

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018890.D
 Acq On : 22 Jul 2024 14:55
 Operator : SY/MD
 Sample : P3314-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ206

Quant Time: Jul 22 16:49:56 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)

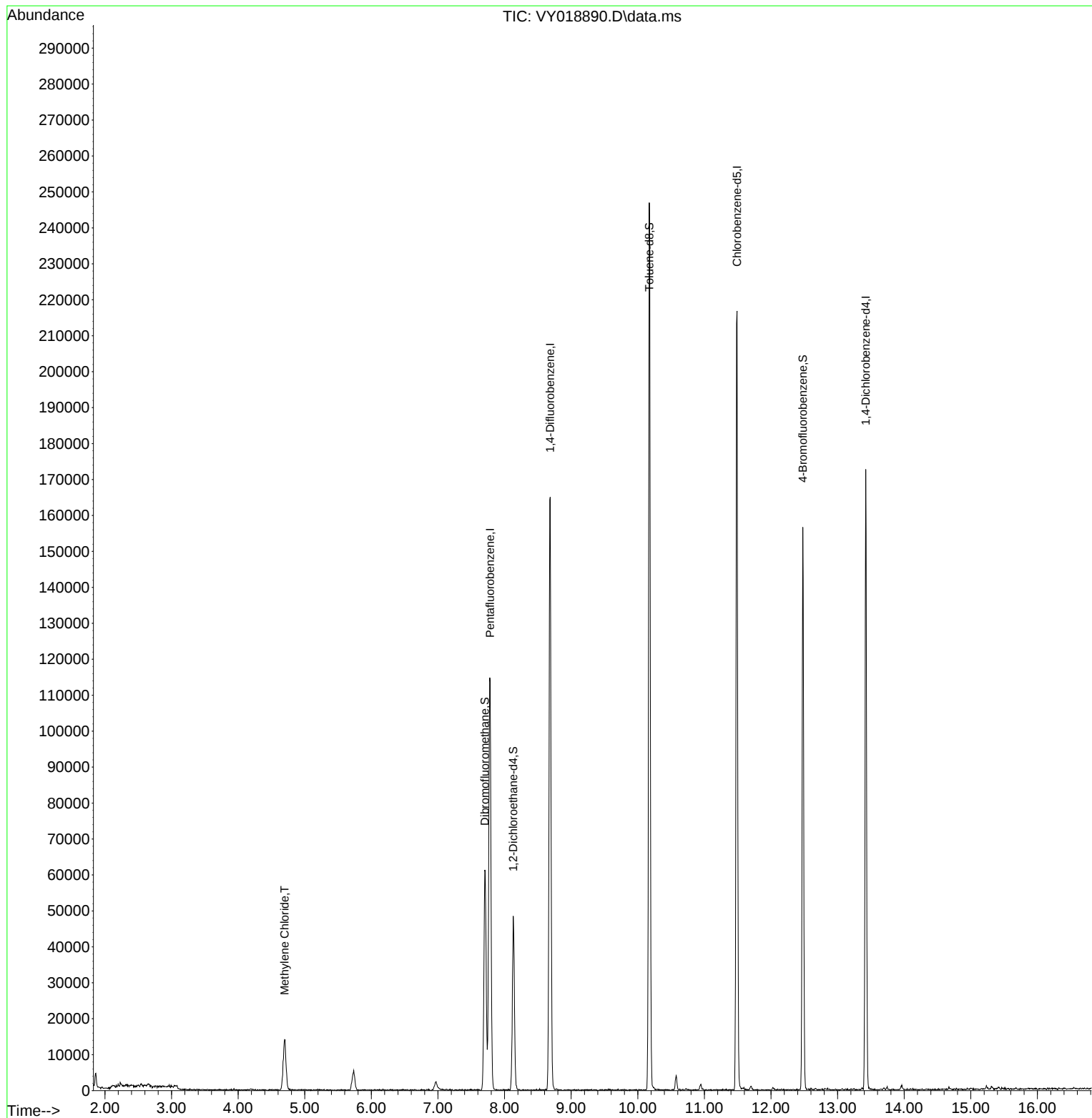
Internal Standards						
1) Pentafluorobenzene	7.783	168	93092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	148992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	122513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36145	39.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.920%
35) Dibromofluoromethane	7.704	113	40653	43.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.120%
50) Toluene-d8	10.173	98	164302	46.473	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.940%
62) 4-Bromofluorobenzene	12.477	95	44708	37.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.060%
Target Compounds						
20) Methylene Chloride	4.698	84	10788	7.012	ug/l	Qvalue 96

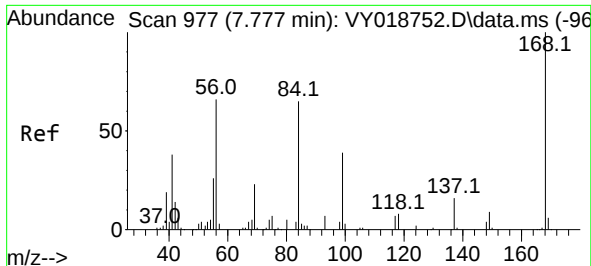
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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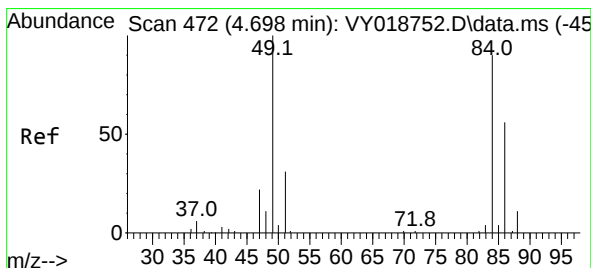
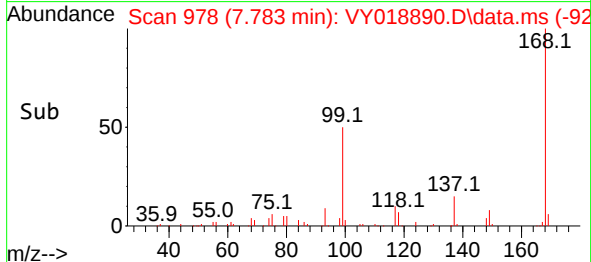
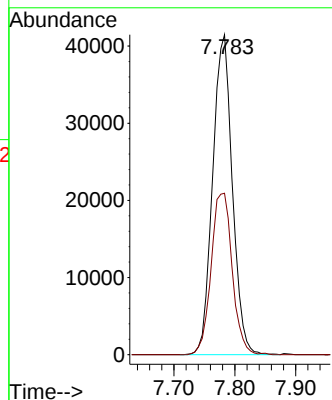
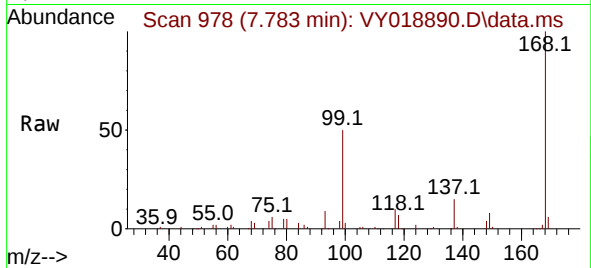




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018890.D
Acq: 22 Jul 2024 14:55

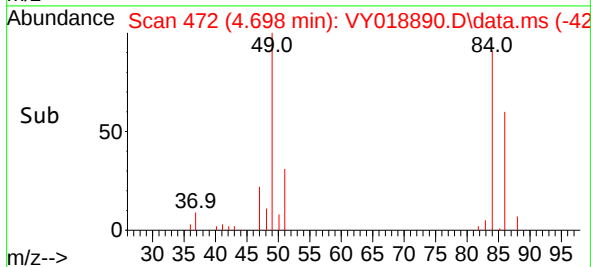
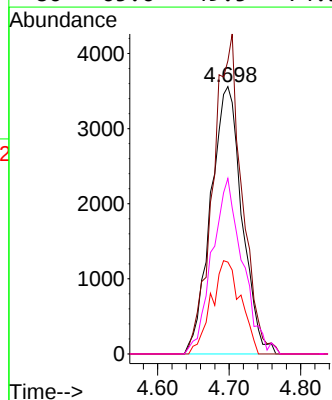
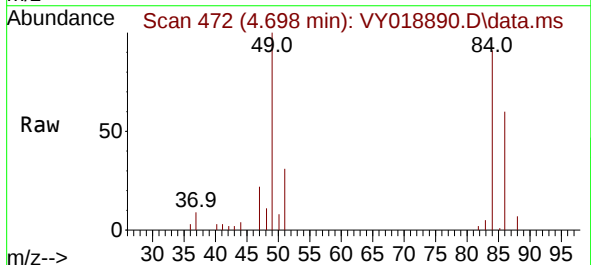
Instrument :
MSVOA_Y
ClientSampleId :
VNJ206

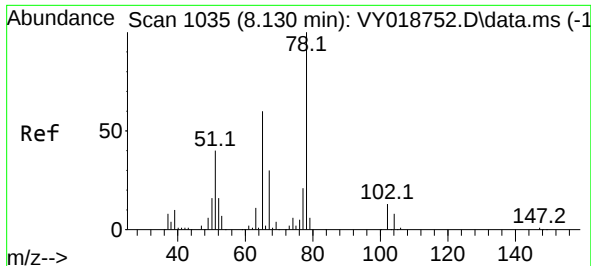
Tgt Ion:168 Resp: 93092
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7



#20
Methylene Chloride
Concen: 7.012 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018890.D
Acq: 22 Jul 2024 14:55

Tgt Ion: 84 Resp: 10788
Ion Ratio Lower Upper
84 100
49 109.6 84.4 126.6
51 34.3 26.0 39.0
86 65.6 49.5 74.3

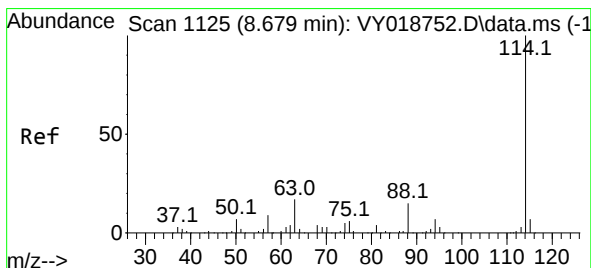
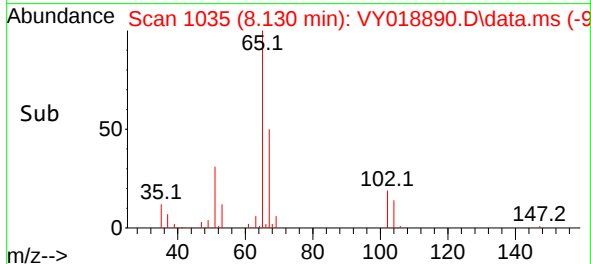
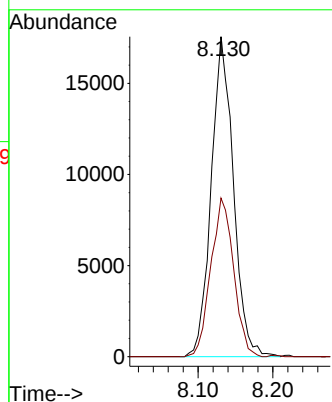
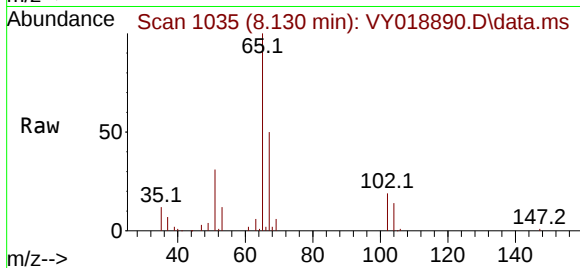




#33
1,2-Dichloroethane-d4
Concen: 39.458 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018890.D
Acq: 22 Jul 2024 14:55

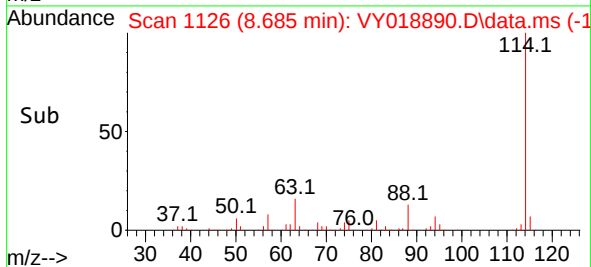
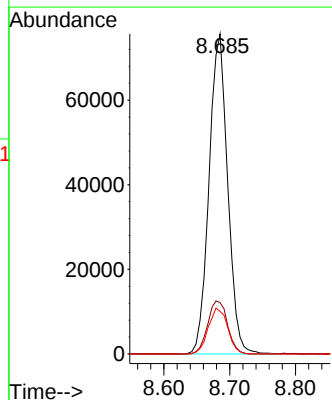
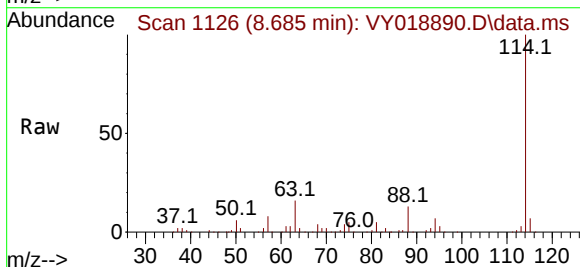
Instrument :
MSVOA_Y
ClientSampleId :
VNJ206

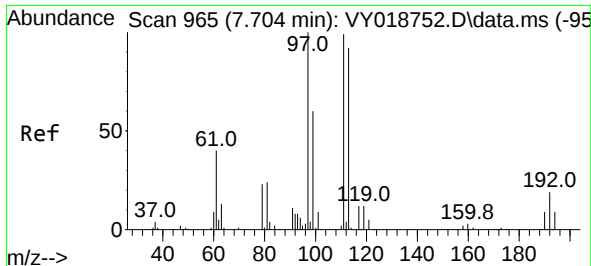
Tgt Ion: 65 Resp: 36145
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018890.D
Acq: 22 Jul 2024 14:55

Tgt Ion: 114 Resp: 148992
Ion Ratio Lower Upper
114 100
63 16.0 0.0 35.0
88 13.3 0.0 27.2

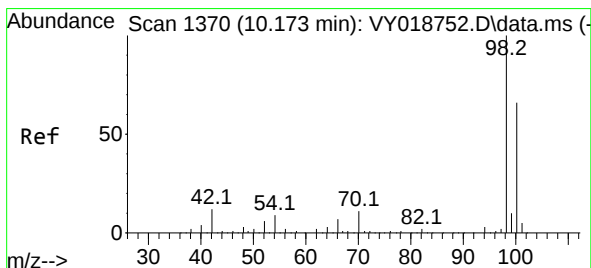
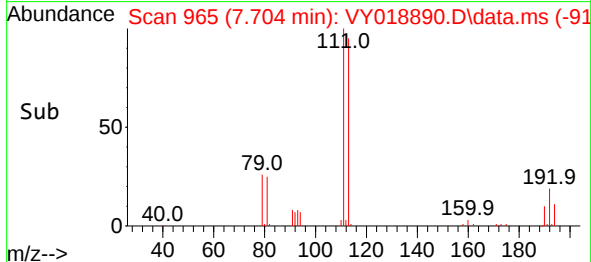
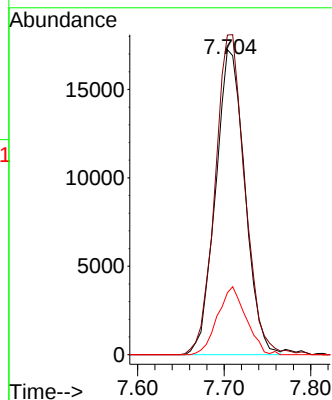
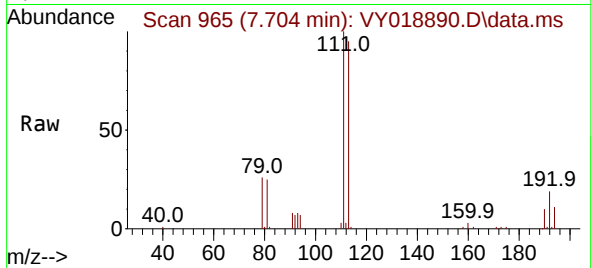




#35
Dibromofluoromethane
Concen: 43.565 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018890.D
Acq: 22 Jul 2024 14:55

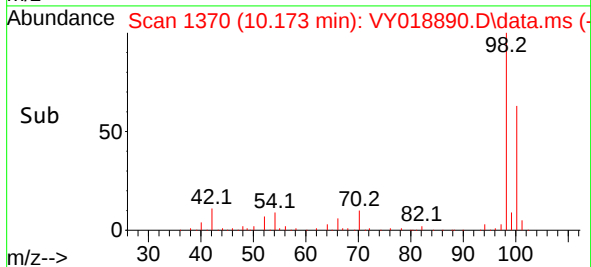
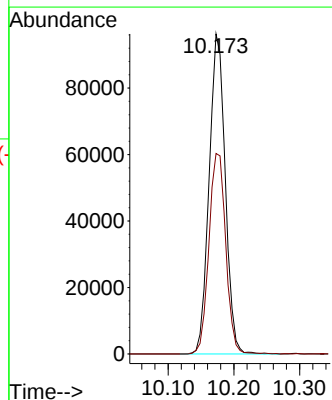
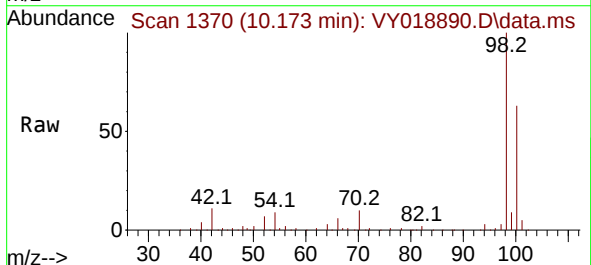
Instrument :
MSVOA_Y
ClientSampleId :
VNJ206

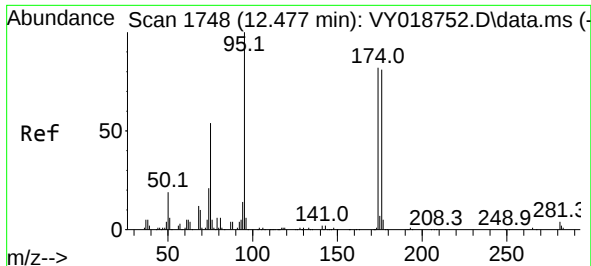
Tgt Ion:113 Resp: 40653
Ion Ratio Lower Upper
113 100
111 106.3 82.2 123.4
192 21.6 15.9 23.9



#50
Toluene-d8
Concen: 46.473 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018890.D
Acq: 22 Jul 2024 14:55

Tgt Ion: 98 Resp: 164302
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

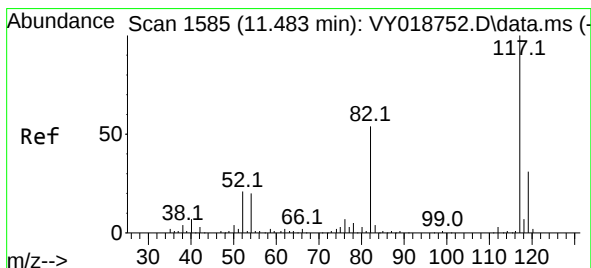
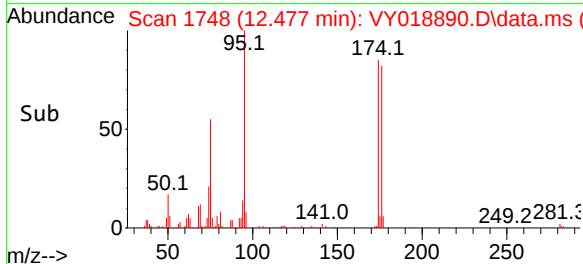
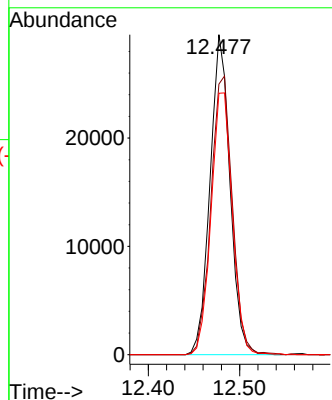
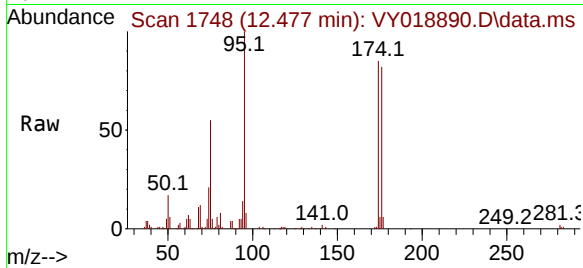




#62
4-Bromofluorobenzene
Concen: 37.030 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018890.D
Acq: 22 Jul 2024 14:55

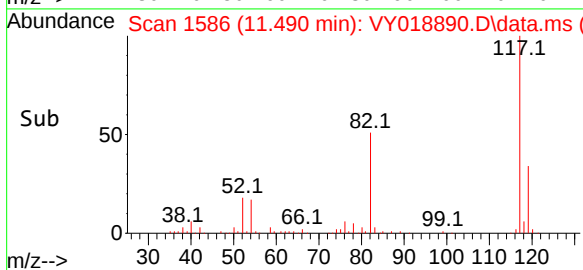
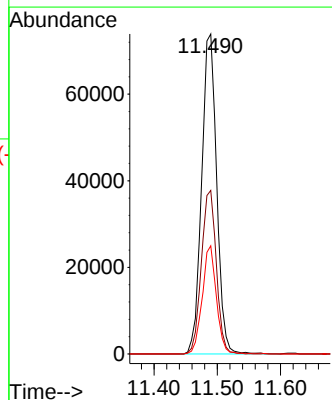
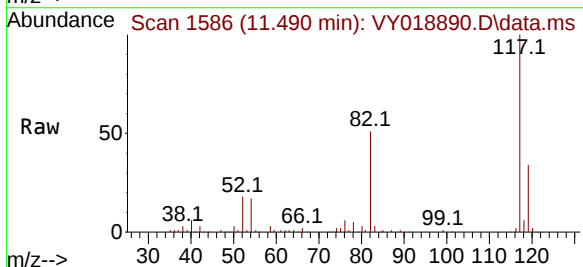
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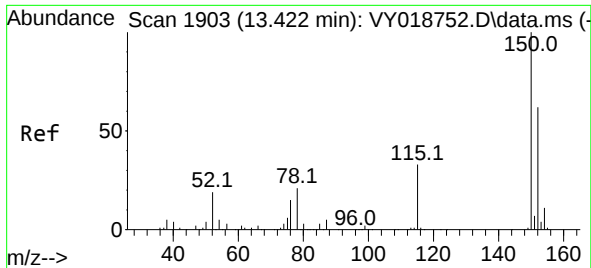
Tgt Ion: 95 Resp: 44708
Ion Ratio Lower Upper
95 100
174 93.9 0.0 175.6
176 87.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018890.D
Acq: 22 Jul 2024 14:55

Tgt Ion: 117 Resp: 122513
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 33.8 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: VY018890.D

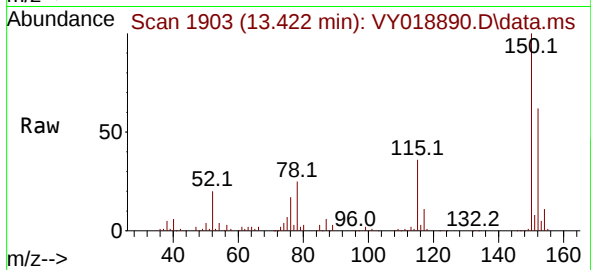
Acq: 22 Jul 2024 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VNJ206



Tgt Ion:152 Resp: 42739

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 160.4 0.0 345.6

