

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018918.D
 Acq On : 25 Jul 2024 17:28
 Operator : SY/MD
 Sample : P3339-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-072324

Quant Time: Jul 26 03:01:42 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)

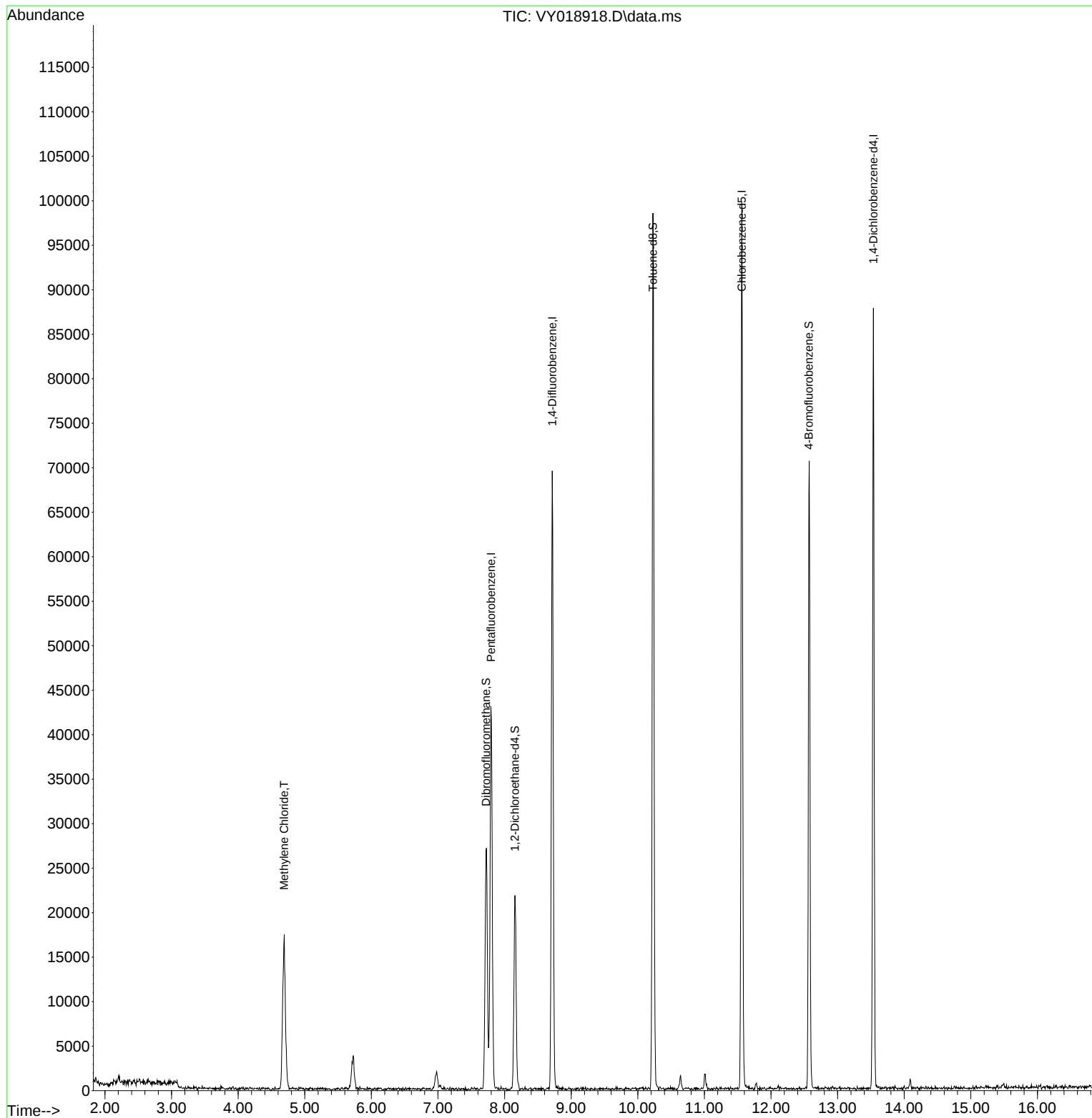
Internal Standards						
1) Pentafluorobenzene	7.795	168	35033	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	60391	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.563	117	56172	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.538	152	22518	50.000	ug/l	0.12
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	17137	49.711	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.420%
35) Dibromofluoromethane	7.722	113	19788	52.316	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.640%
50) Toluene-d8	10.228	98	68041	47.481	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.569	95	22000	44.955	ug/l	0.09
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.920%
Target Compounds						
20) Methylene Chloride	4.692	84	12661	33.542	ug/l	Qvalue 94

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

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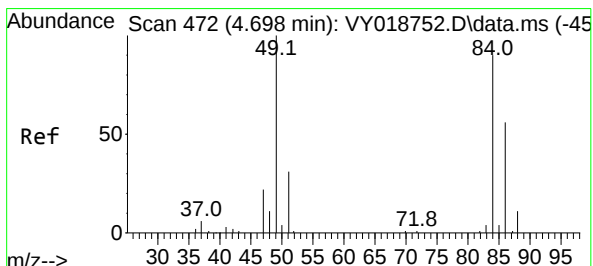
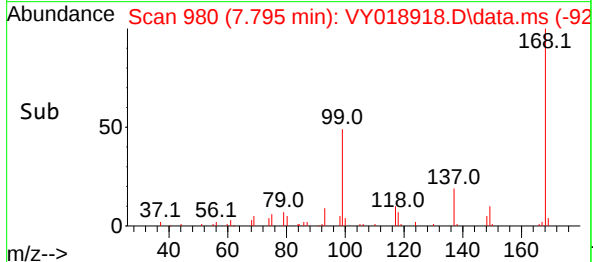
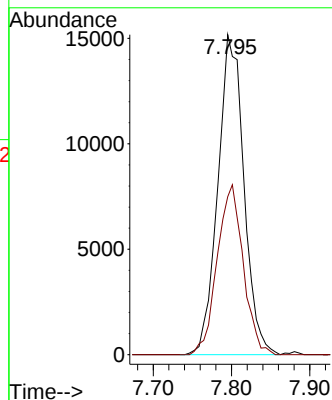
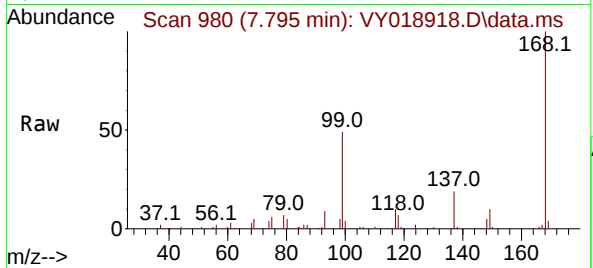




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

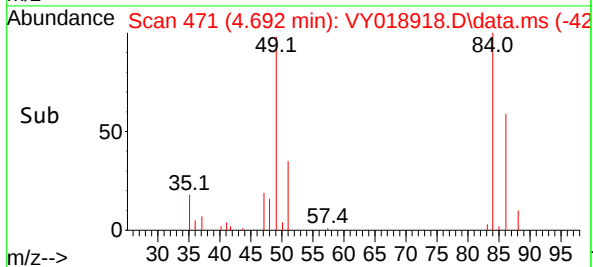
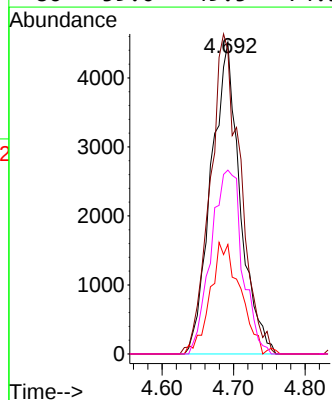
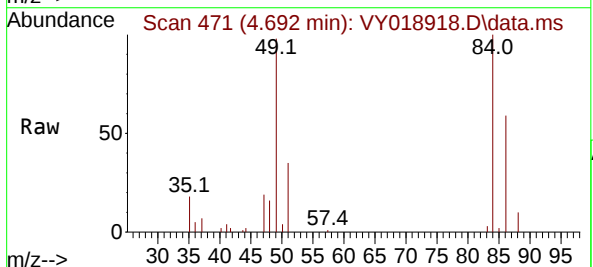
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-072324

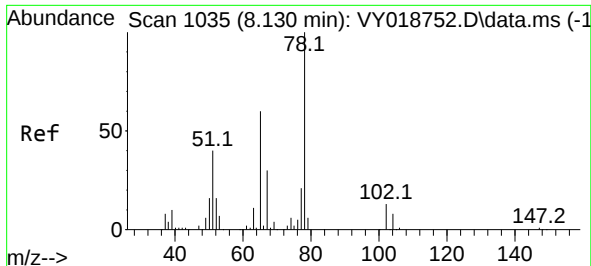
Tgt Ion:168 Resp: 35033
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#20
Methylene Chloride
Concen: 33.542 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

Tgt Ion: 84 Resp: 12661
Ion Ratio Lower Upper
84 100
49 97.6 84.4 126.6
51 35.2 26.0 39.0
86 59.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 49.711 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. 0.024 min

Lab File: VY018918.D

Acq: 25 Jul 2024 17:28

Instrument :

MSVOA_Y

ClientSampleId :

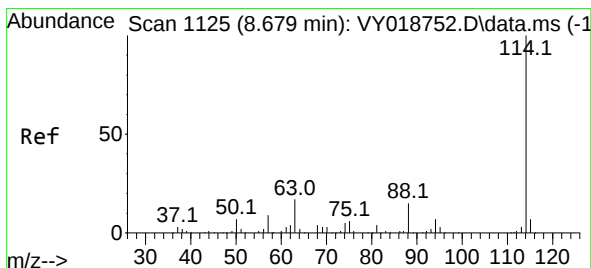
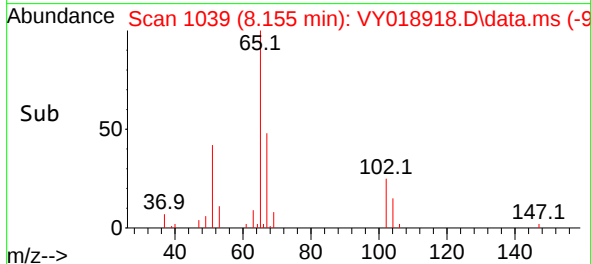
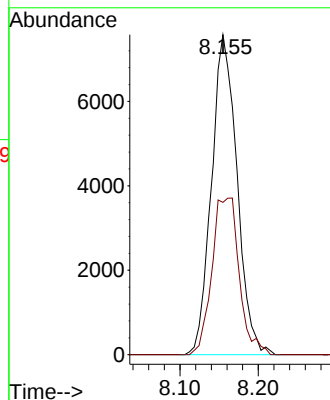
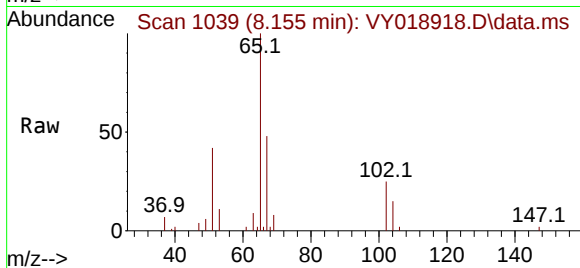
SU-03-072324

Tgt Ion: 65 Resp: 17137

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.037 min

Lab File: VY018918.D

Acq: 25 Jul 2024 17:28

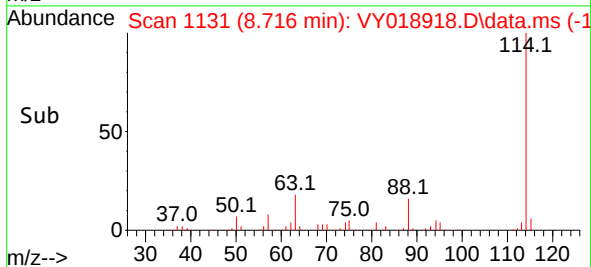
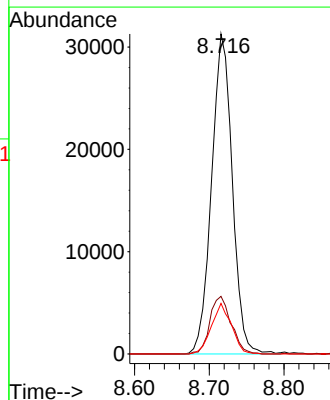
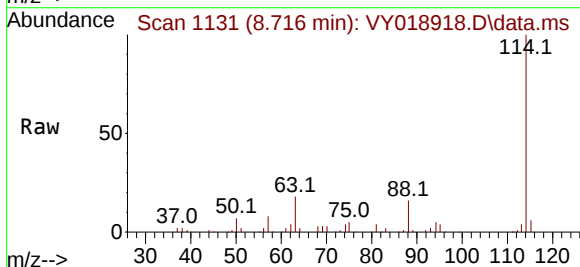
Tgt Ion: 114 Resp: 60391

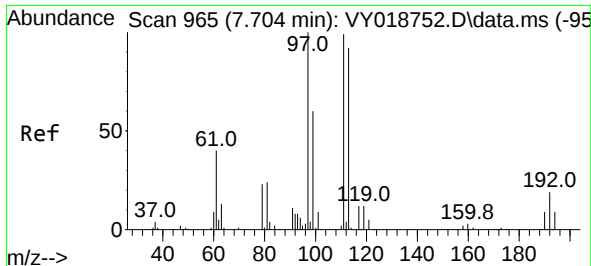
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 15.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.316 ug/l

RT: 7.722 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY018918.D

Acq: 25 Jul 2024 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-072324

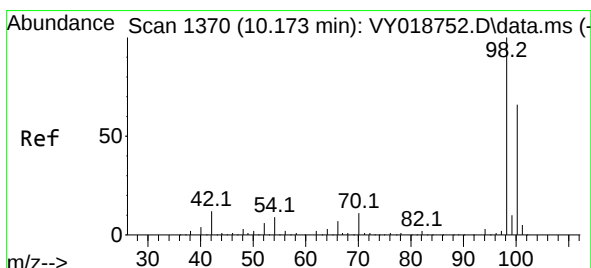
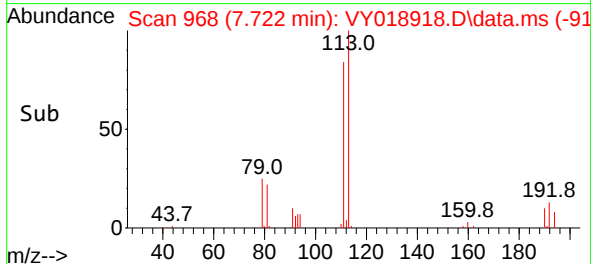
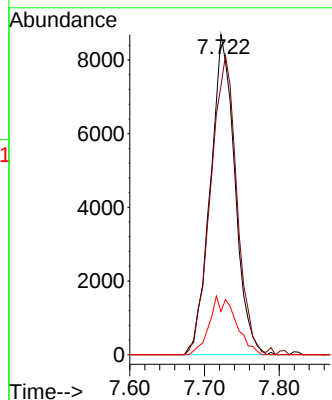
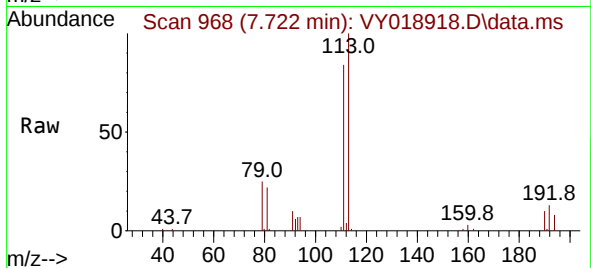
Tgt Ion:113 Resp: 19788

Ion Ratio Lower Upper

113 100

111 99.6 82.2 123.4

192 19.6 15.9 23.9



#50

Toluene-d8

Concen: 47.481 ug/l

RT: 10.228 min Scan# 1379

Delta R.T. 0.055 min

Lab File: VY018918.D

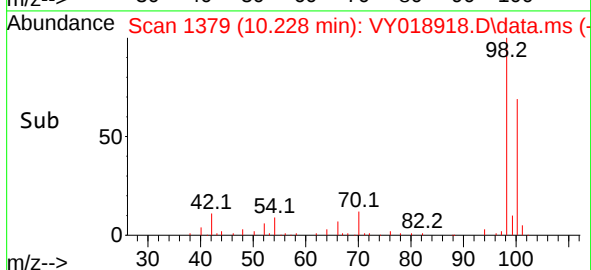
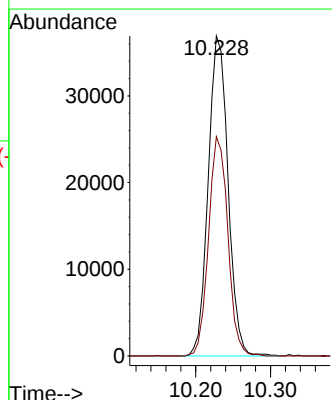
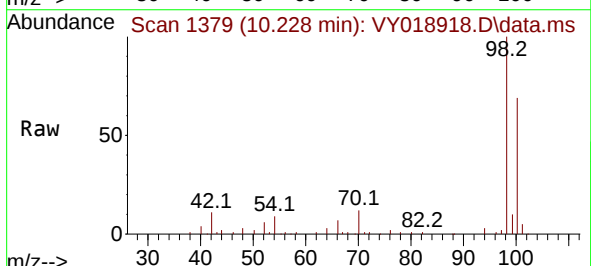
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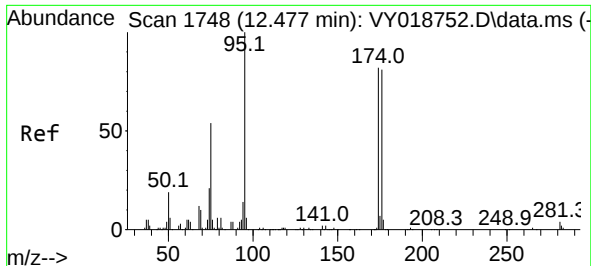
Tgt Ion: 98 Resp: 68041

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0

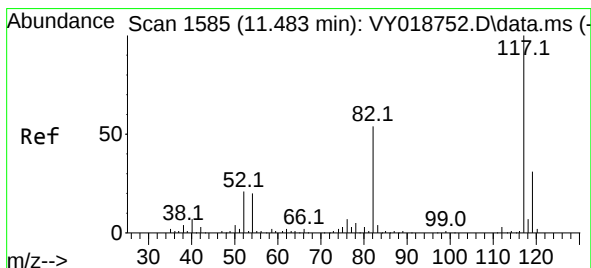
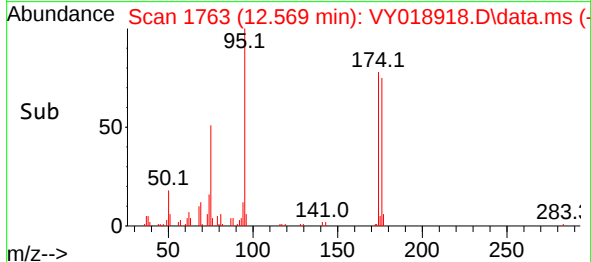
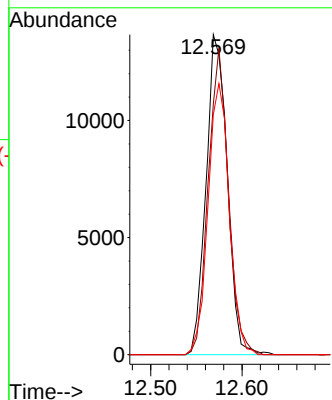
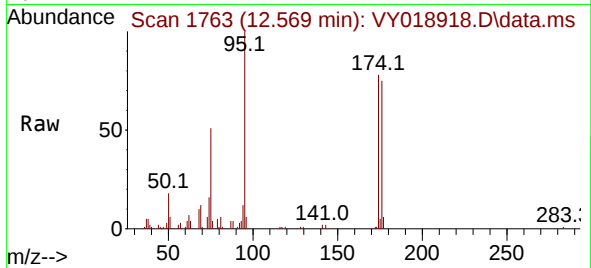




#62
4-Bromofluorobenzene
Concen: 44.955 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

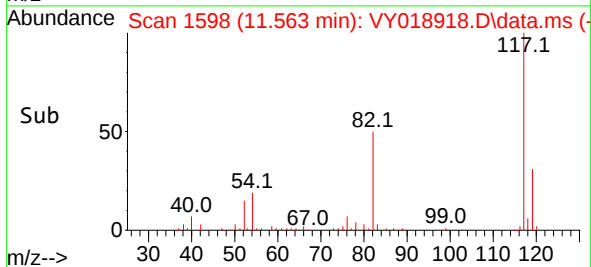
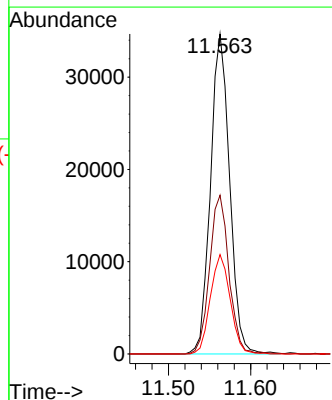
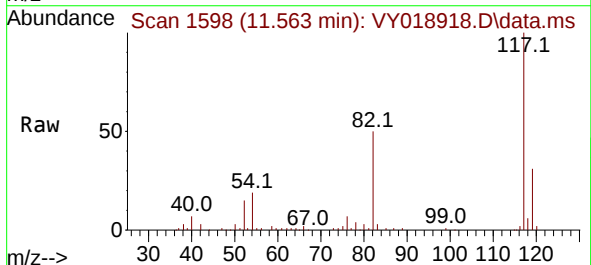
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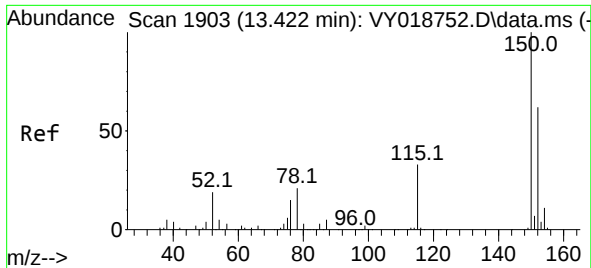
Tgt Ion: 95 Resp: 22000
Ion Ratio Lower Upper
95 100
174 91.2 0.0 175.6
176 84.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 1598
Delta R.T. 0.079 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

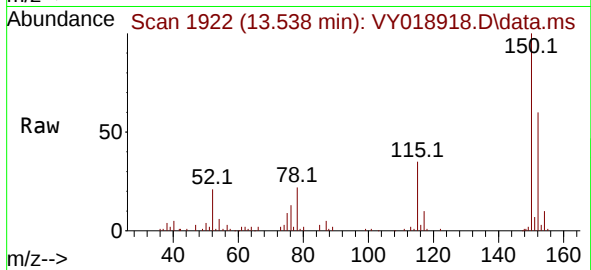
Tgt Ion: 117 Resp: 56172
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 31.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.538 min Scan# 19
 Delta R.T. 0.116 min
 Lab File: VY018918.D
 Acq: 25 Jul 2024 17:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-072324



Tgt Ion:152 Resp: 22518
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 155.0 0.0 345.6

