

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018194.D
 Acq On : 08 May 2024 17:35
 Operator : SY/MD
 Sample : P2415-01
 Misc : 3.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1011UMR-SS005-0212-01

Quant Time: May 09 02:29:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	174156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	322006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	285282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	80500	62.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.660%
35) Dibromofluoromethane	7.704	113	94850	56.048	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.100%
50) Toluene-d8	10.173	98	361299	54.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.360%
62) 4-Bromofluorobenzene	12.477	95	113058	52.497	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.000%

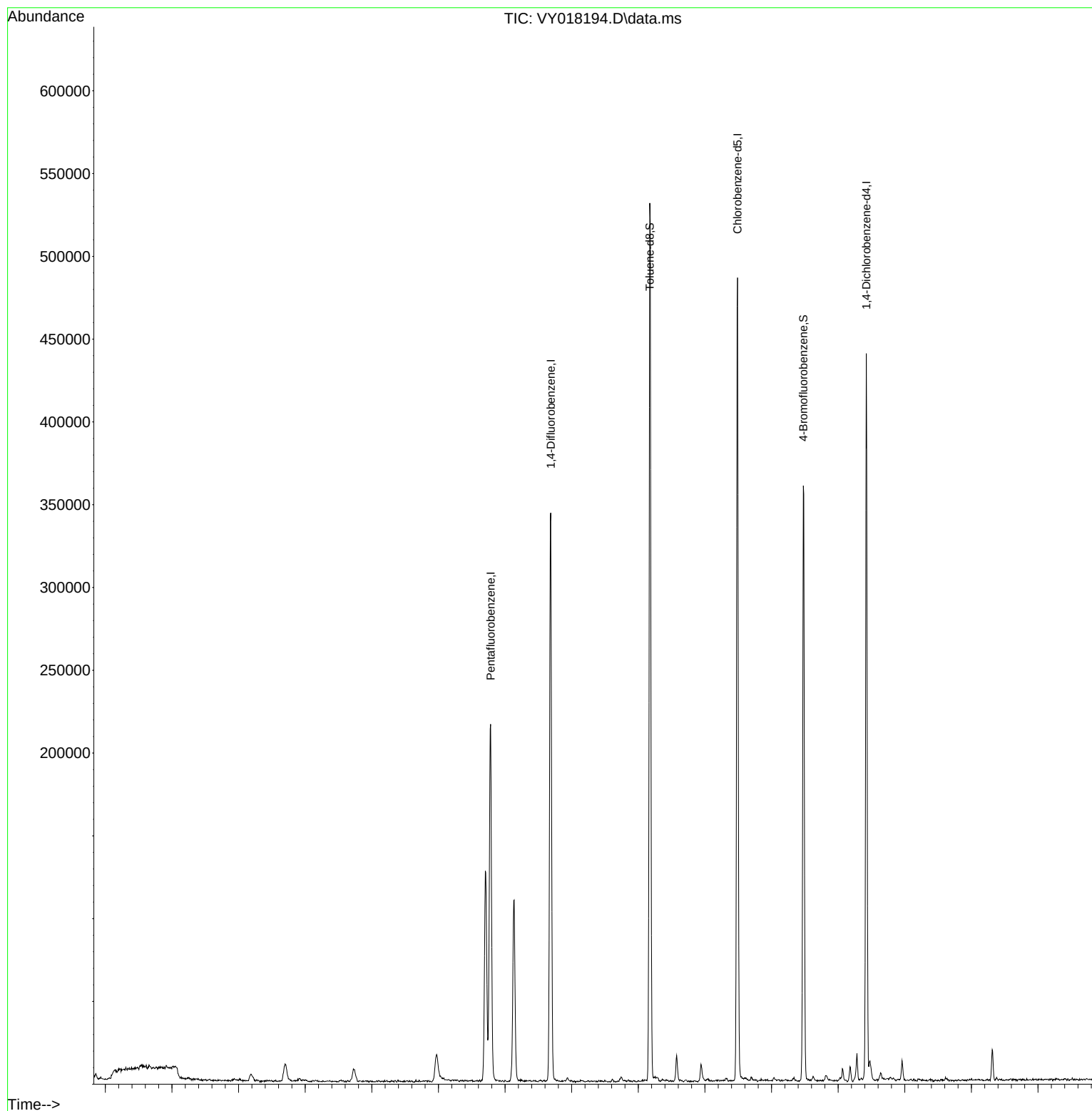
Target Compounds Qvalue

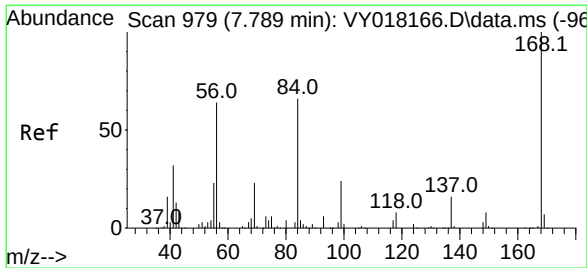
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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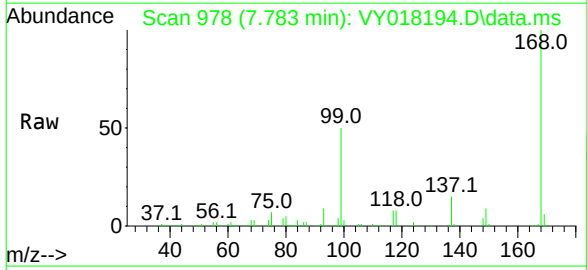
Quant Time: May 09 02:29:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
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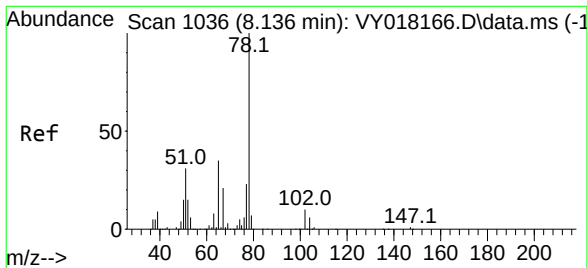
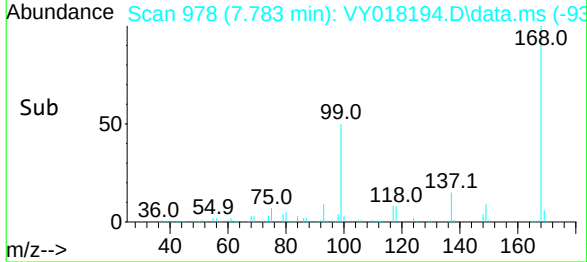
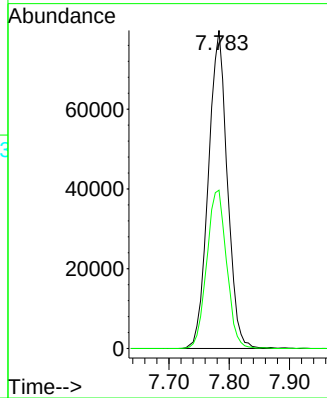


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Instrument :
MSVOA_Y
ClientSampleId :
1011UMR-SS005-0212-01

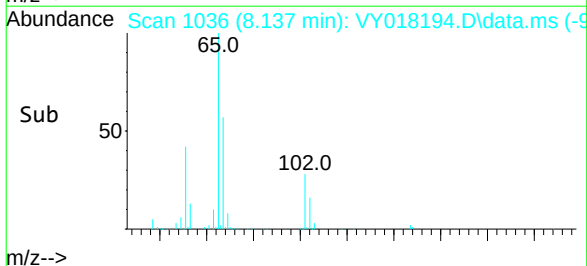
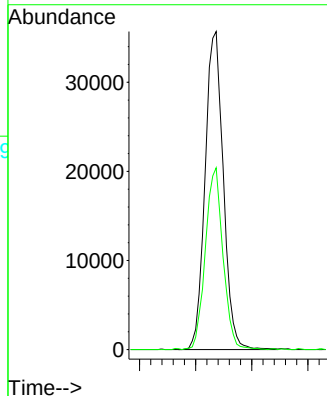
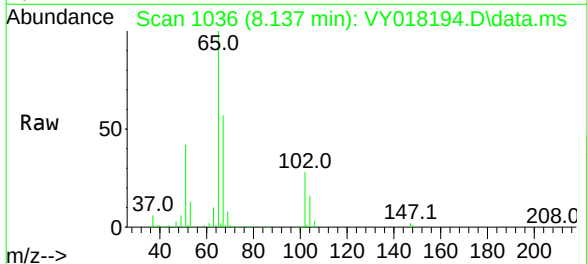


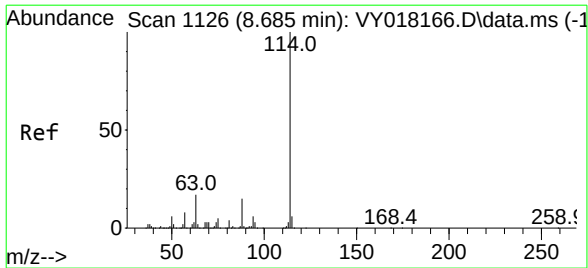
Tgt Ion:168 Resp: 174156
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 62.831 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Tgt Ion: 65 Resp: 80500
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

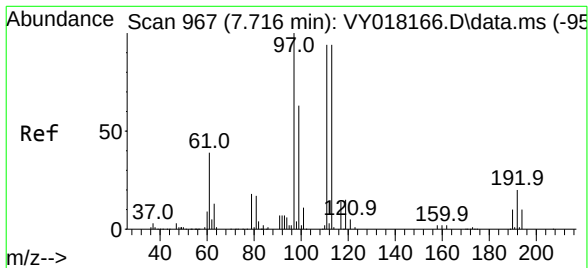
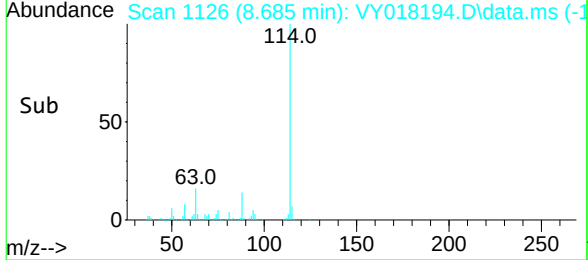
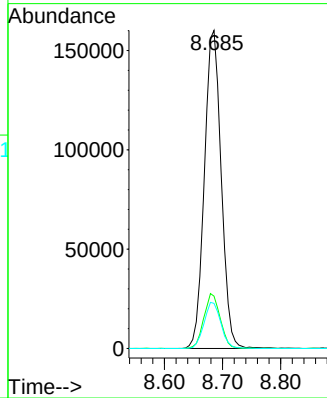
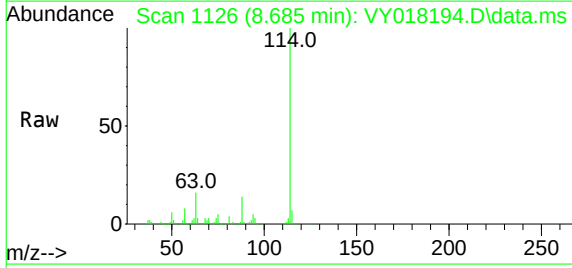




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

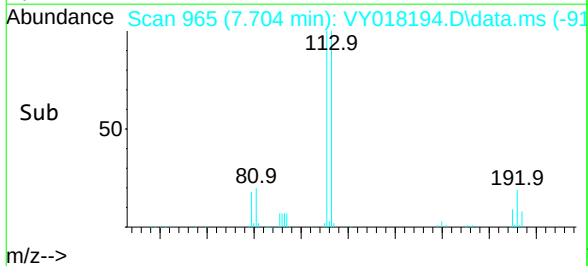
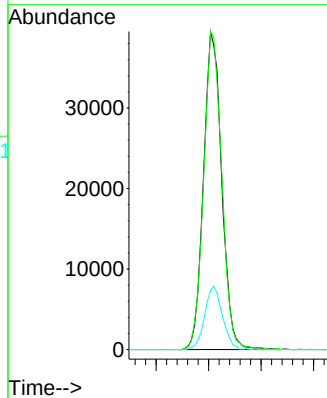
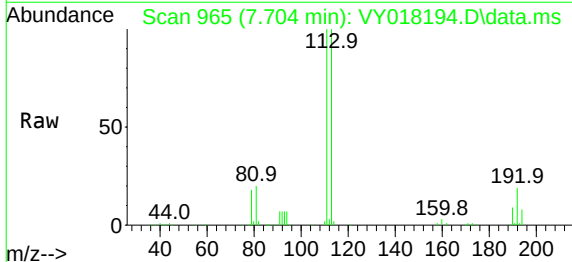
Instrument :
MSVOA_Y
ClientSampleId :
1011UMR-SS005-0212-01

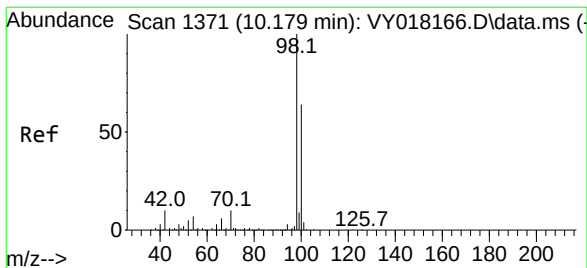
Tgt Ion:	114	Resp:	322006
Ion Ratio	Lower	Upper	
114	100		
63	16.5	0.0	35.0
88	14.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 56.048 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Tgt Ion:	113	Resp:	94850
Ion Ratio	Lower	Upper	
113	100		
111	99.6	82.2	123.4
192	19.5	15.9	23.9





#50

Toluene-d8

Concen: 54.178 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY018194.D

Acq: 08 May 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

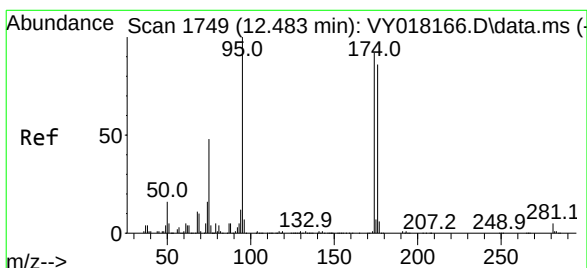
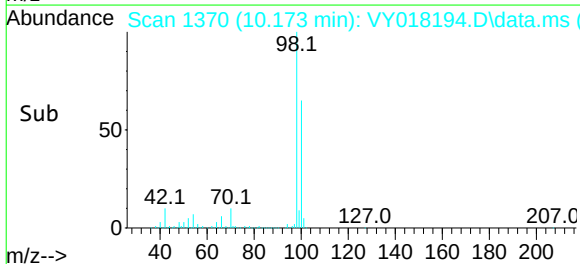
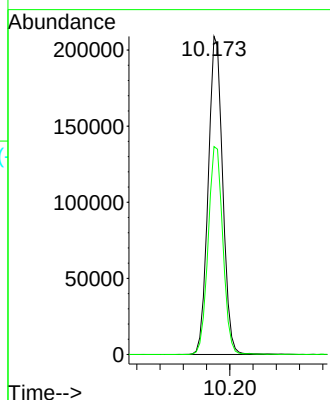
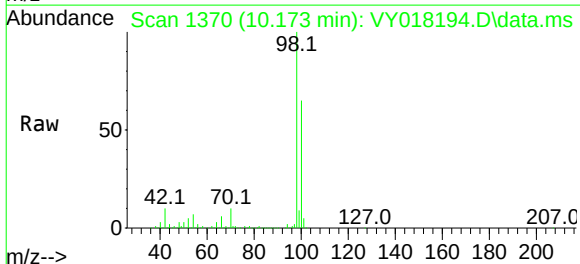
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Tgt Ion: 98 Resp: 361299

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.497 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018194.D

Acq: 08 May 2024 17:35

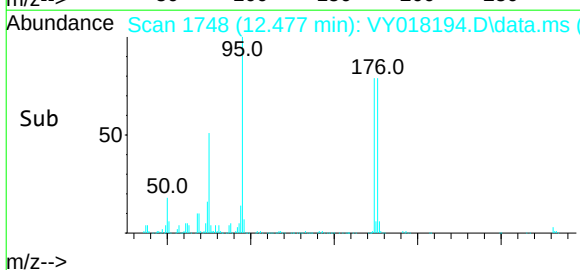
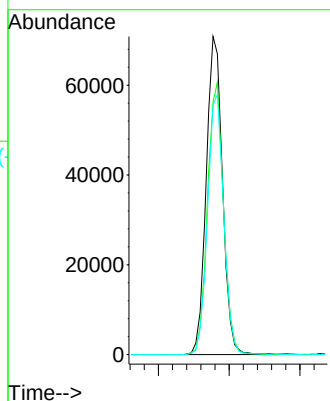
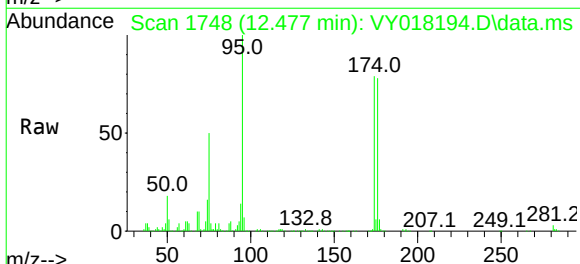
Tgt Ion: 95 Resp: 113058

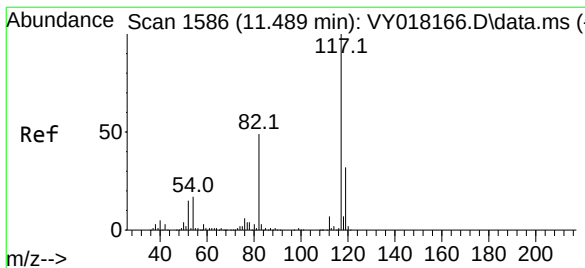
Ion Ratio Lower Upper

95 100

174 84.5 0.0 175.6

176 81.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018194.D

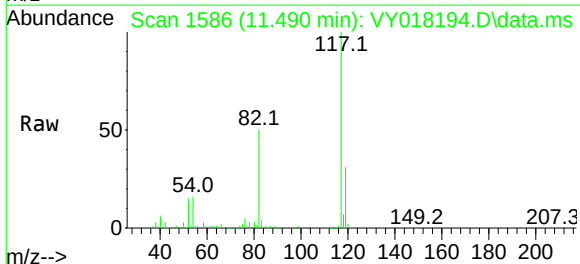
Acq: 08 May 2024 17:35

Instrument :

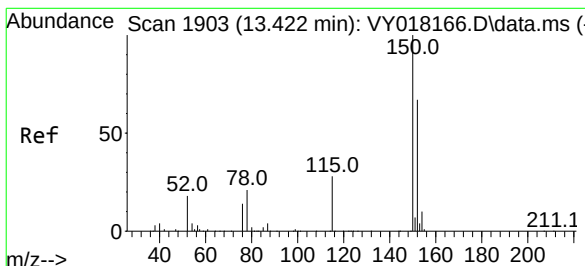
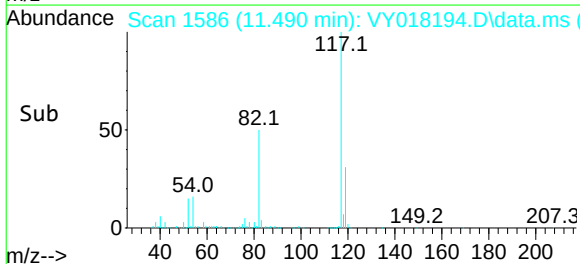
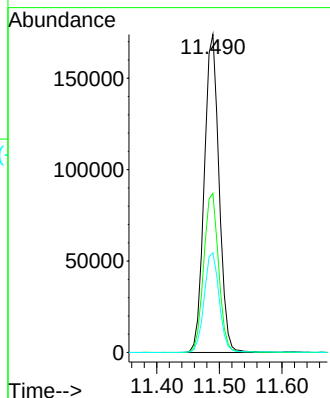
MSVOA_Y

ClientSampleId :

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Tgt Ion:	117	Resp:	285282
Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.4	63.6
119	31.4	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: VY018194.D

Acq: 08 May 2024 17:35

Tgt Ion:	152	Resp:	114036
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.7
150	155.4	0.0	345.6

