

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018540.D
 Acq On : 10 Jun 2024 10:54
 Operator : SY/MD
 Sample : VY0610SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBL01

Quant Time: Jun 11 01:51:39 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	38528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	65671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	60115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38396	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40638	53.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.420%
35) Dibromofluoromethane	7.710	113	39806	47.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.600%
50) Toluene-d8	10.179	98	151045	45.593	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.180%
62) 4-Bromofluorobenzene	12.483	95	44079	42.733	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.460%

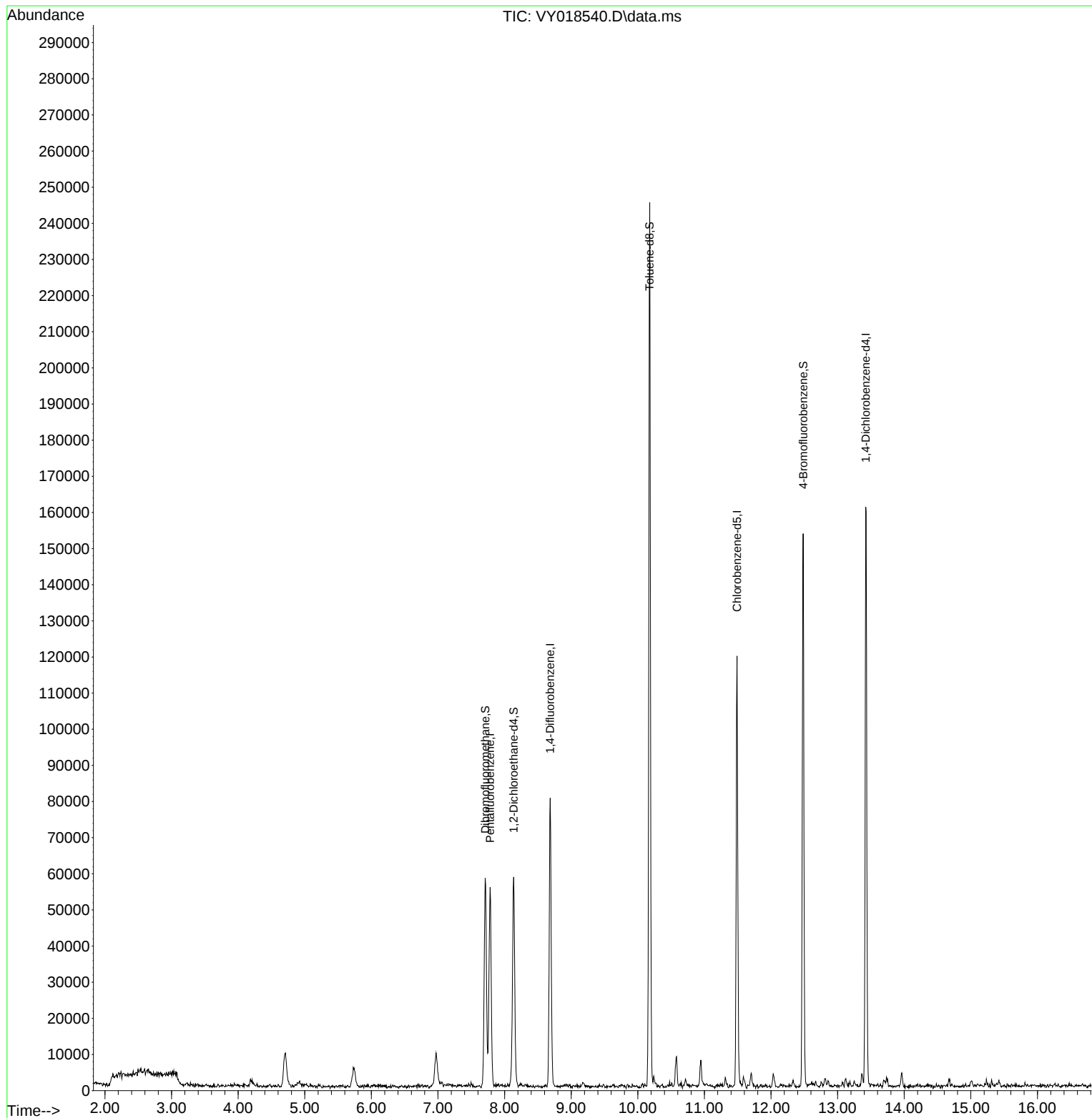
Target Compounds	Qvalue

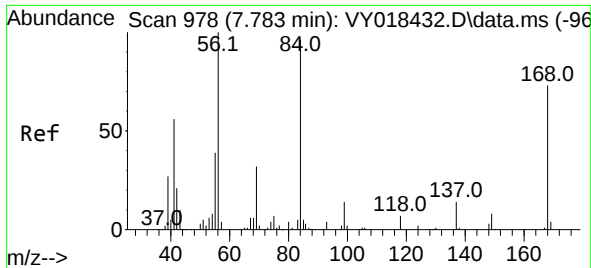
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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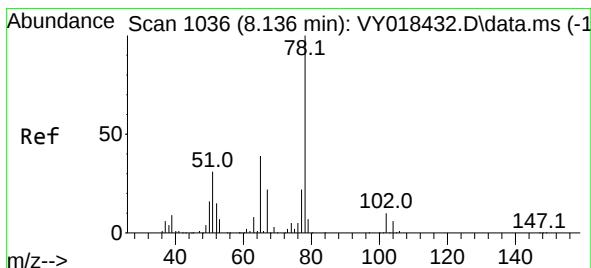
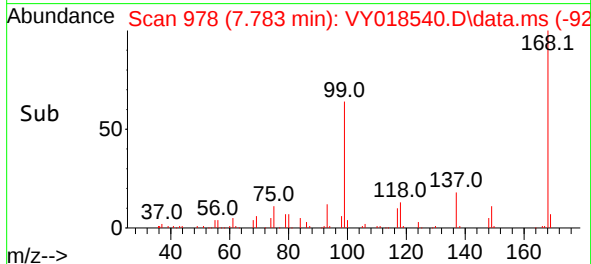
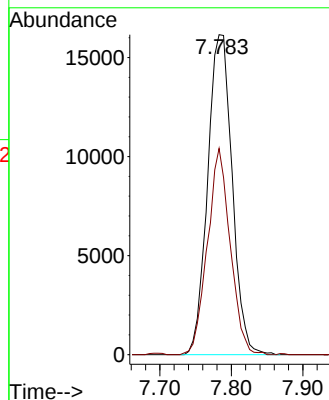
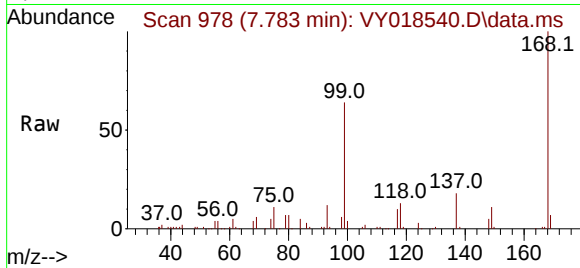




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018540.D
Acq: 10 Jun 2024 10:54

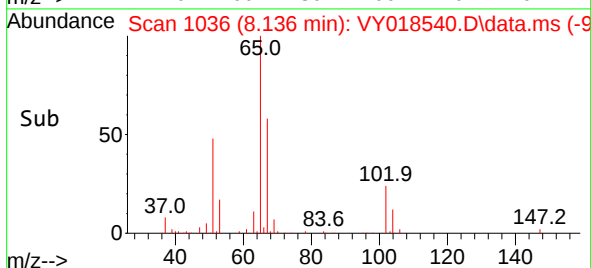
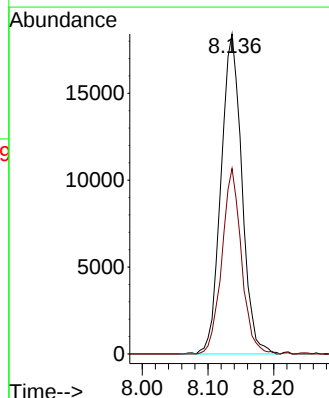
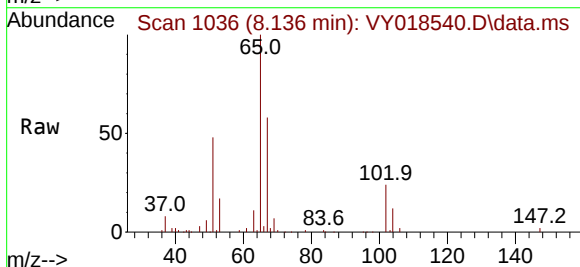
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBL01

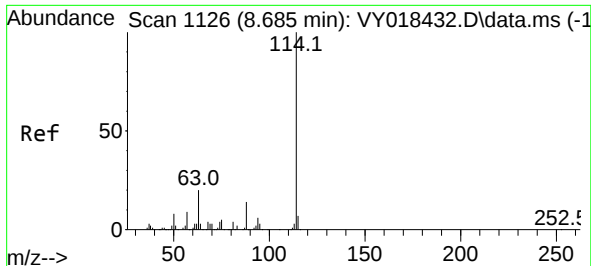
Tgt Ion:168 Resp: 38528
Ion Ratio Lower Upper
168 100
99 64.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 53.709 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018540.D
Acq: 10 Jun 2024 10:54

Tgt Ion: 65 Resp: 40638
Ion Ratio Lower Upper
65 100
67 54.3 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: VY018540.D

Acq: 10 Jun 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBL01

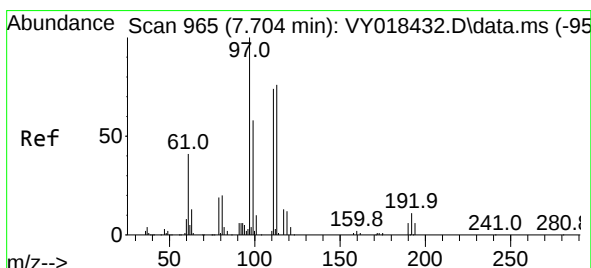
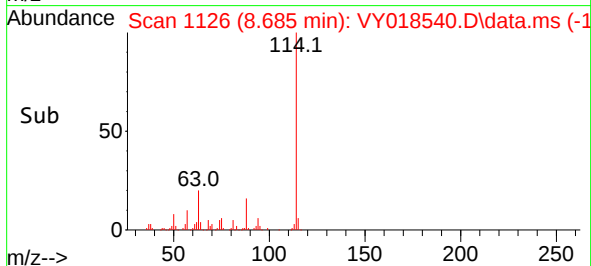
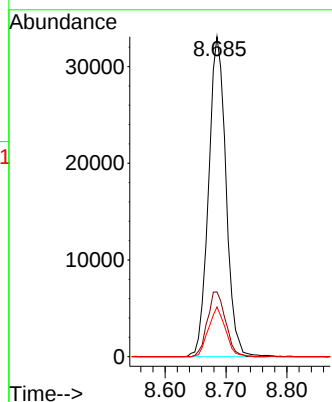
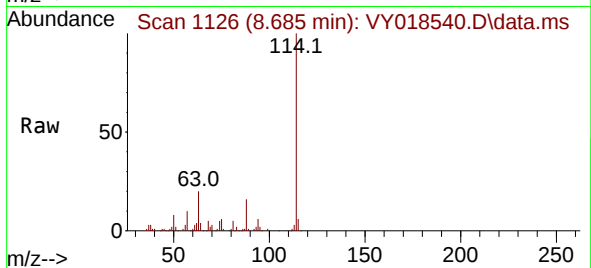
Tgt Ion:114 Resp: 65671

Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.801 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018540.D

Acq: 10 Jun 2024 10:54

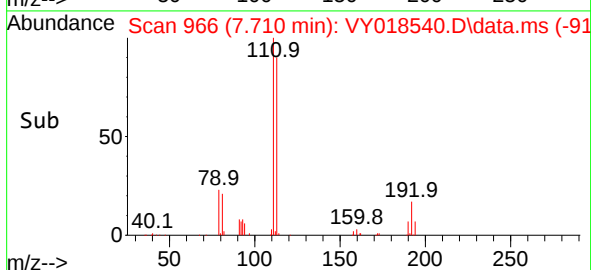
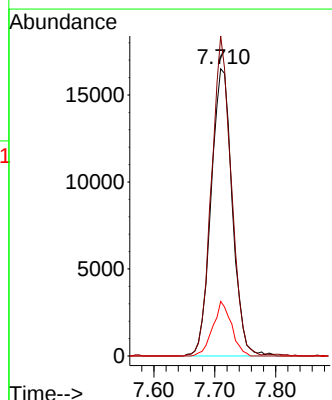
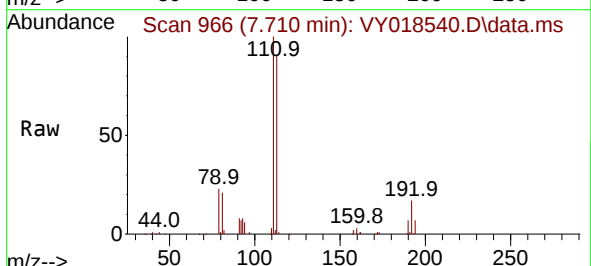
Tgt Ion:113 Resp: 39806

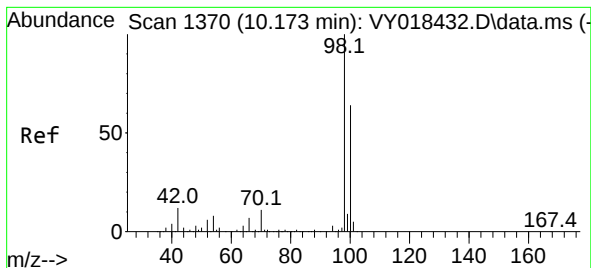
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 16.7 15.9 23.9





#50

Toluene-d8

Concen: 45.593 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018540.D

Acq: 10 Jun 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

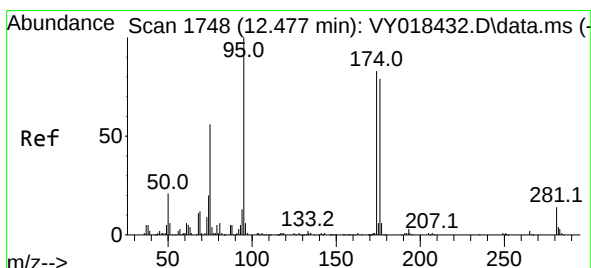
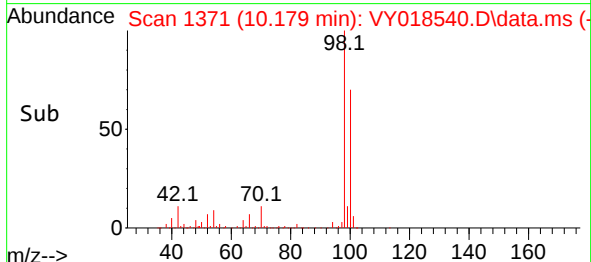
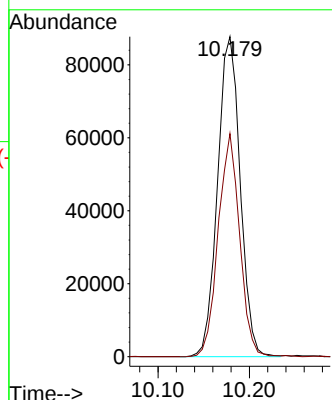
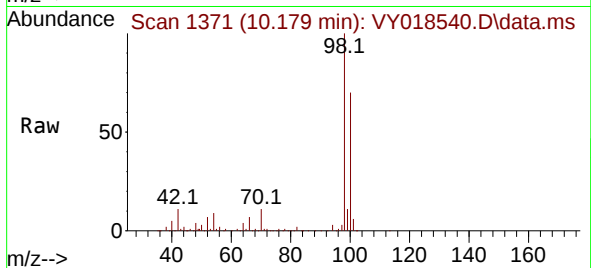
VY0610SBL01

Tgt Ion: 98 Resp: 151045

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.733 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018540.D

Acq: 10 Jun 2024 10:54

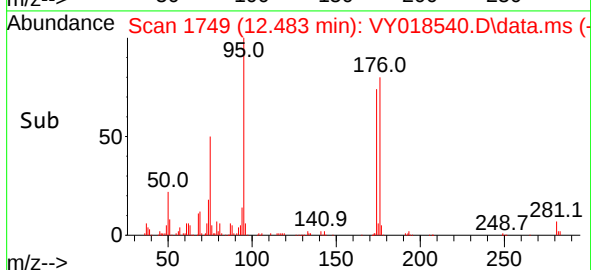
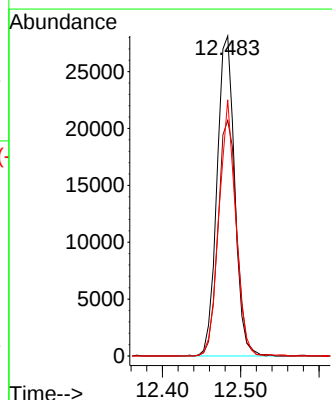
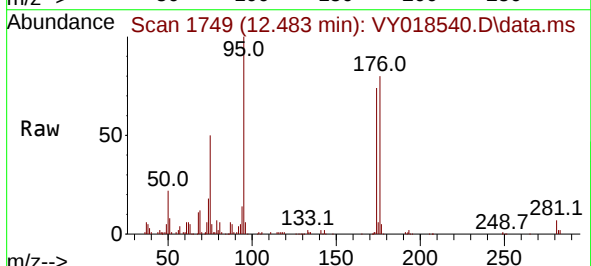
Tgt Ion: 95 Resp: 44079

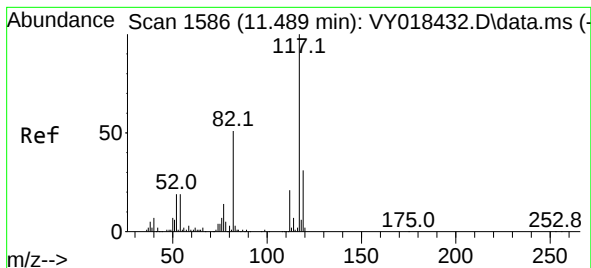
Ion Ratio Lower Upper

95 100

174 77.6 0.0 175.6

176 76.1 0.0 171.4

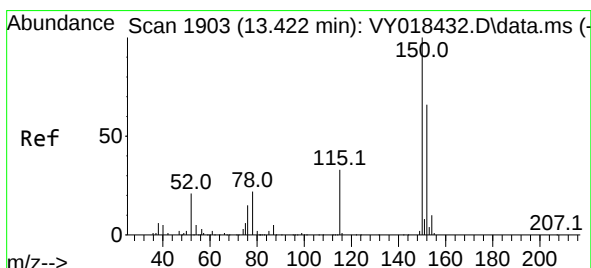
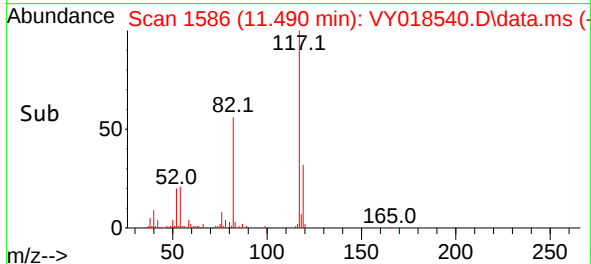
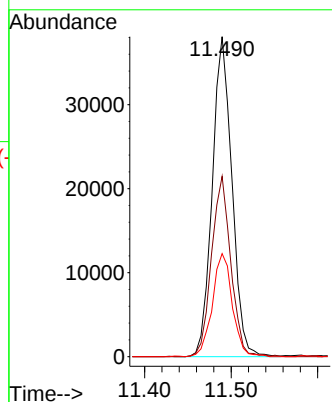
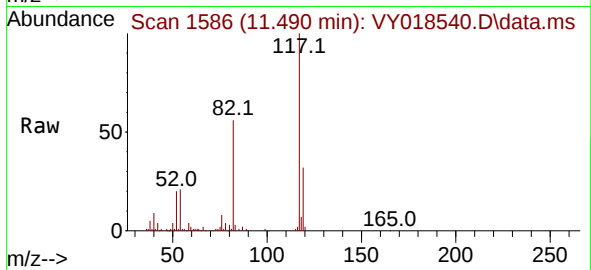




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018540.D
Acq: 10 Jun 2024 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBL01

Tgt Ion:	117	Resp:	60115
Ion Ratio	Lower	Upper	
117	100		
82	56.4	42.4	63.6
119	32.2	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: VY018540.D
Acq: 10 Jun 2024 10:54

Tgt Ion:	152	Resp:	38396
Ion Ratio	Lower	Upper	
152	100		
115	61.2	28.2	84.7
150	162.1	0.0	345.6

