

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018526.D
 Acq On : 07 Jun 2024 14:50
 Operator : SY/MD
 Sample : P2707-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-01

Quant Time: Jun 07 23:13:16 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	5518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	8316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	5498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4174	38.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.040%
35) Dibromofluoromethane	7.716	113	3319	31.474	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.940%
50) Toluene-d8	10.179	98	12292	29.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	58.600%
62) 4-Bromofluorobenzene	12.477	95	2263	17.325	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.660%

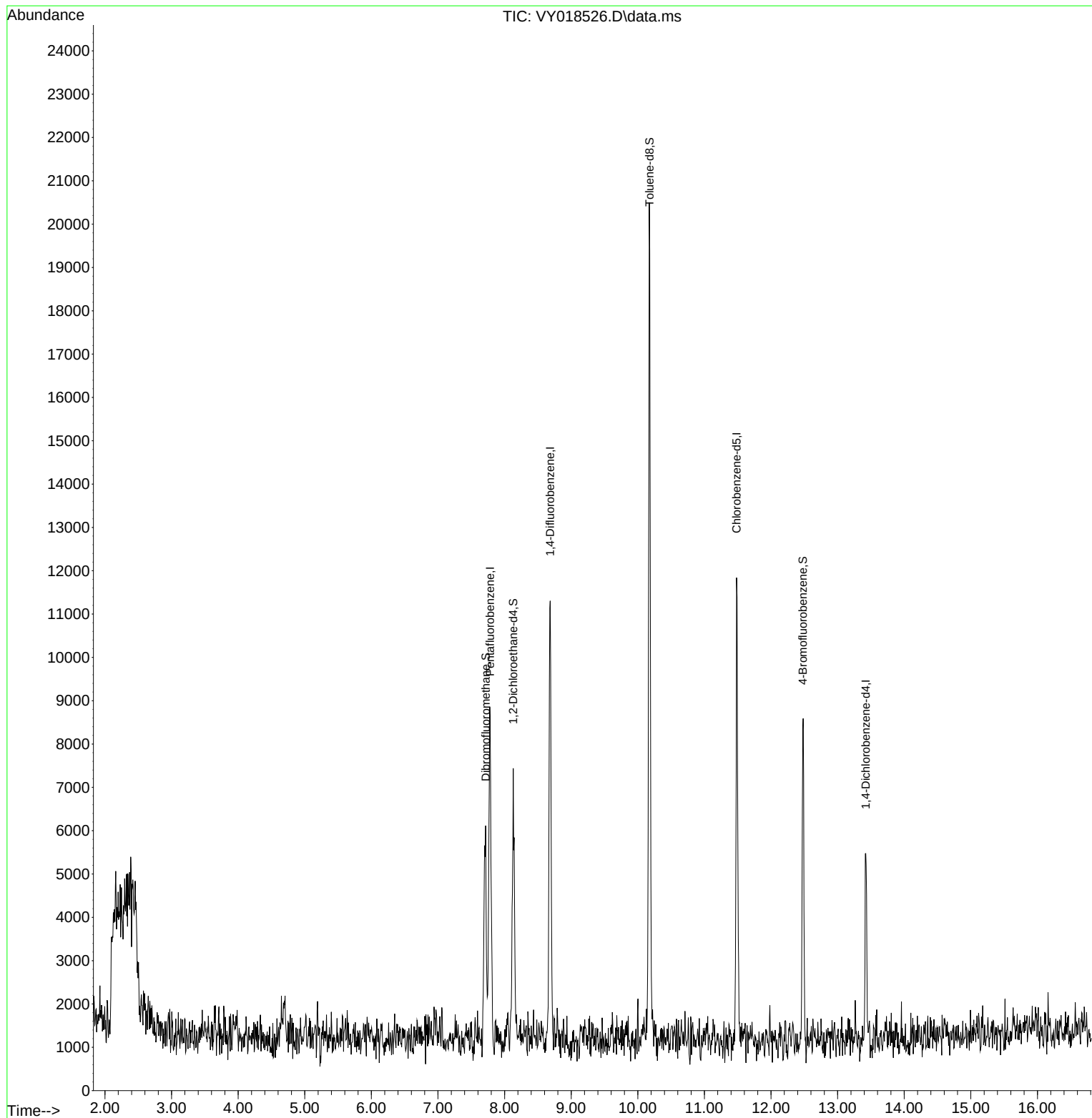
Target Compounds	Qvalue

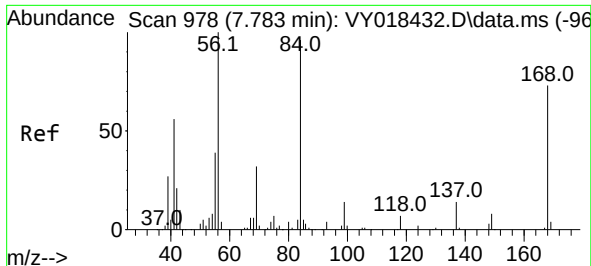
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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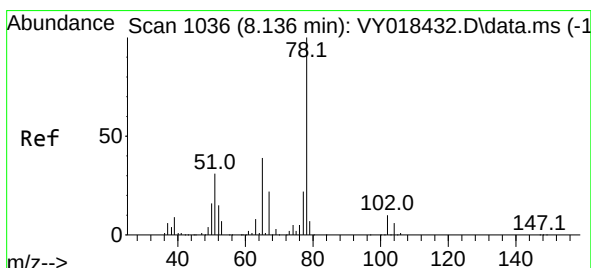
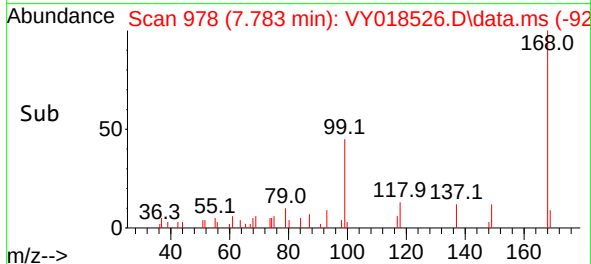
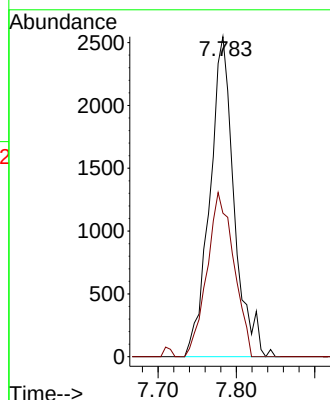
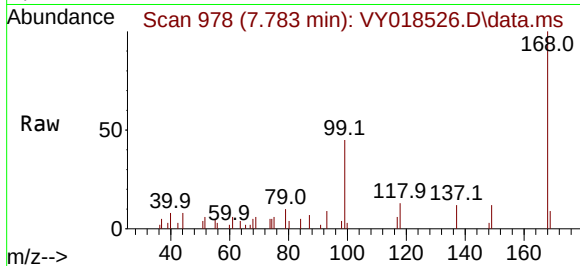




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018526.D
Acq: 07 Jun 2024 14:50

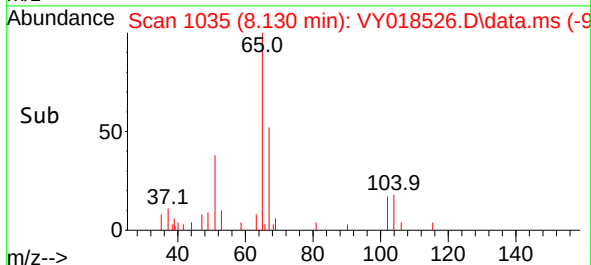
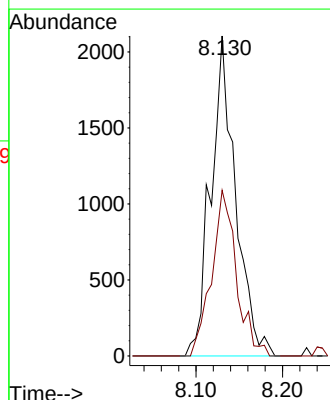
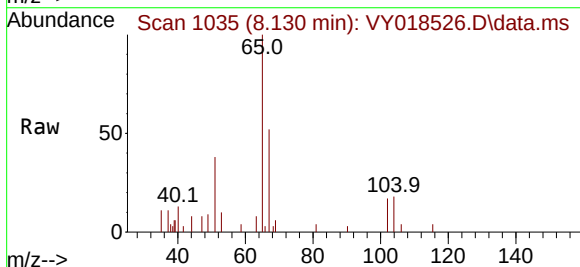
Instrument :
MSVOA_Y
ClientSampleId :
SW-01

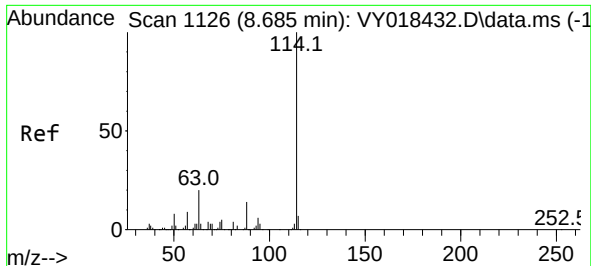
Tgt Ion:168 Resp: 5518
Ion Ratio Lower Upper
168 100
99 44.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 38.518 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018526.D
Acq: 07 Jun 2024 14:50

Tgt Ion: 65 Resp: 4174
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

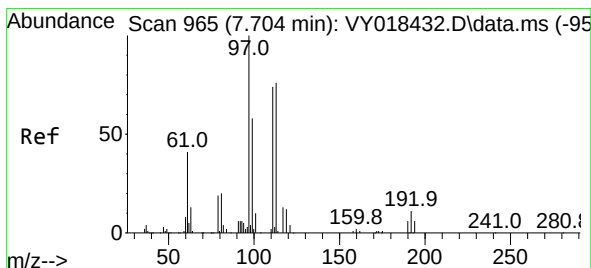
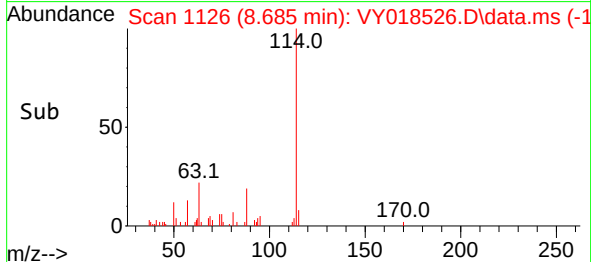
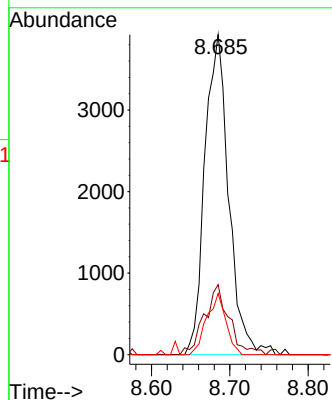
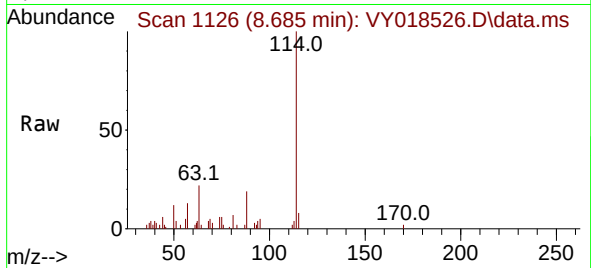




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018526.D
Acq: 07 Jun 2024 14:50

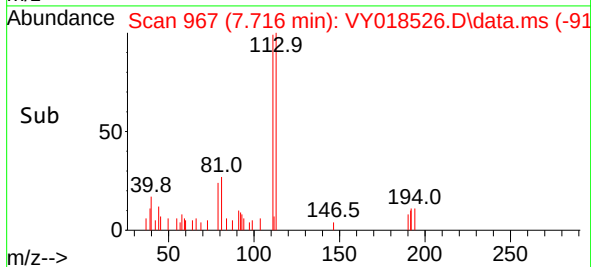
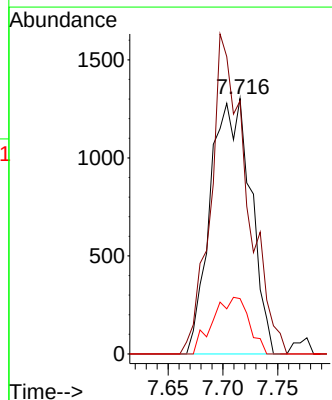
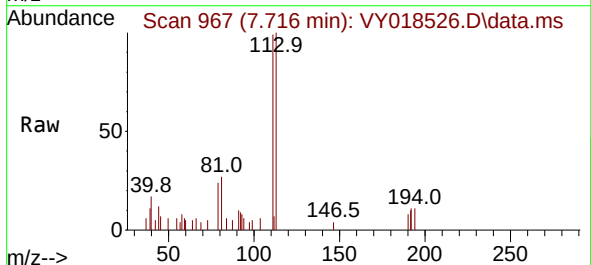
Instrument :
MSVOA_Y
ClientSampleId :
SW-01

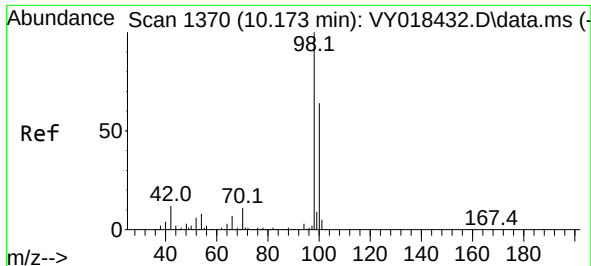
Tgt Ion:	114	Resp:	8316
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.0
88	19.1	0.0	27.2



#35
Dibromofluoromethane
Concen: 31.474 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY018526.D
Acq: 07 Jun 2024 14:50

Tgt Ion:	113	Resp:	3319
Ion	Ratio	Lower	Upper
113	100		
111	111.8	82.2	123.4
192	20.0	15.9	23.9

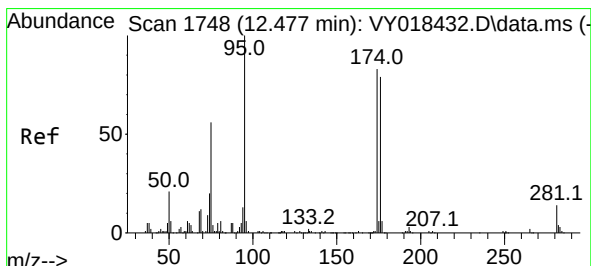
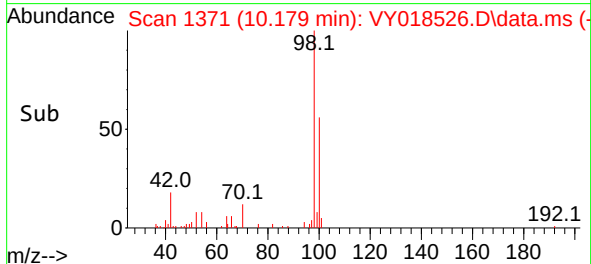
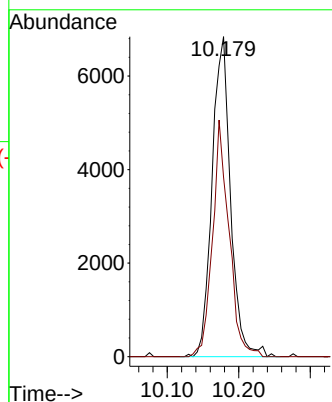
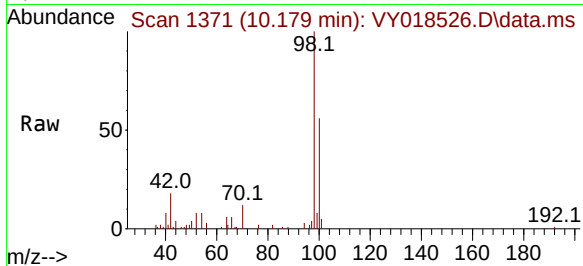




#50
Toluene-d8
Concen: 29.300 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018526.D
Acq: 07 Jun 2024 14:50

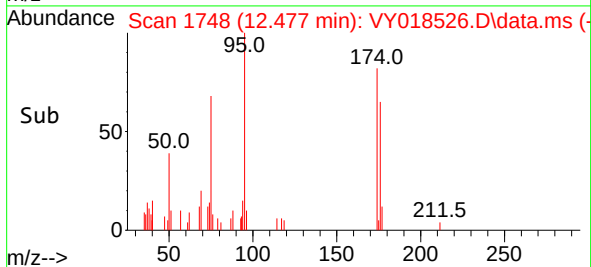
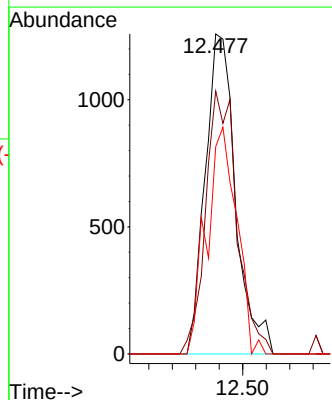
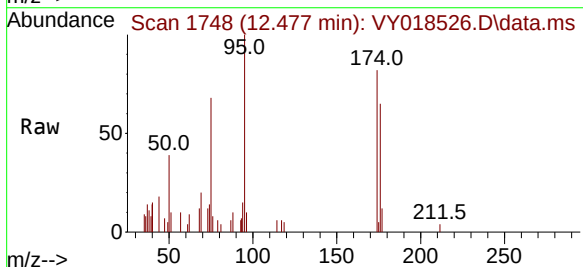
Instrument :
MSVOA_Y
ClientSampleId :
SW-01

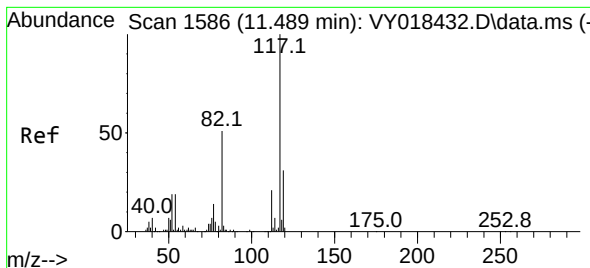
Tgt Ion: 98 Resp: 12292
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 17.325 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018526.D
Acq: 07 Jun 2024 14:50

Tgt Ion: 95 Resp: 2263
Ion Ratio Lower Upper
95 100
174 84.3 0.0 175.6
176 70.6 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: VY018526.D

Acq: 07 Jun 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

SW-01

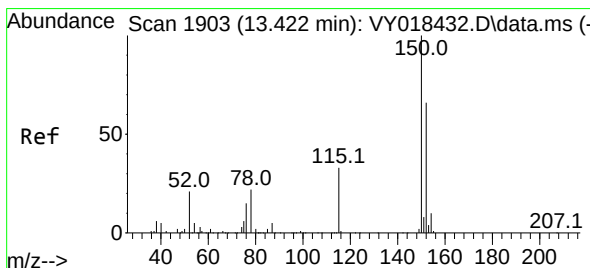
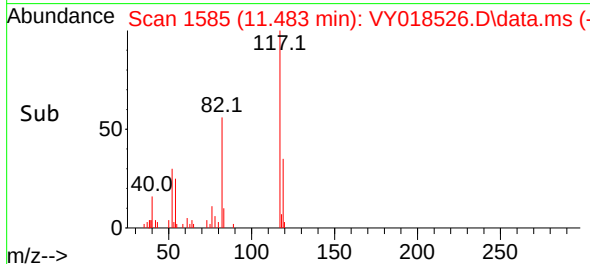
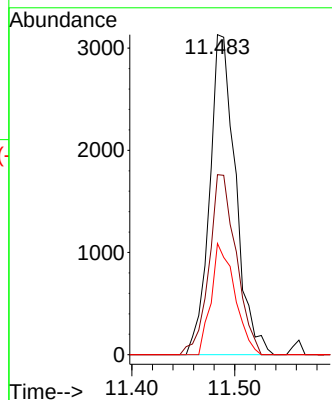
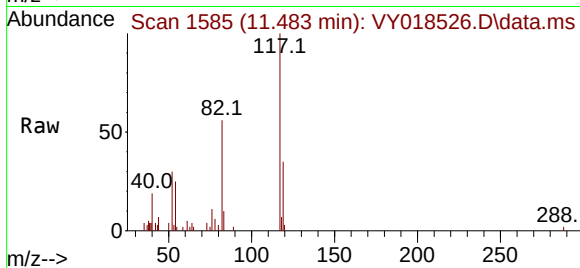
Tgt Ion:117 Resp: 5498

Ion Ratio Lower Upper

117 100

82 56.2 42.4 63.6

119 34.8 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: VY018526.D

Acq: 07 Jun 2024 14:50

Tgt Ion:152 Resp: 1307

Ion Ratio Lower Upper

152 100

115 67.8 28.2 84.7

150 142.2 0.0 345.6

