

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018528.D
 Acq On : 07 Jun 2024 15:39
 Operator : SY/MD
 Sample : P2707-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-02

Quant Time: Jun 07 23:14:25 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	1145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1464	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1673	74.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.800%
35) Dibromofluoromethane	7.704	113	1256	41.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.720%
50) Toluene-d8	10.179	98	3431	28.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	57.500%#
62) 4-Bromofluorobenzene	12.483	95	544	14.638	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	29.280%#

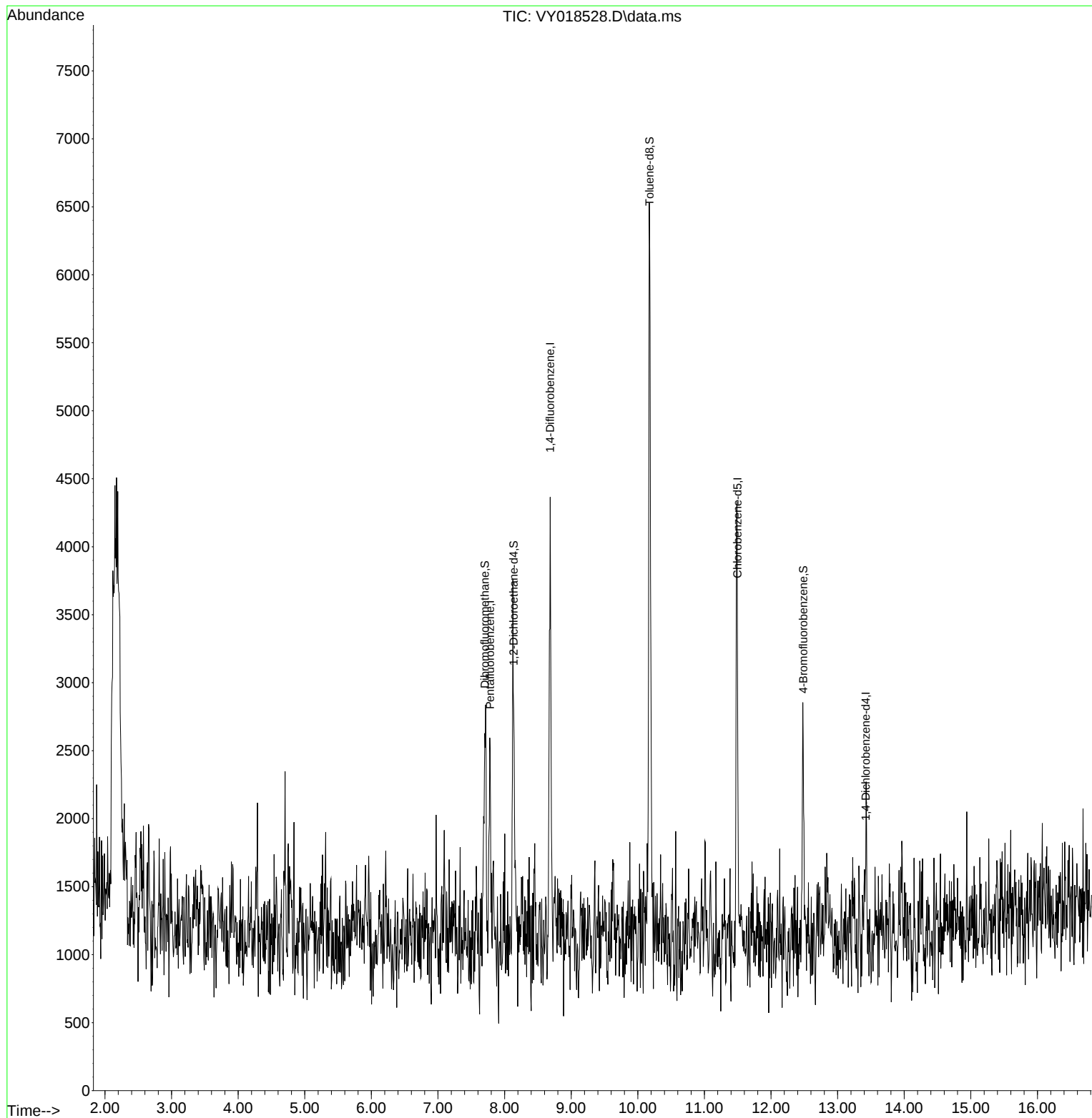
Target Compounds	Qvalue

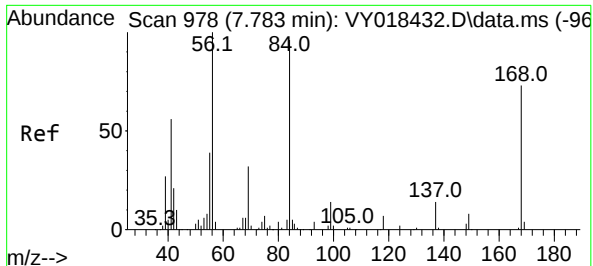
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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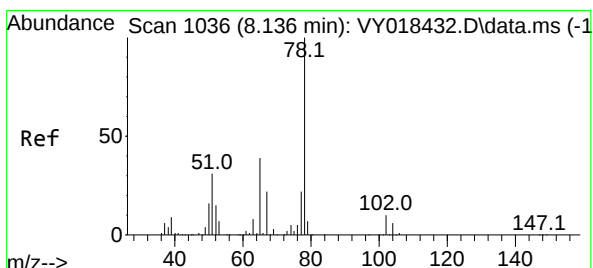
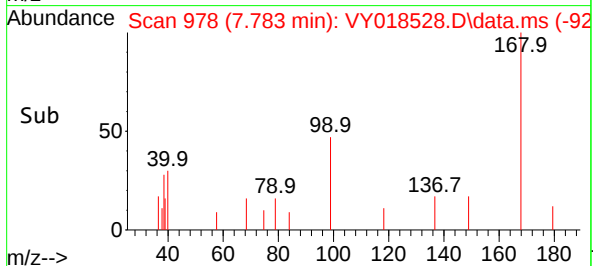
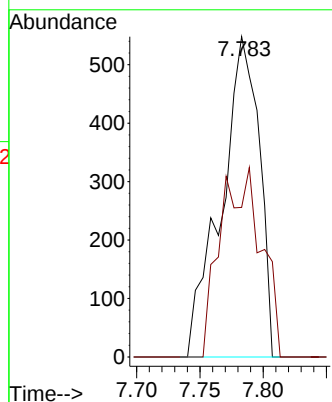
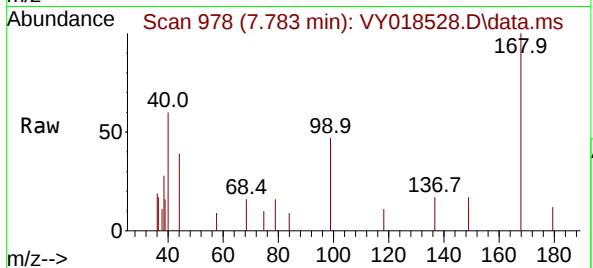




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

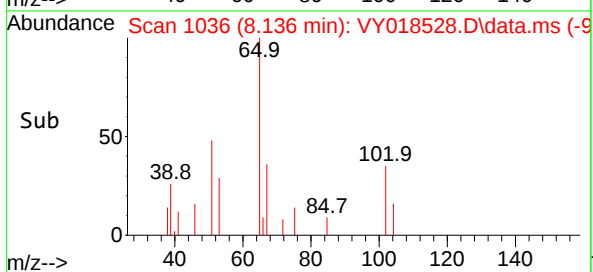
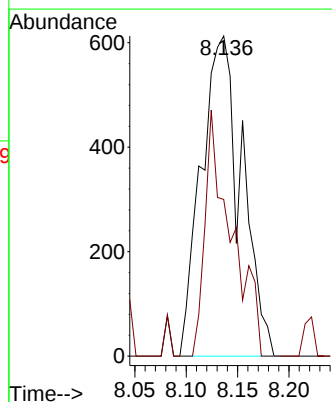
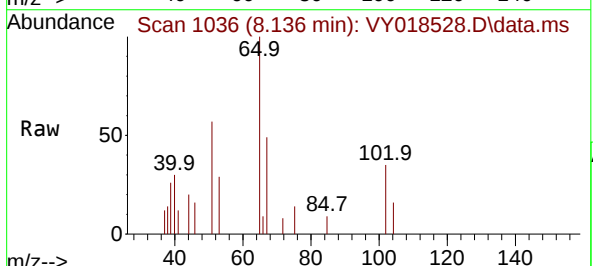
Instrument :
MSVOA_Y
ClientSampleId :
SW-02

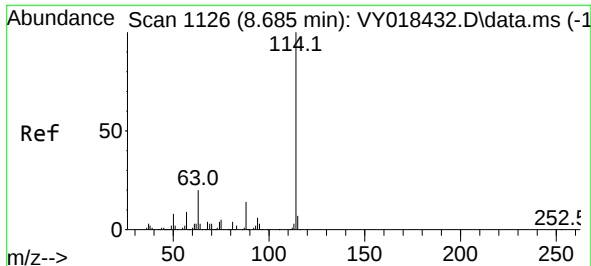
Tgt Ion:168 Resp: 1145
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 74.402 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 65 Resp: 1673
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: VY018528.D

Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

SW-02

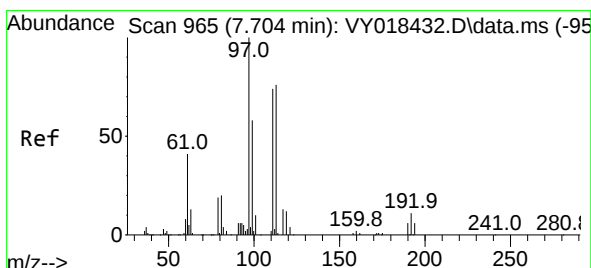
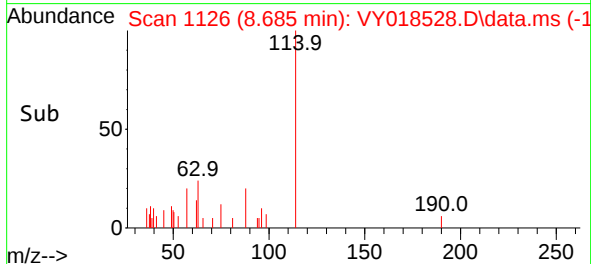
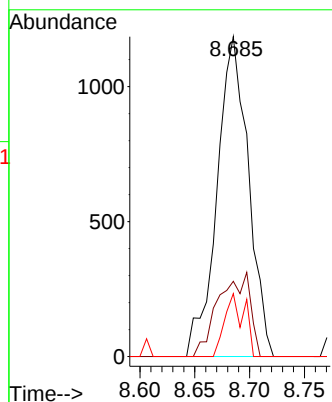
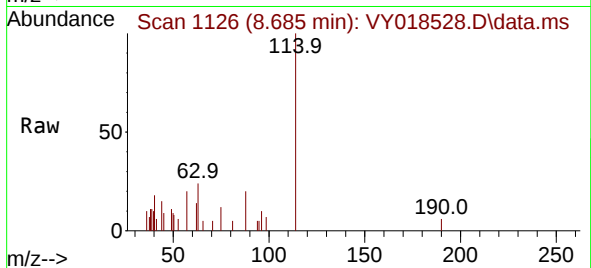
Tgt Ion:114 Resp: 2366

Ion Ratio Lower Upper

114 100

63 23.5 0.0 35.0

88 19.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.863 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

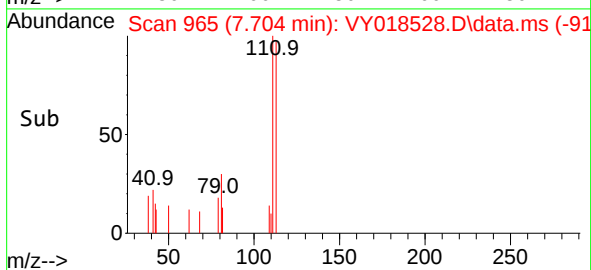
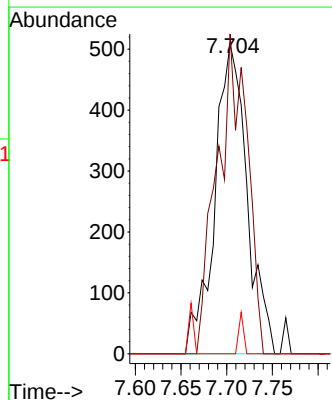
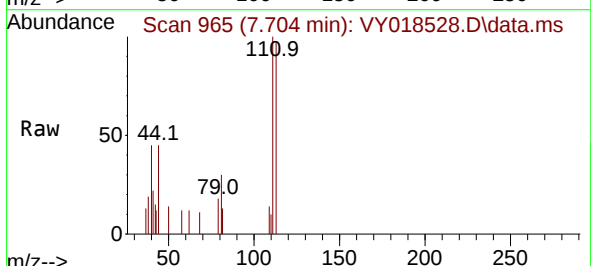
Tgt Ion:113 Resp: 1256

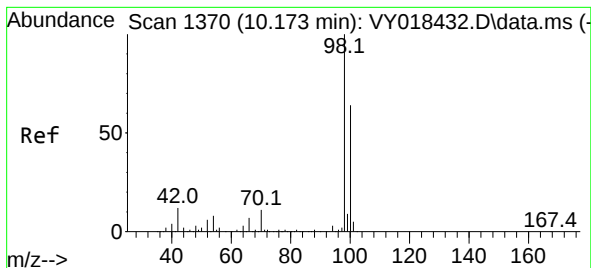
Ion Ratio Lower Upper

113 100

111 95.7 82.2 123.4

192 2.0 15.9 23.9#





#50

Toluene-d8

Concen: 28.746 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

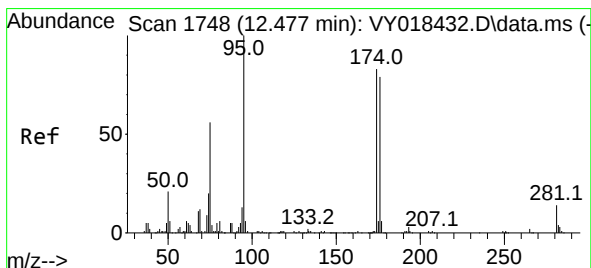
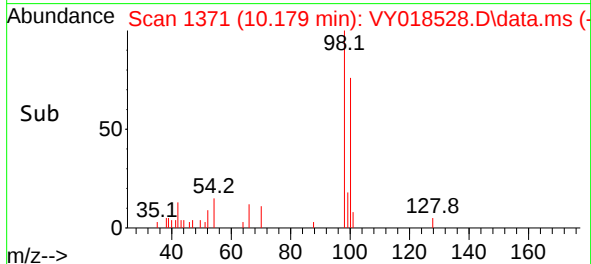
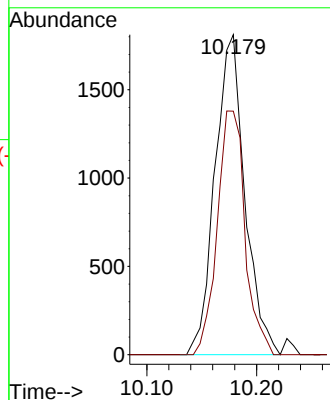
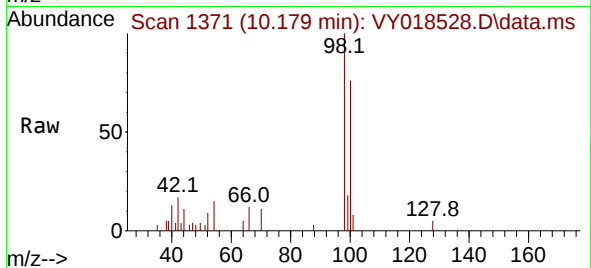
SW-02

Tgt Ion: 98 Resp: 3431

Ion Ratio Lower Upper

98 100

100 70.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 14.638 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

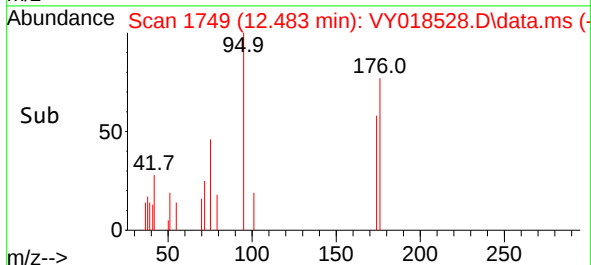
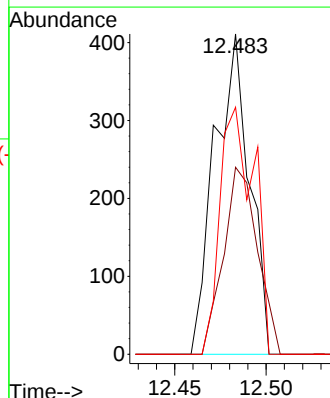
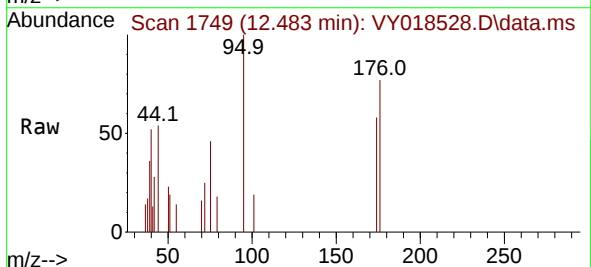
Tgt Ion: 95 Resp: 544

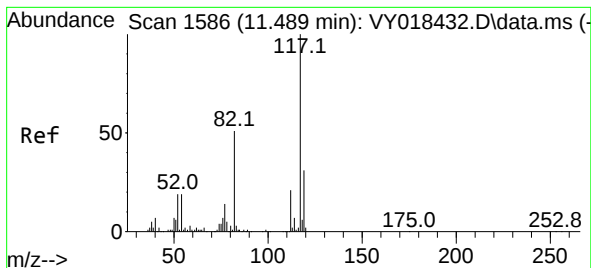
Ion Ratio Lower Upper

95 100

174 57.4 0.0 175.6

176 76.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

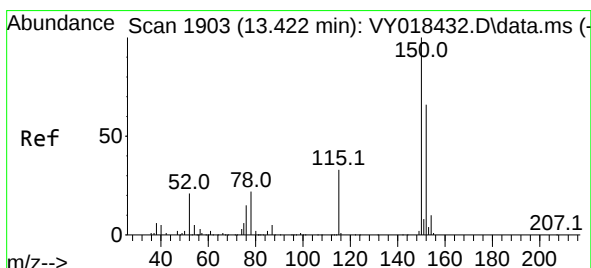
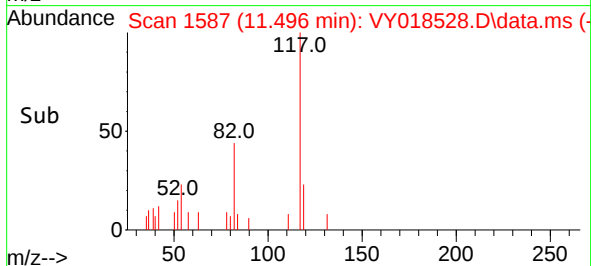
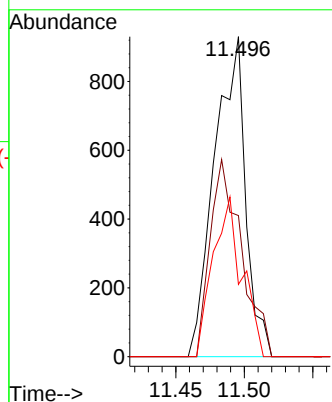
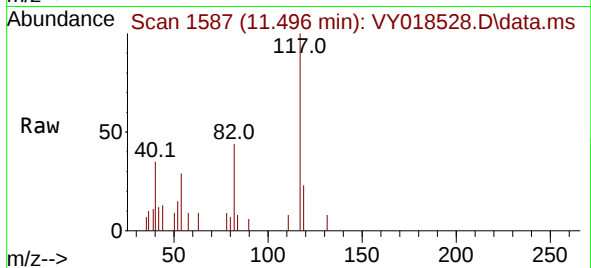
Instrument :

MSVOA_Y

ClientSampleId :

SW-02

Tgt Ion:117	Resp:	1464
Ion	Ratio	Lower Upper
117	100	
82	44.1	42.4 63.6
119	22.6	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: VY018528.D

Acq: 07 Jun 2024 15:39

Tgt Ion:152	Resp:	215
Ion	Ratio	Lower Upper
152	100	
115	20.5	28.2 84.7#
150	194.4	0.0 345.6

