

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018841.D
 Acq On : 16 Jul 2024 19:34
 Operator : SY/MD
 Sample : P3255-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-07152024

Quant Time: Jul 17 02:00:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

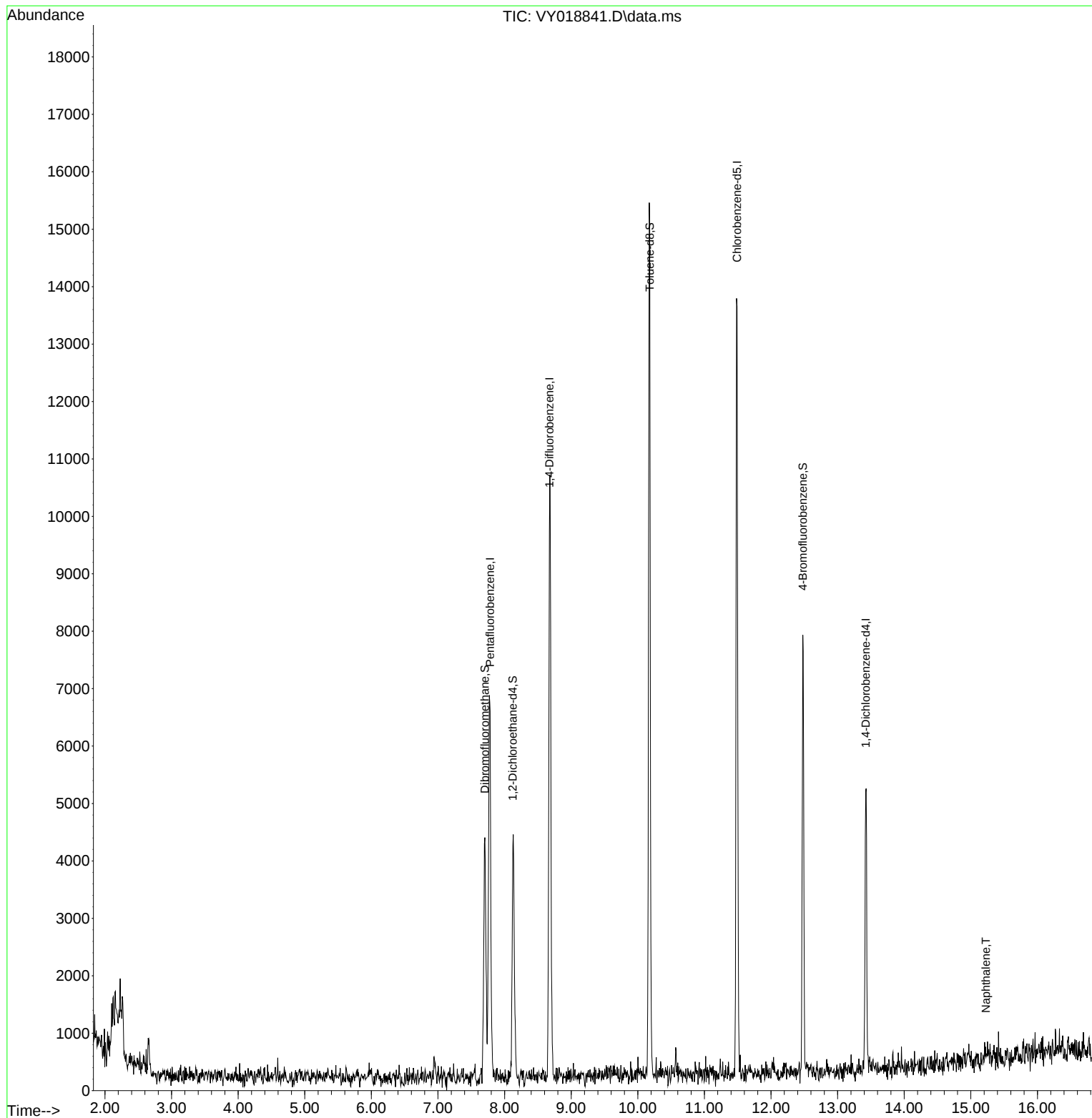
Internal Standards						
1) Pentafluorobenzene	7.783	168	6038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.673	114	10188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	8049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	3249	54.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.360%
35) Dibromofluoromethane	7.704	113	3029	47.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.940%
50) Toluene-d8	10.179	98	10660	44.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.200%
62) 4-Bromofluorobenzene	12.477	95	2535	30.706	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.420%
Target Compounds						
95) Naphthalene	15.227	128	416	7.720	ug/l	Qvalue # 69

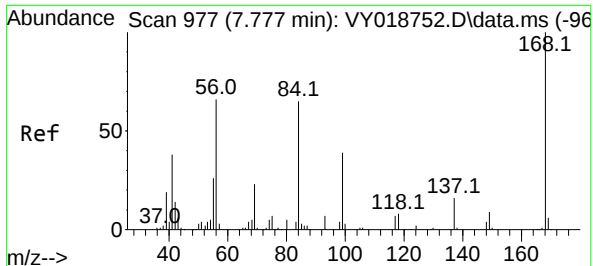
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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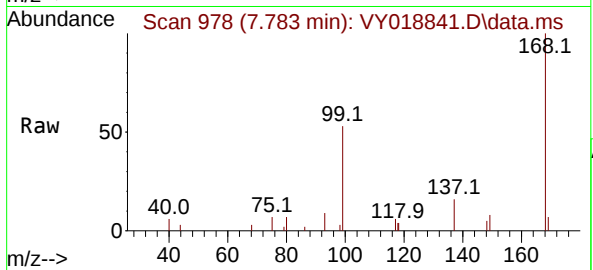
Quant Time: Jul 17 02:00:40 2024
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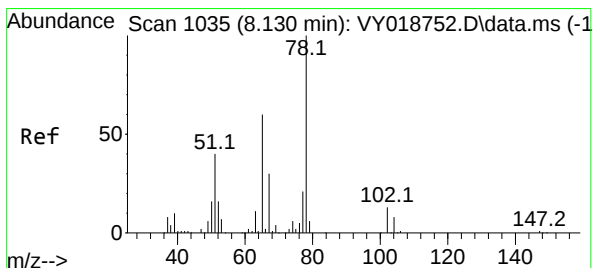
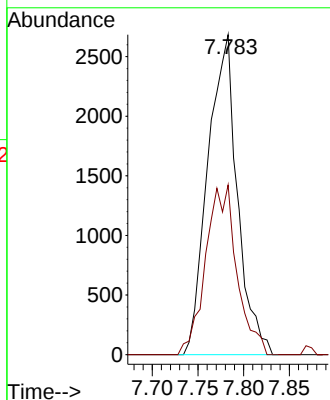
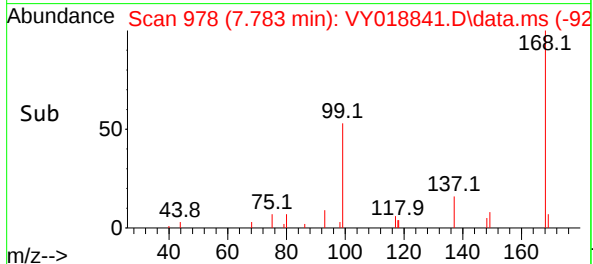


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018841.D
Acq: 16 Jul 2024 19:34

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-07152024

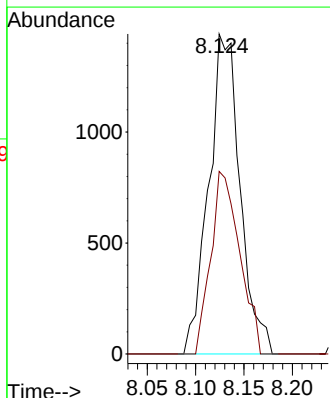
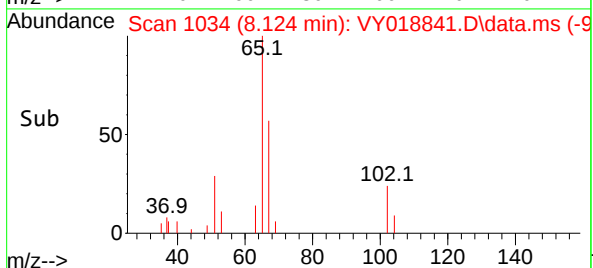
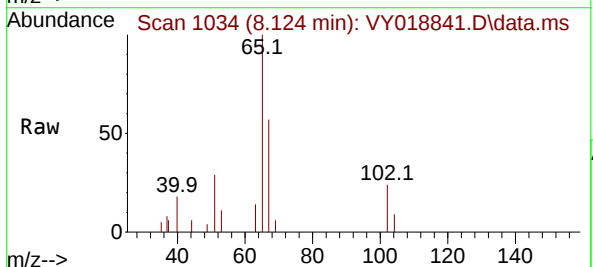


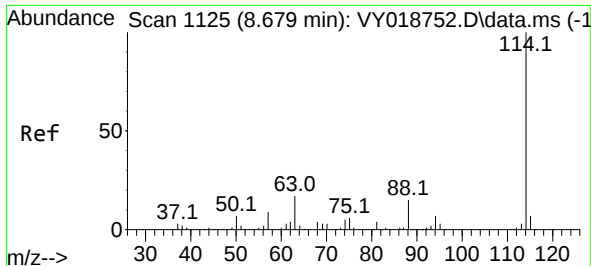
Tgt Ion:168 Resp: 6038
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.683 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018841.D
Acq: 16 Jul 2024 19:34

Tgt Ion: 65 Resp: 3249
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.673 min Scan# 1124

Delta R.T. -0.006 min

Lab File: VY018841.D

Acq: 16 Jul 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-07152024

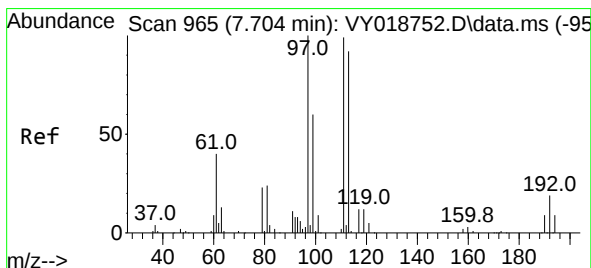
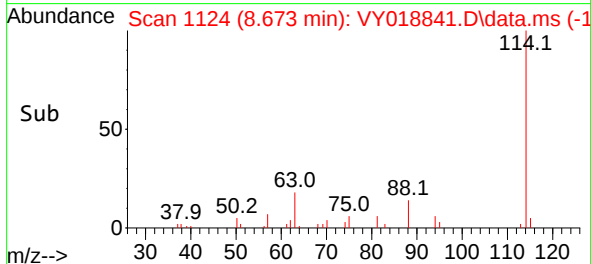
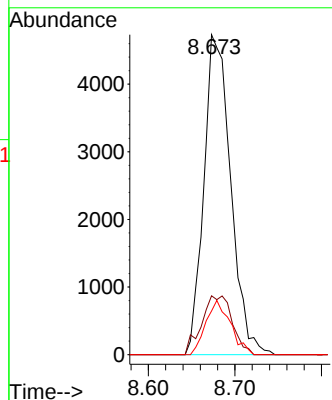
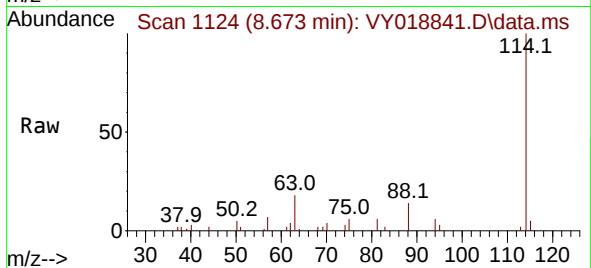
Tgt Ion:114 Resp: 10188

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.469 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018841.D

Acq: 16 Jul 2024 19:34

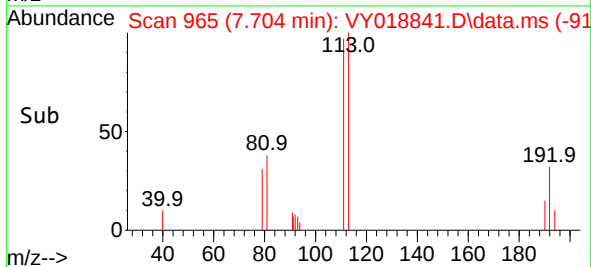
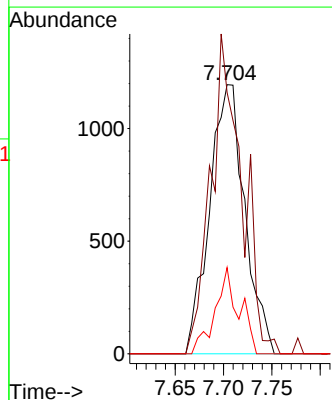
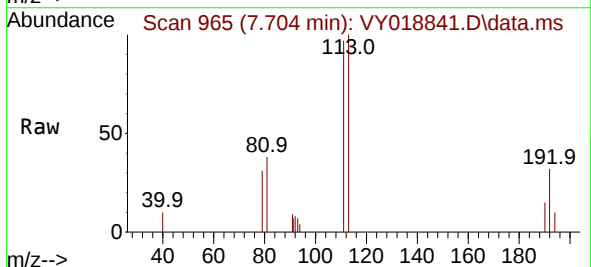
Tgt Ion:113 Resp: 3029

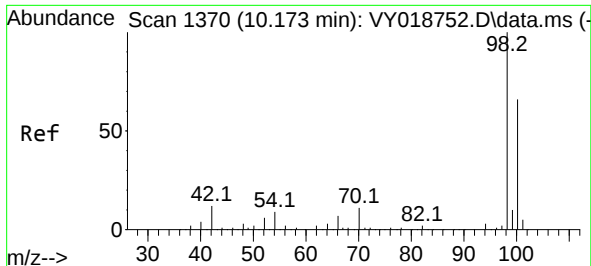
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

192 21.8 15.9 23.9

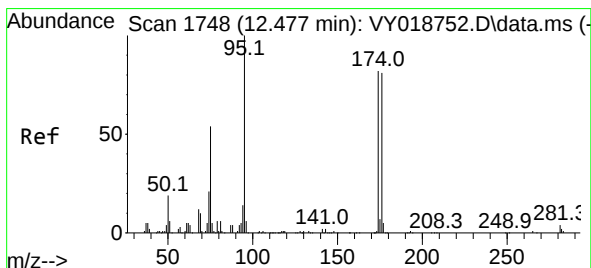
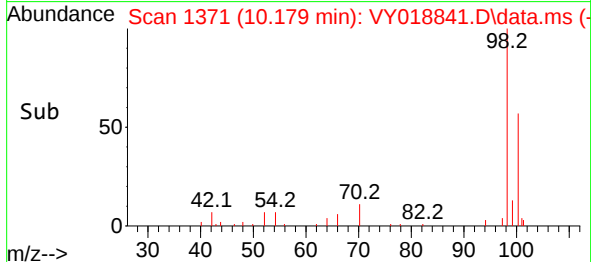
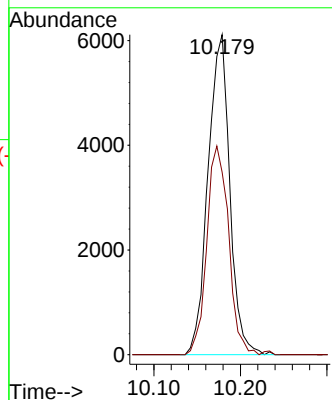
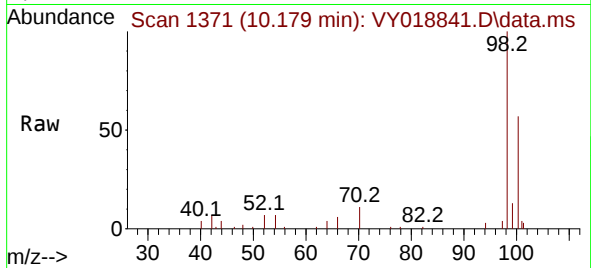




#50
Toluene-d8
Concen: 44.095 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018841.D
Acq: 16 Jul 2024 19:34

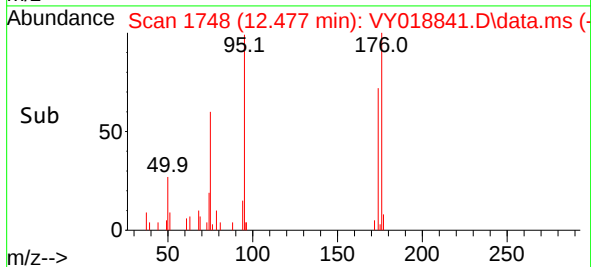
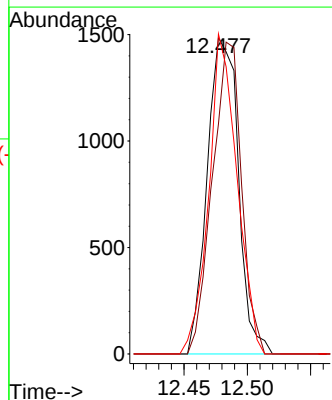
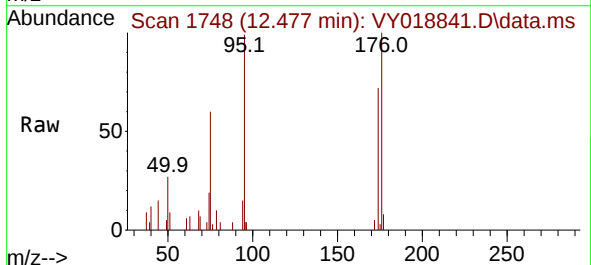
Instrument :
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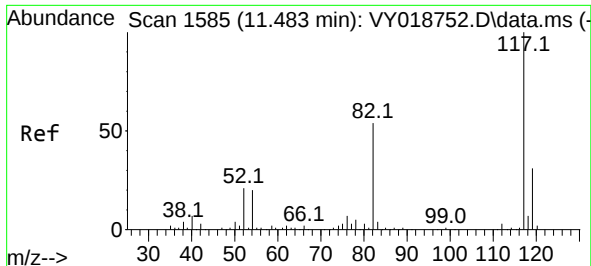
Tgt Ion: 98 Resp: 10660
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.706 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018841.D
Acq: 16 Jul 2024 19:34

Tgt Ion: 95 Resp: 2535
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 92.1 0.0 171.4

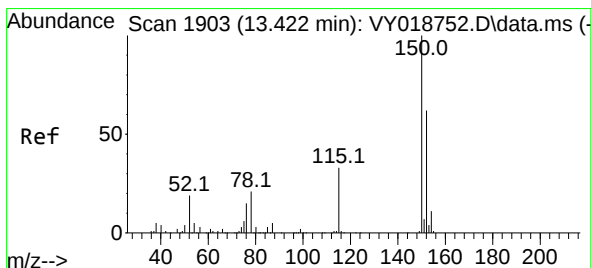
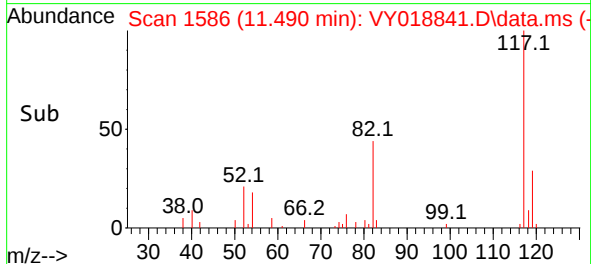
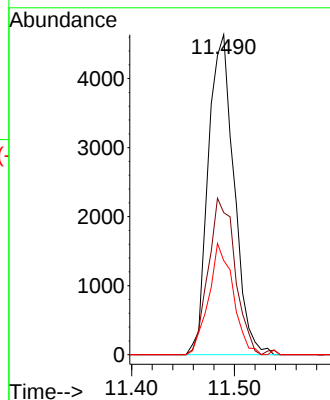
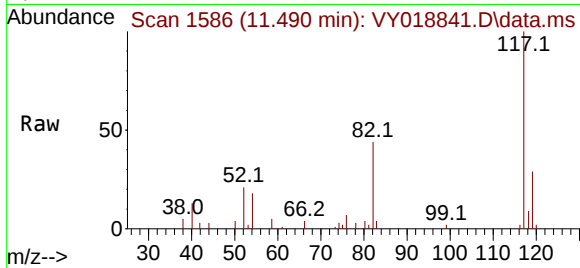




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018841.D
Acq: 16 Jul 2024 19:34

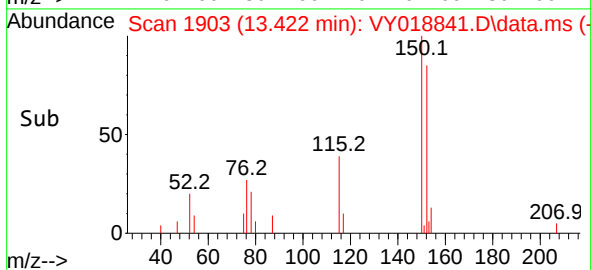
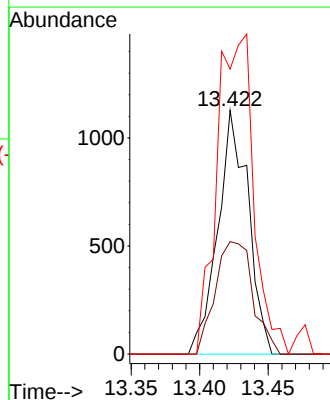
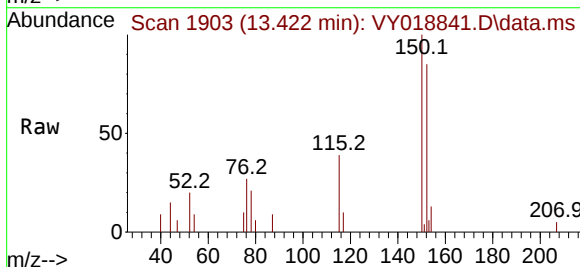
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-07152024

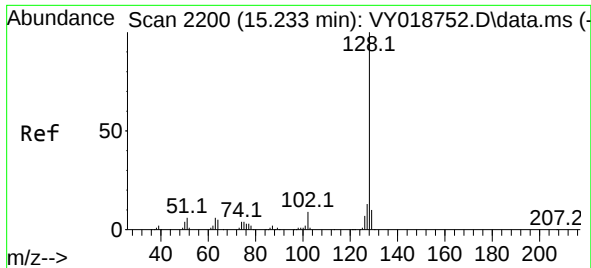
Tgt Ion:117 Resp: 8049
Ion Ratio Lower Upper
117 100
82 44.4 42.4 63.6
119 29.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018841.D
Acq: 16 Jul 2024 19:34

Tgt Ion:152 Resp: 1736
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 158.9 0.0 345.6





#95

Naphthalene

Concen: 7.720 ug/l

RT: 15.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY018841.D

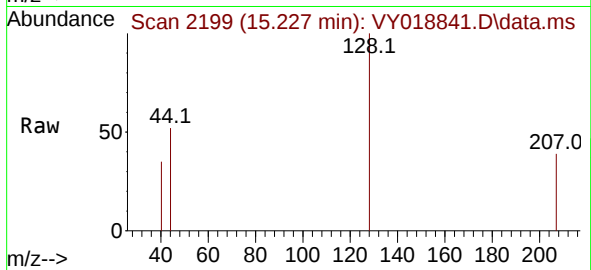
Acq: 16 Jul 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-07152024



Tgt Ion:128 Resp: 416

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

