

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018891.D
 Acq On : 22 Jul 2024 15:20
 Operator : SY/MD
 Sample : P3302-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 285-290RE

Quant Time: Jul 23 01:52:08 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)

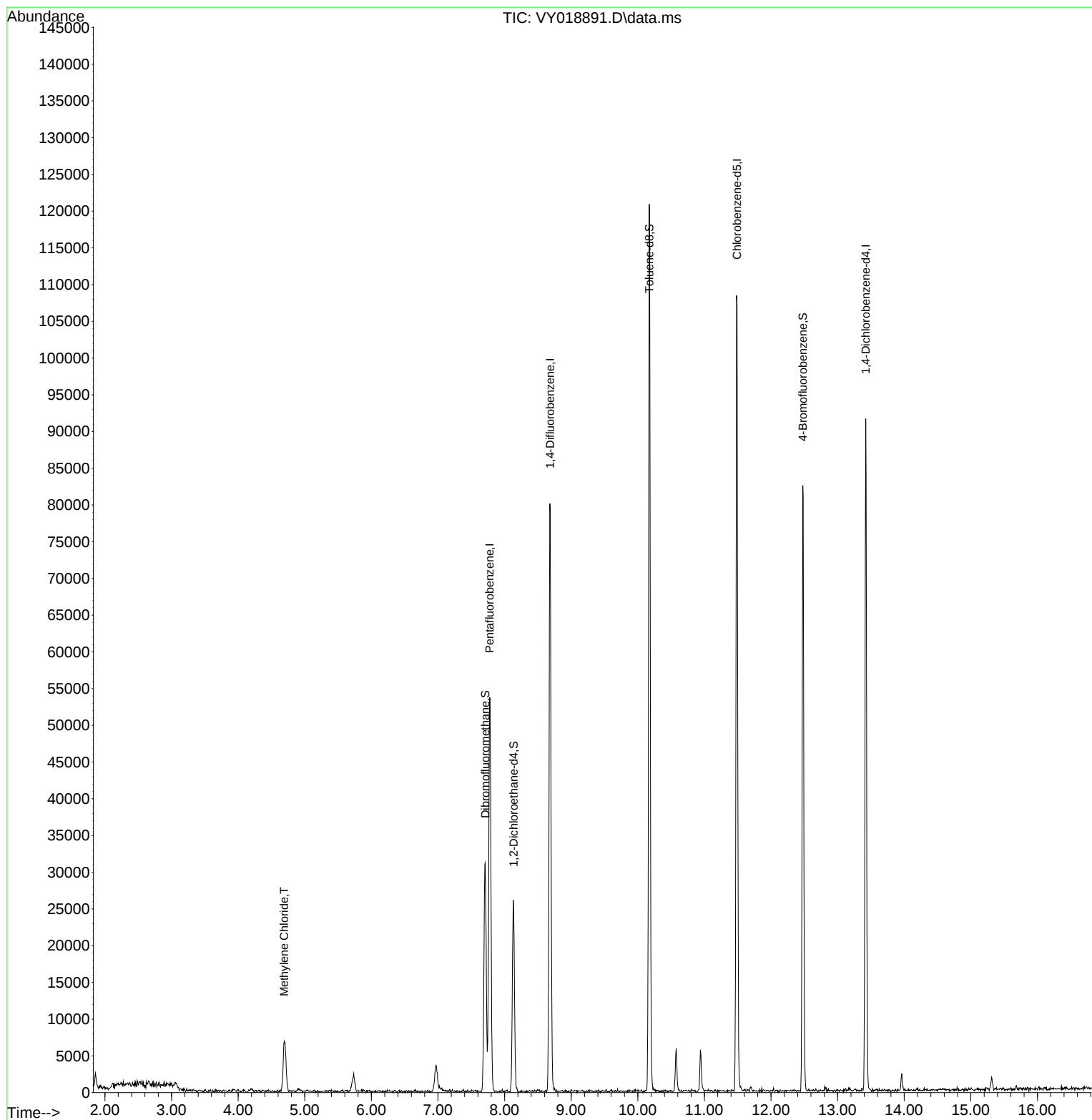
Internal Standards						
1) Pentafluorobenzene	7.777	168	42675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	70880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	62053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20403	48.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.710	113	21816	49.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.173	98	79078	47.017	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.040%
62) 4-Bromofluorobenzene	12.477	95	24151	42.048	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.100%
Target Compounds						Qvalue
20) Methylene Chloride	4.692	84	5070	7.327	ug/l	95

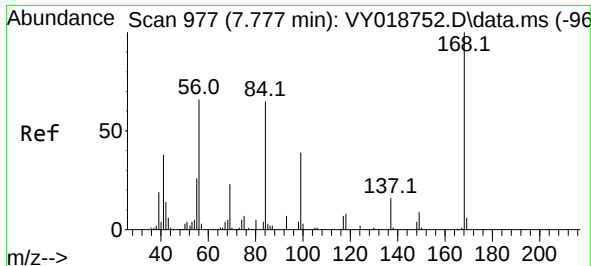
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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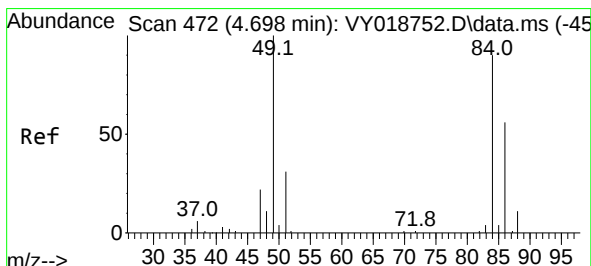
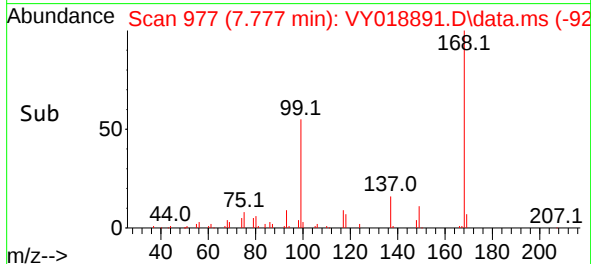
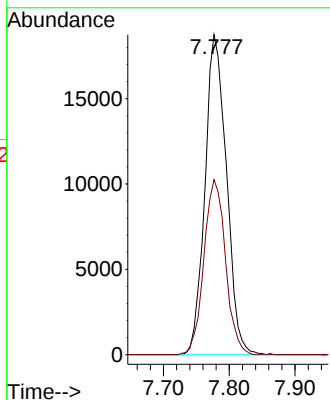
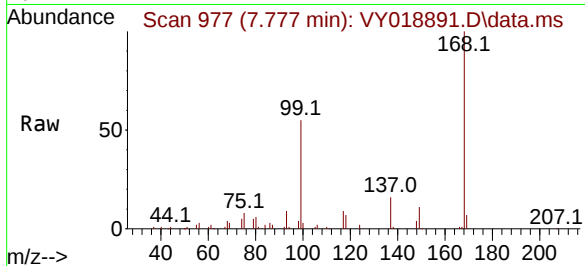




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018891.D
Acq: 22 Jul 2024 15:20

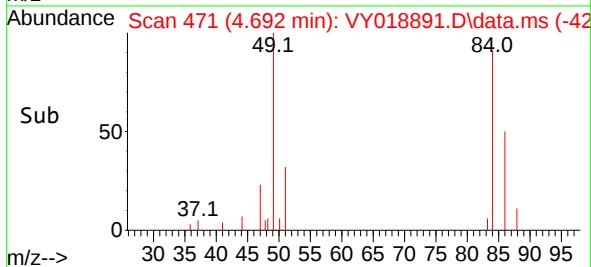
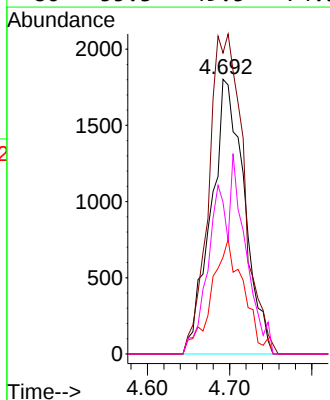
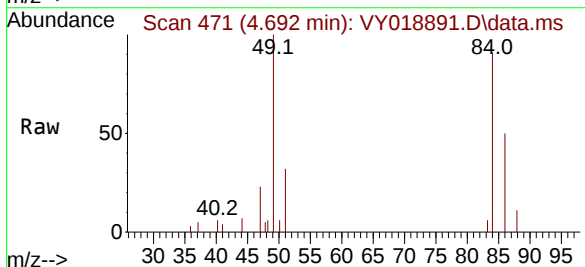
Instrument :
MSVOA_Y
ClientSampleId :
285-290RE

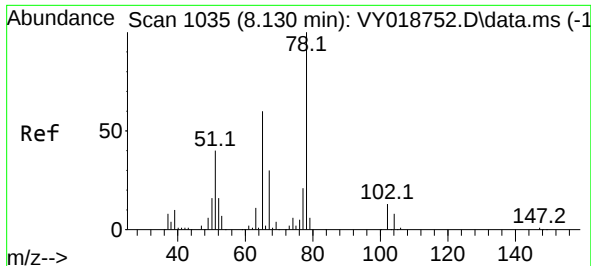
Tgt Ion:168 Resp: 42675
Ion Ratio Lower Upper
168 100
99 54.7 39.1 58.7



#20
Methylene Chloride
Concen: 7.327 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018891.D
Acq: 22 Jul 2024 15:20

Tgt Ion: 84 Resp: 5070
Ion Ratio Lower Upper
84 100
49 109.5 84.4 126.6
51 35.2 26.0 39.0
86 55.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 48.587 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY018891.D

Acq: 22 Jul 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

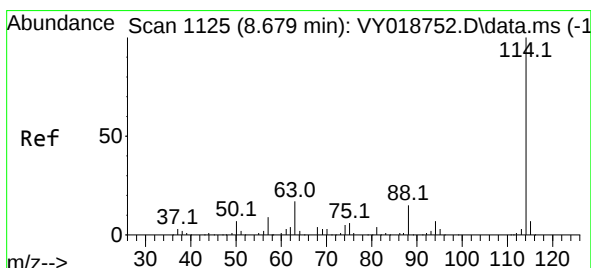
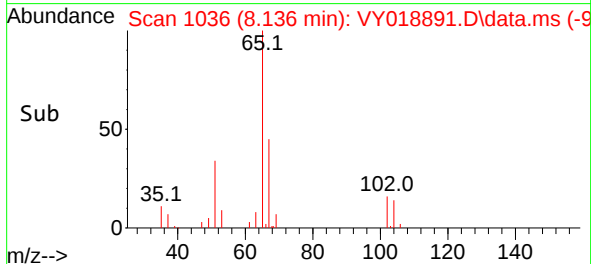
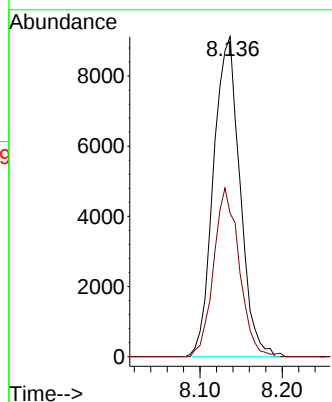
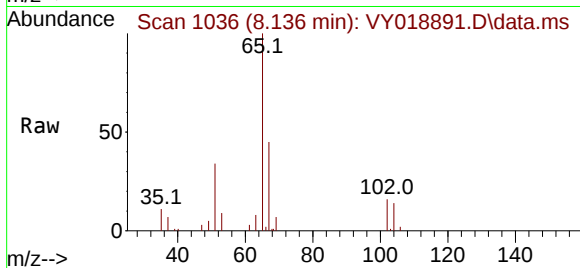
285-290RE

Tgt Ion: 65 Resp: 20403

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018891.D

Acq: 22 Jul 2024 15:20

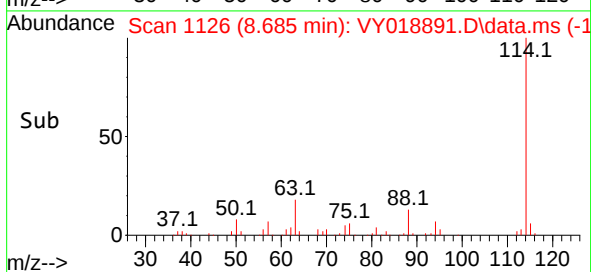
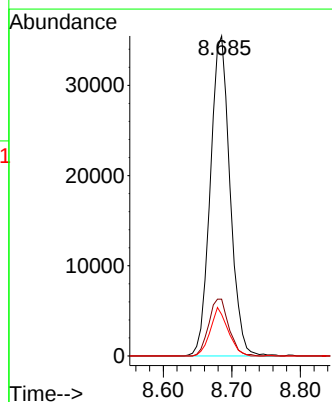
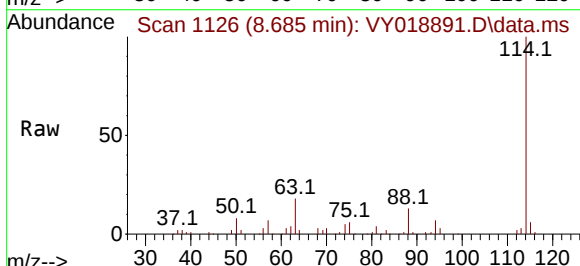
Tgt Ion: 114 Resp: 70880

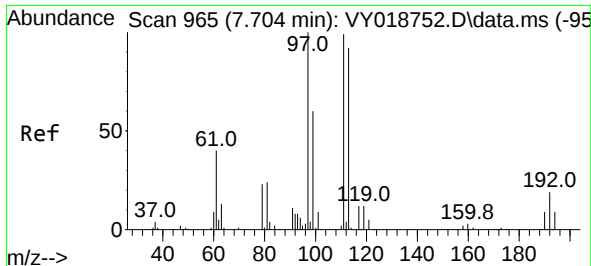
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 12.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.142 ug/l

RT: 7.710 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY018891.D

Acq: 22 Jul 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

285-290RE

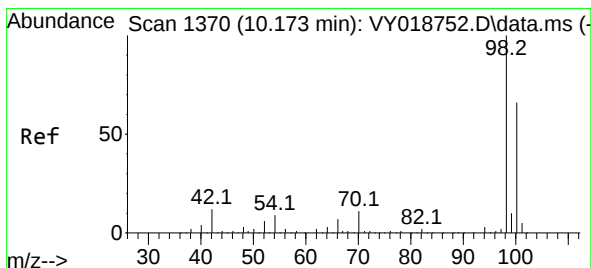
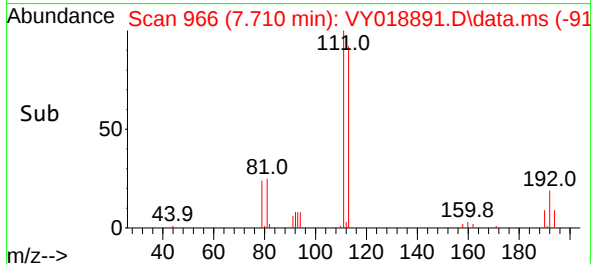
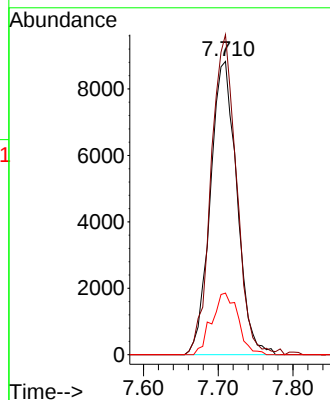
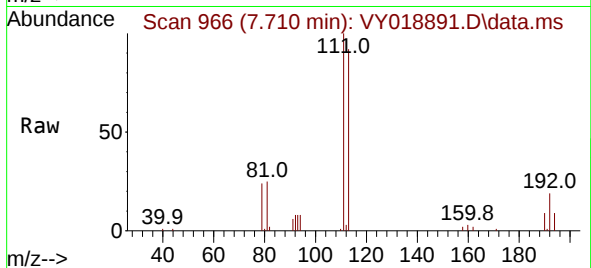
Tgt Ion:113 Resp: 21816

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 20.9 15.9 23.9



#50

Toluene-d8

Concen: 47.017 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018891.D

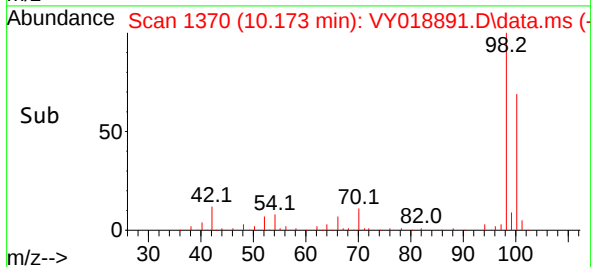
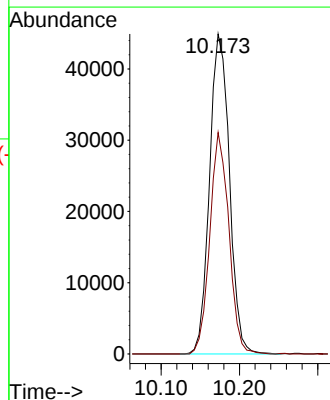
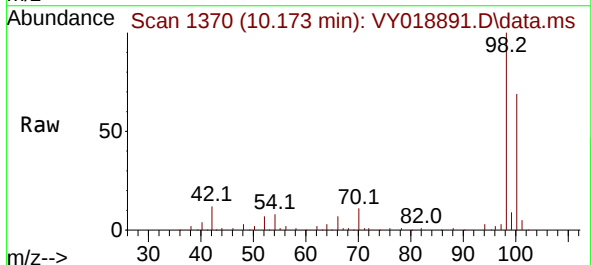
Acq: 22 Jul 2024 15:20

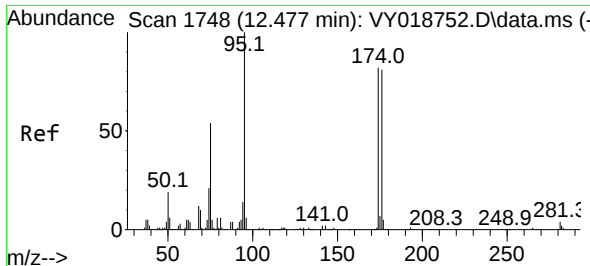
Tgt Ion: 98 Resp: 79078

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0

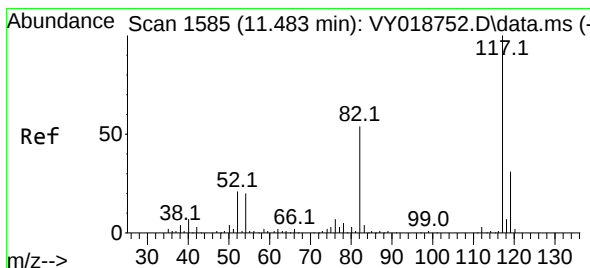
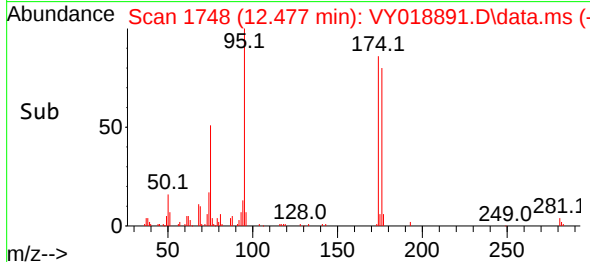
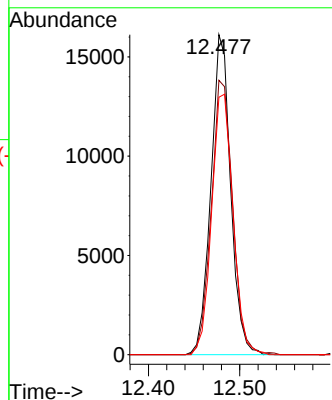
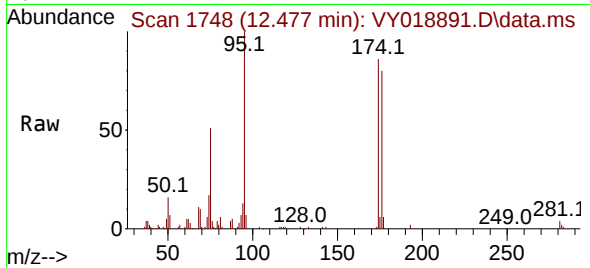




#62
4-Bromofluorobenzene
Concen: 42.048 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018891.D
Acq: 22 Jul 2024 15:20

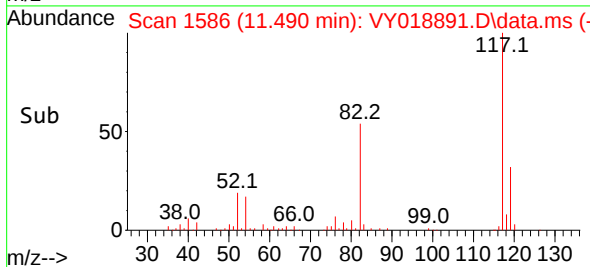
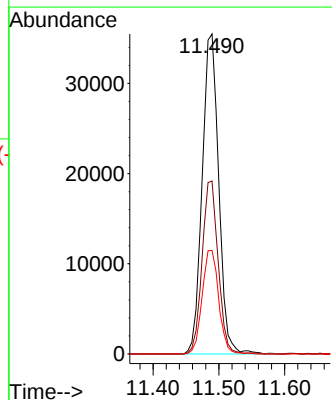
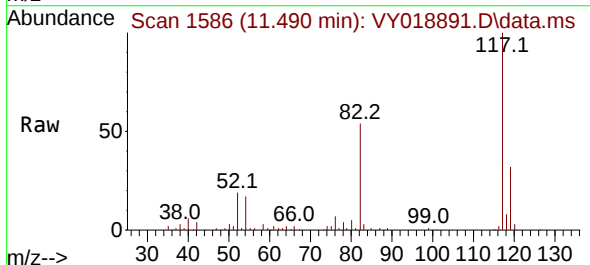
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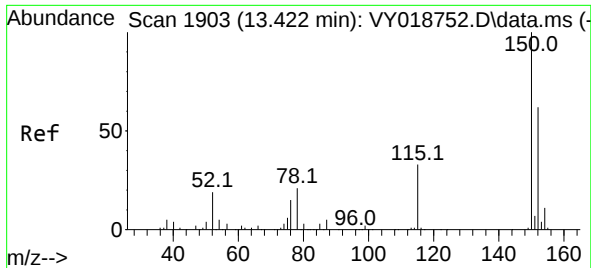
Tgt Ion: 95 Resp: 24151
Ion Ratio Lower Upper
95 100
174 93.0 0.0 175.6
176 88.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018891.D
Acq: 22 Jul 2024 15:20

Tgt Ion: 117 Resp: 62053
Ion Ratio Lower Upper
117 100
82 54.0 42.4 63.6
119 32.3 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: VY018891.D

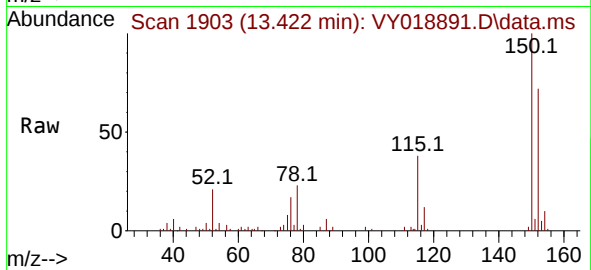
Acq: 22 Jul 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

285-290RE



Tgt Ion:152 Resp: 25103

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 154.0 0.0 345.6

