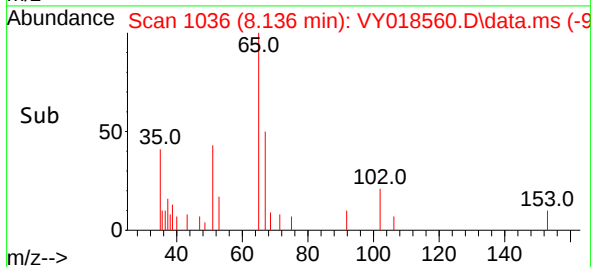
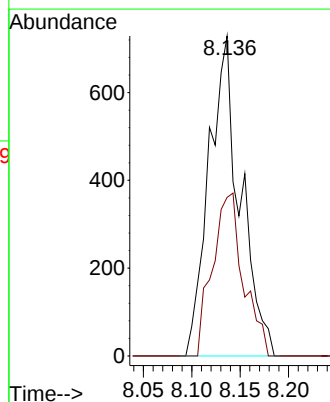
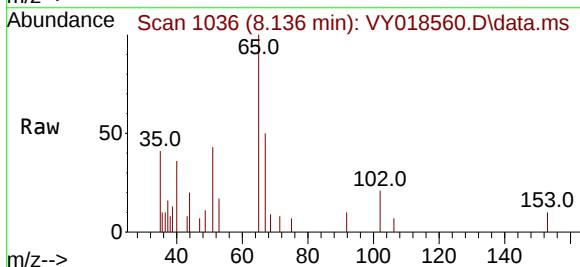
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-060724

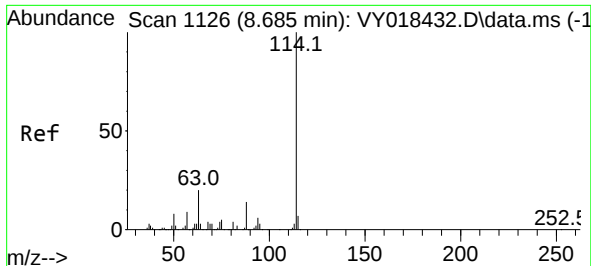
Tgt Ion:168 Resp: 1745
Ion Ratio Lower Upper
168 100
99 60.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 47.944 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Tgt Ion: 65 Resp: 1643
Ion Ratio Lower Upper
65 100
67 50.1 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: VY018560.D

Acq: 11 Jun 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-060724

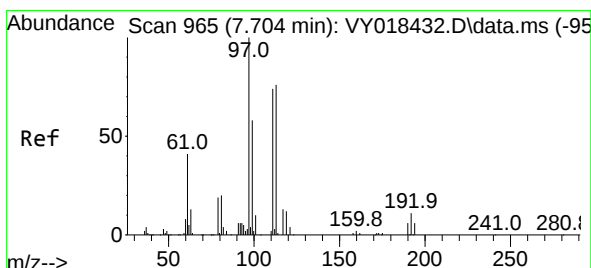
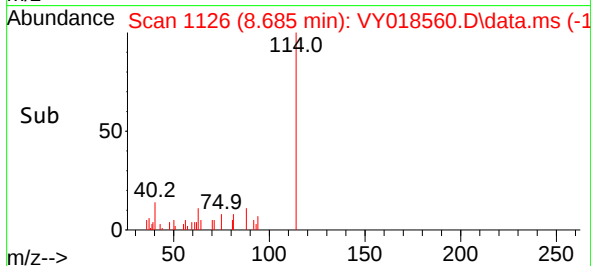
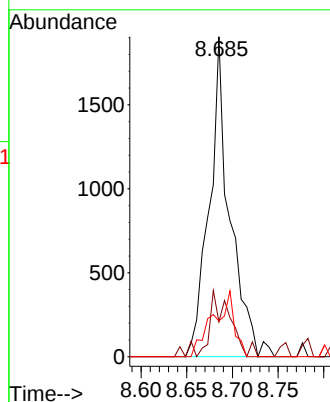
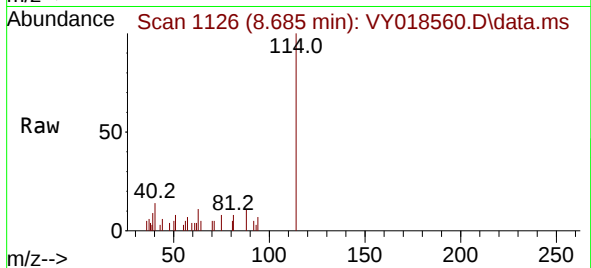
Tgt Ion:114 Resp: 2977

Ion Ratio Lower Upper

114 100

63 7.9 0.0 35.0

88 11.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 36.265 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

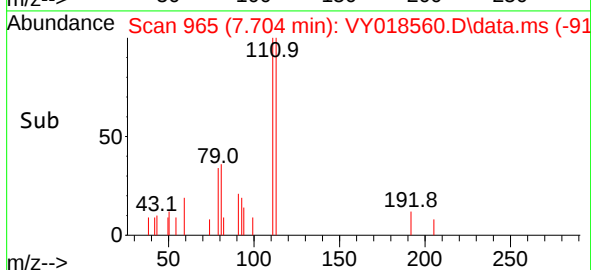
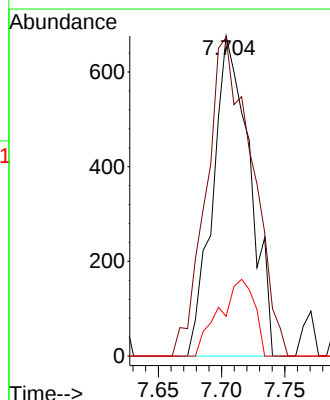
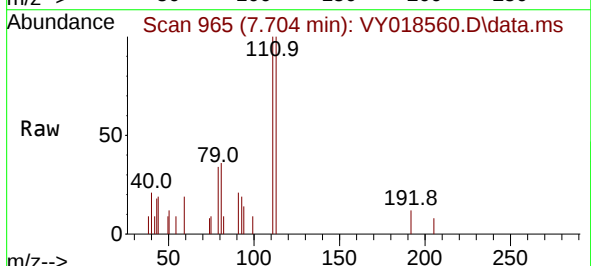
Tgt Ion:113 Resp: 1369

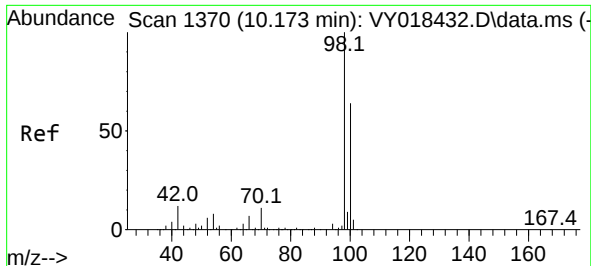
Ion Ratio Lower Upper

113 100

111 124.4 82.2 123.4#

192 22.9 15.9 23.9

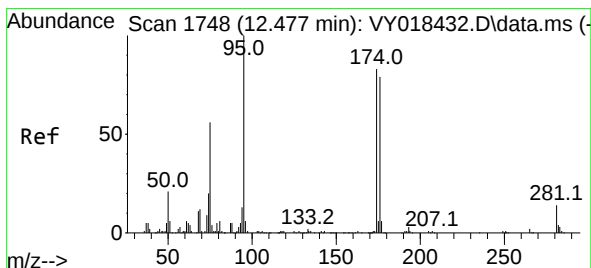
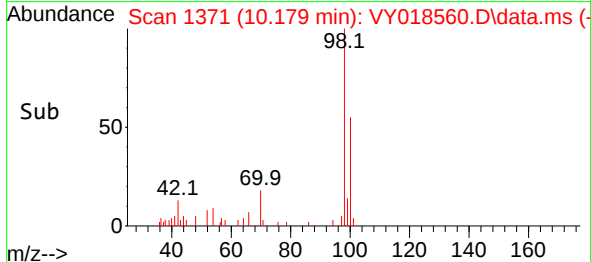
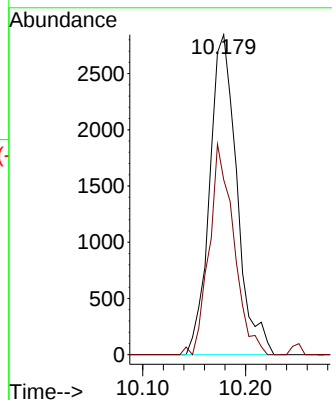
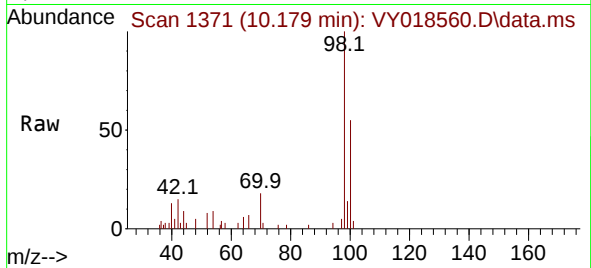




#50
Toluene-d8
Concen: 34.898 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

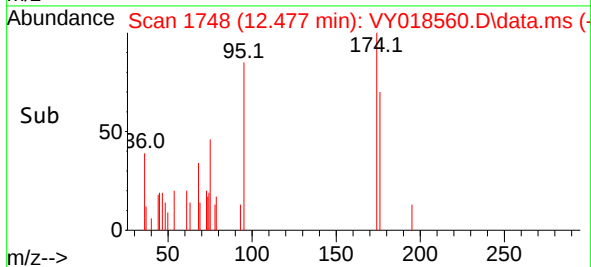
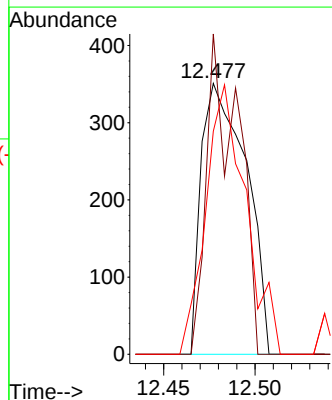
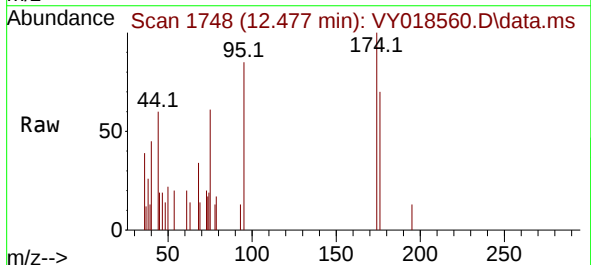
Instrument :
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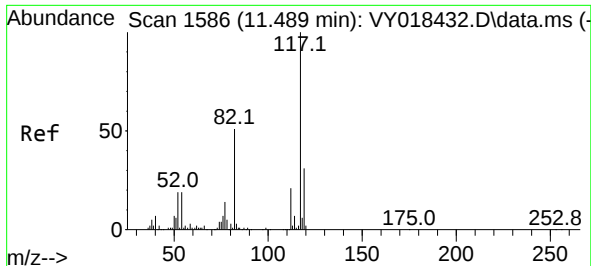
Tgt Ion: 98 Resp: 5241
Ion Ratio Lower Upper
98 100
100 59.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 12.832 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Tgt Ion: 95 Resp: 600
Ion Ratio Lower Upper
95 100
174 83.2 0.0 175.6
176 88.3 0.0 171.4

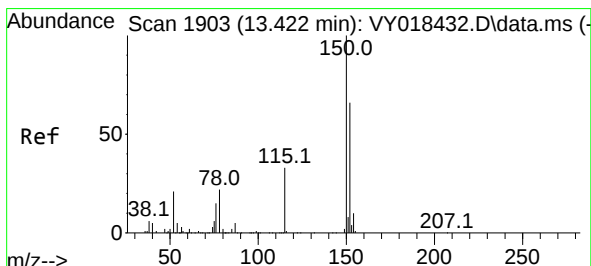
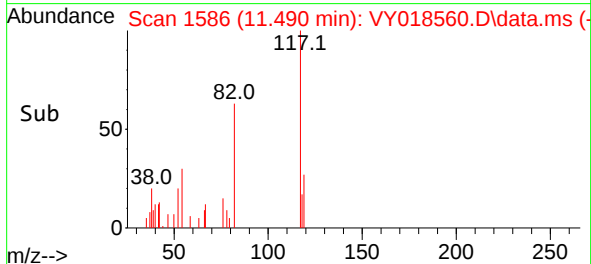
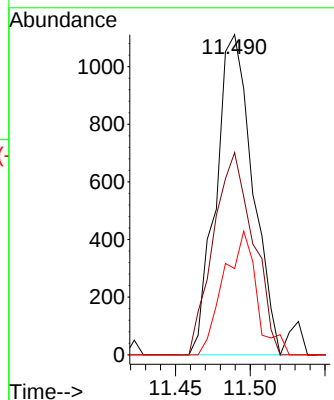
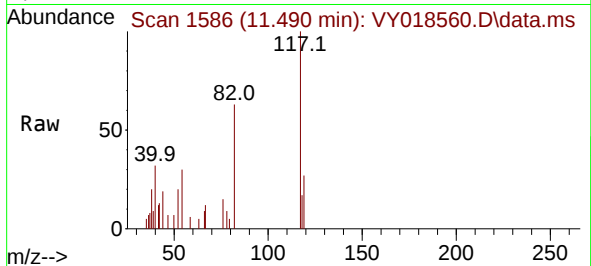




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-060724

Tgt Ion:	117	Resp:	1898
Ion	Ratio	Lower	Upper
117	100		
82	63.2	42.4	63.6
119	26.9	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: VY018560.D
Acq: 11 Jun 2024 16:24

Tgt Ion:	152	Resp:	314
Ion	Ratio	Lower	Upper
152	100		
115	19.4	28.2	84.7#
150	127.1	0.0	345.6

