

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018817.D
 Acq On : 15 Jul 2024 17:00
 Operator : SY/MD
 Sample : P3207-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26899RE

Quant Time: Jul 15 17:24:14 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)

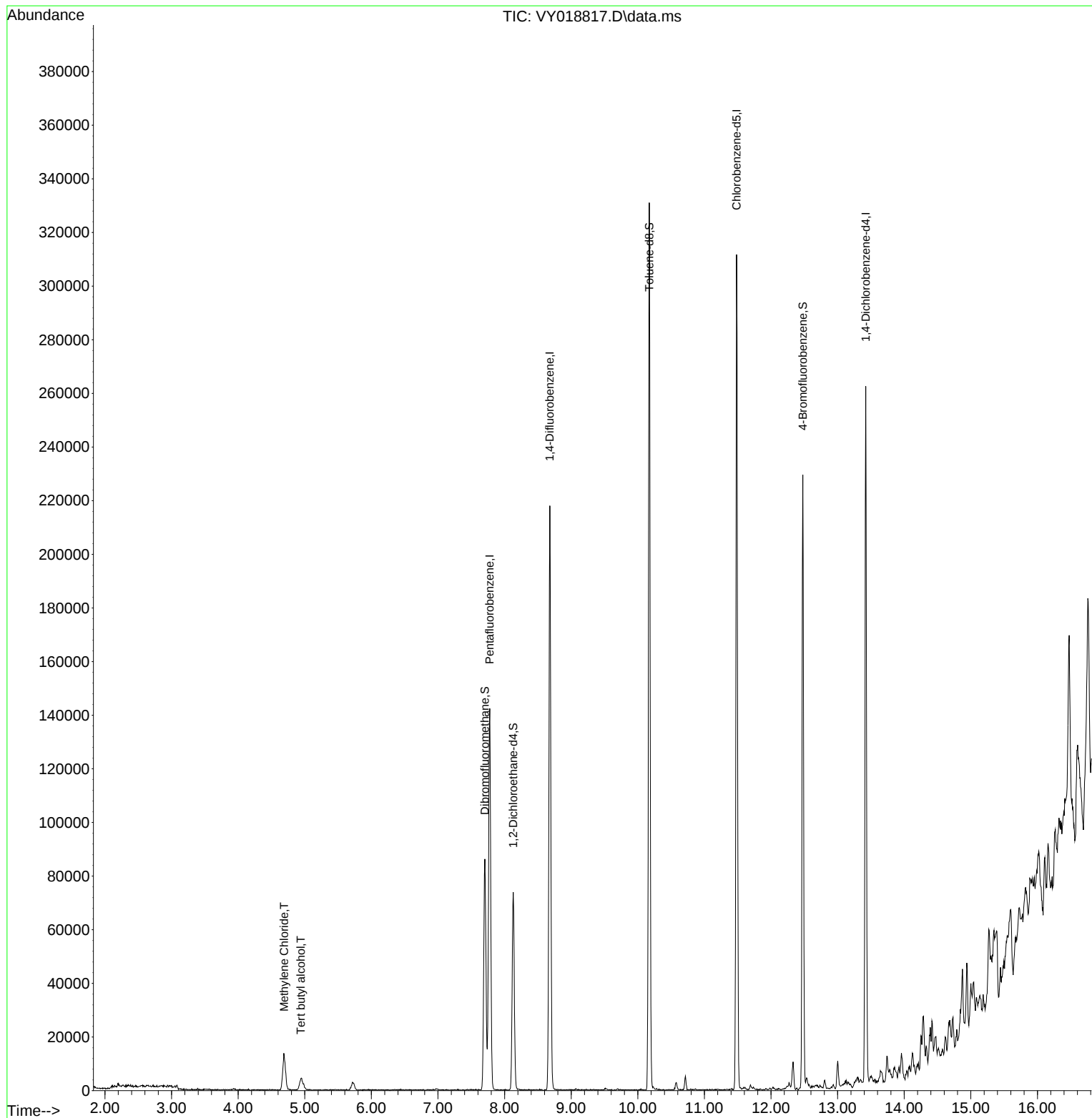
Internal Standards						
1) Pentafluorobenzene	7.777	168	110367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	186849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	166441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	56613	52.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.260%
35) Dibromofluoromethane	7.704	113	57610	49.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.173	98	208544	47.036	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.080%
62) 4-Bromofluorobenzene	12.477	95	66489	43.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.820%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	8092	73.553	ug/l	# 77
20) Methylene Chloride	4.692	84	9571	3.860	ug/l	91

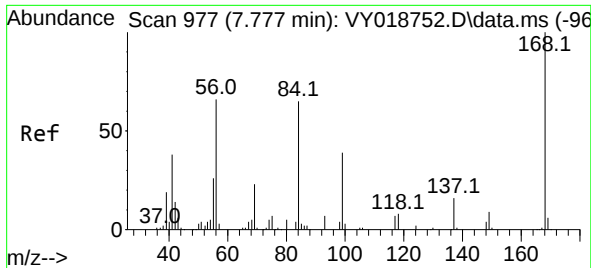
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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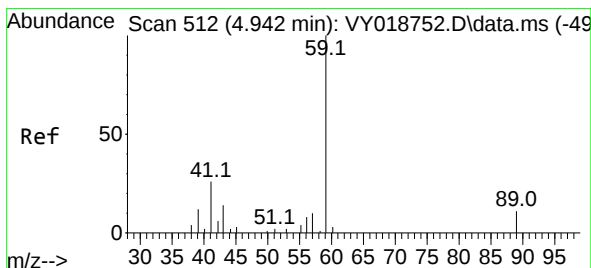
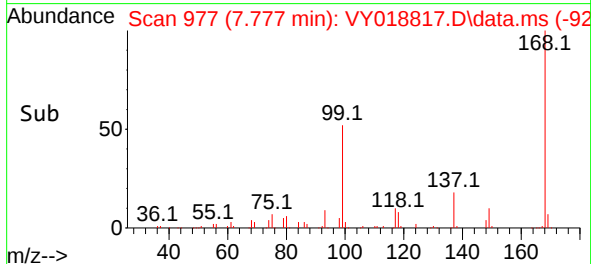
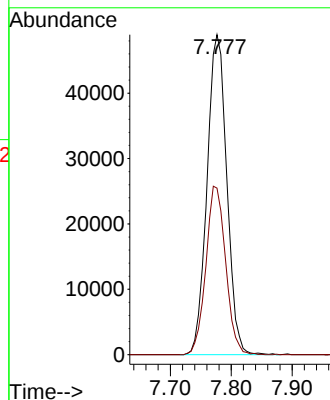
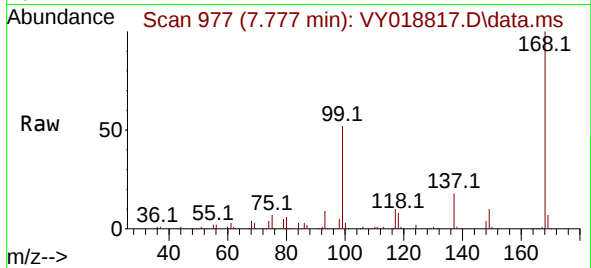




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018817.D
Acq: 15 Jul 2024 17:00

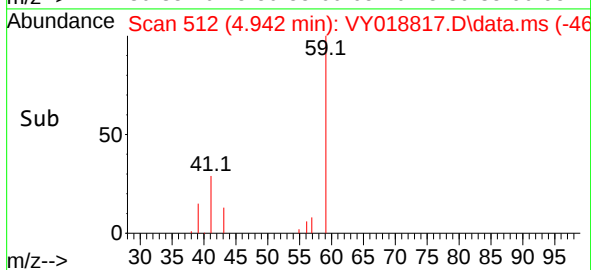
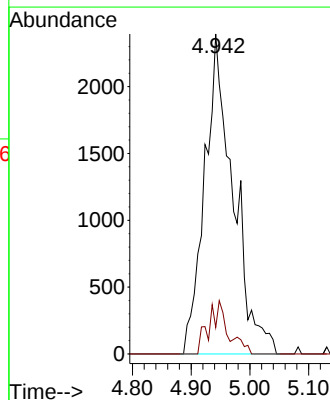
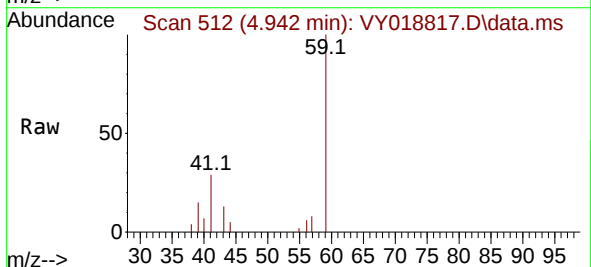
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26899RE

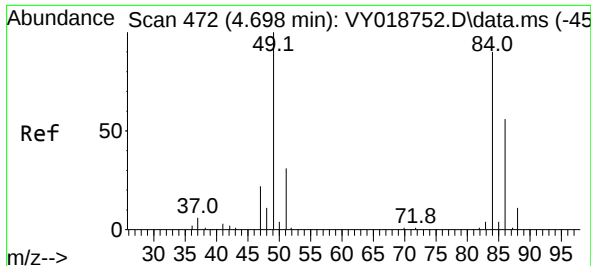
Tgt Ion:168 Resp: 110367
Ion Ratio Lower Upper
168 100
99 52.1 39.1 58.7



#11
Tert butyl alcohol
Concen: 73.553 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018817.D
Acq: 15 Jul 2024 17:00

Tgt Ion: 59 Resp: 8092
Ion Ratio Lower Upper
59 100
57 11.2 3.0 4.6#

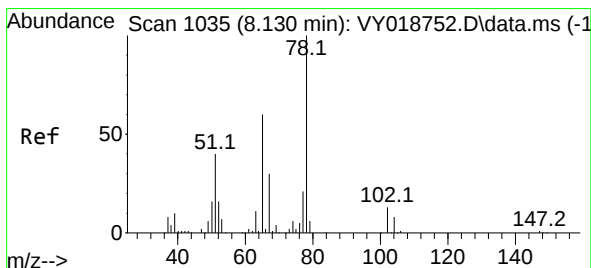
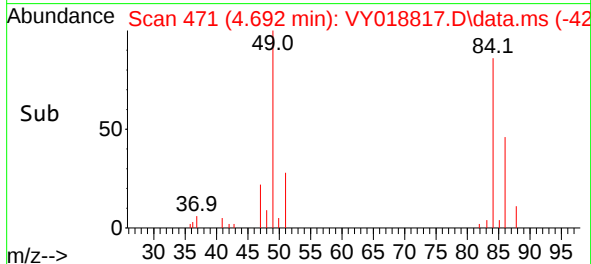
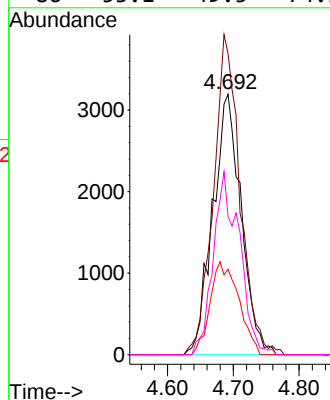
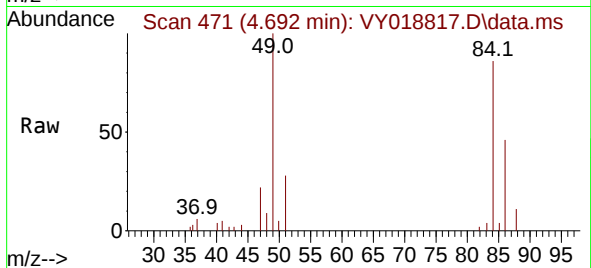




#20
Methylene Chloride
Concen: 3.860 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018817.D
Acq: 15 Jul 2024 17:00

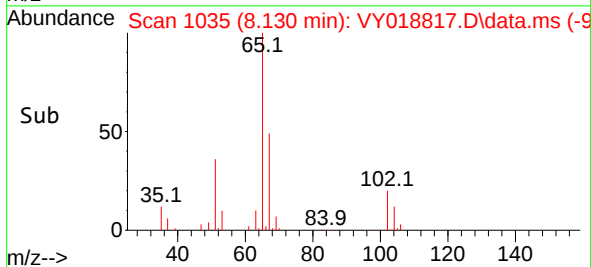
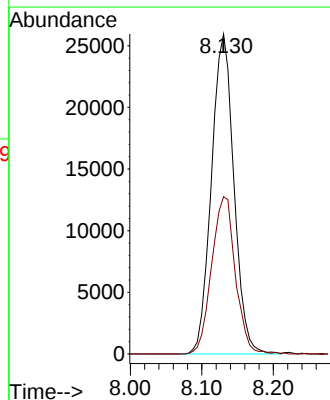
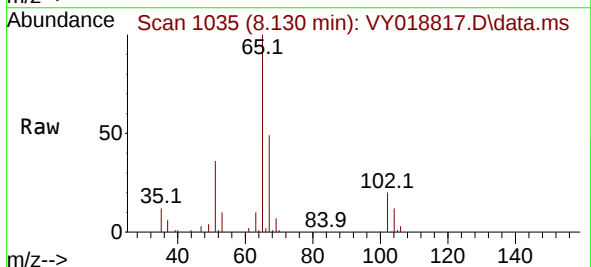
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26899RE

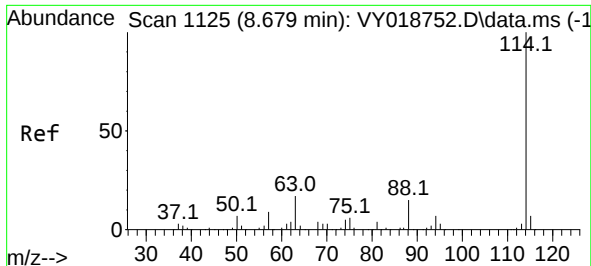
Tgt Ion: 84	Resp: 9571
Ion Ratio	Lower Upper
84 100	
49 115.7	84.4 126.6
51 32.8	26.0 39.0
86 53.1	49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 52.128 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018817.D
Acq: 15 Jul 2024 17:00

Tgt Ion: 65	Resp: 56613
Ion Ratio	Lower Upper
65 100	
67 51.7	0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018817.D

Acq: 15 Jul 2024 17:00

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26899RE

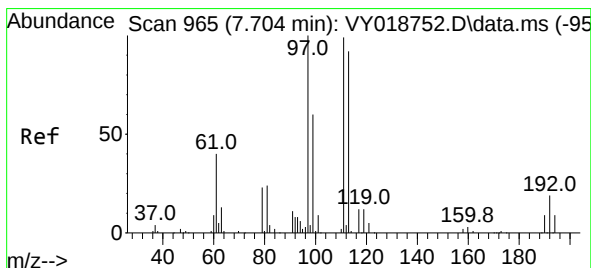
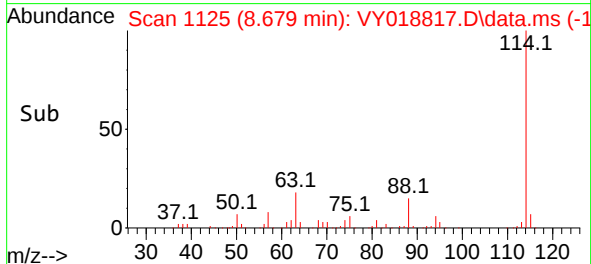
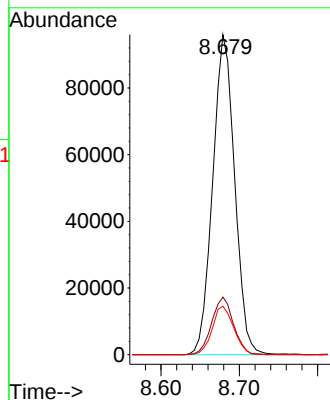
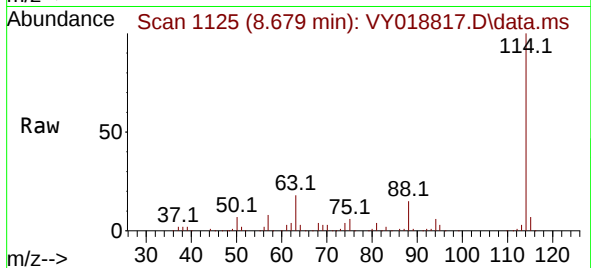
Tgt Ion:114 Resp: 186849

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.228 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018817.D

Acq: 15 Jul 2024 17:00

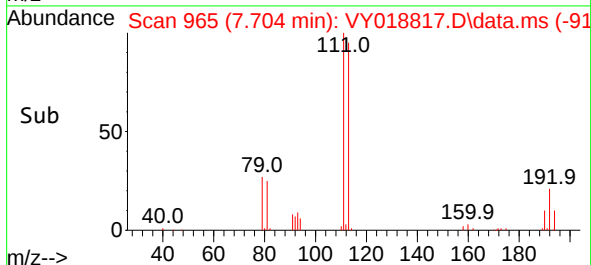
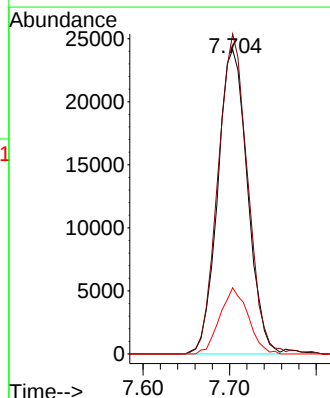
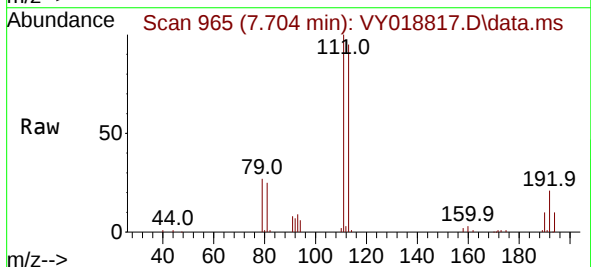
Tgt Ion:113 Resp: 57610

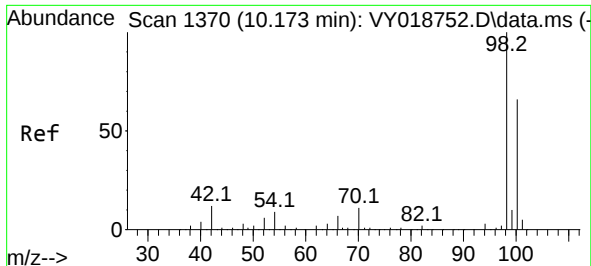
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 20.6 15.9 23.9

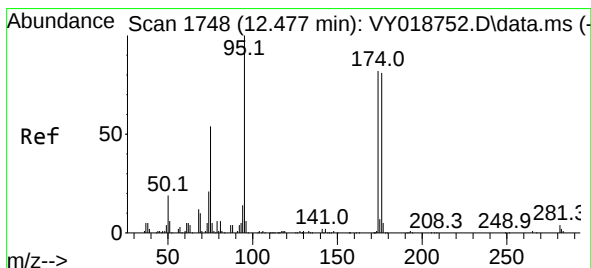
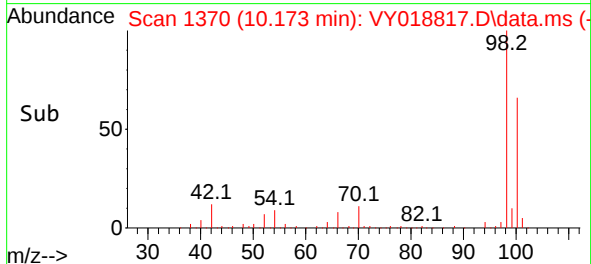
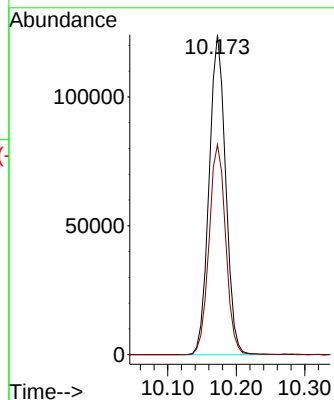
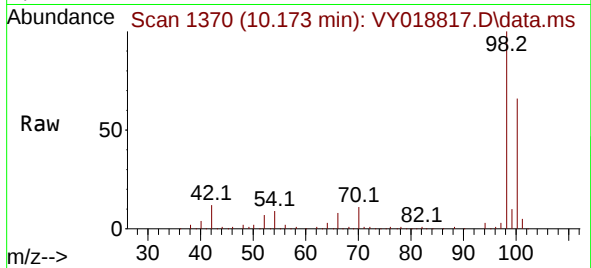




#50
Toluene-d8
Concen: 47.036 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018817.D
Acq: 15 Jul 2024 17:00

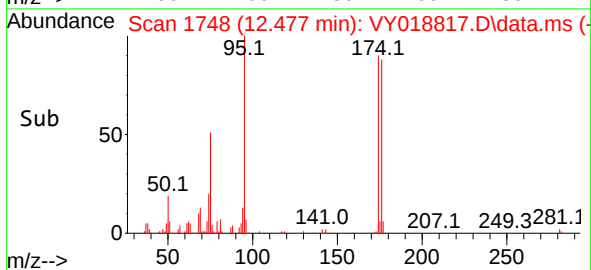
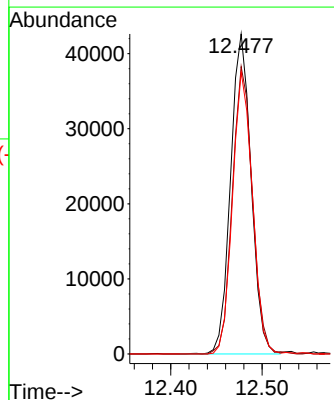
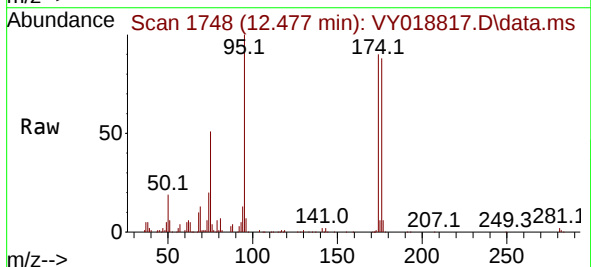
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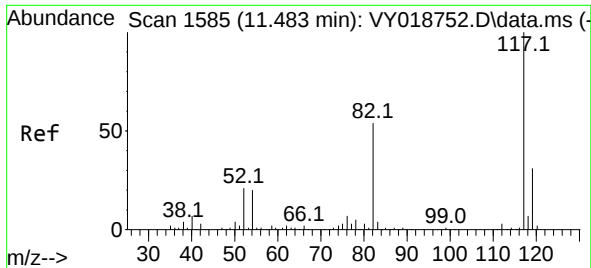
Tgt Ion: 98 Resp: 208544
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.913 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018817.D
Acq: 15 Jul 2024 17:00

Tgt Ion: 95 Resp: 66489
Ion Ratio Lower Upper
95 100
174 88.1 0.0 175.6
176 85.6 0.0 171.4

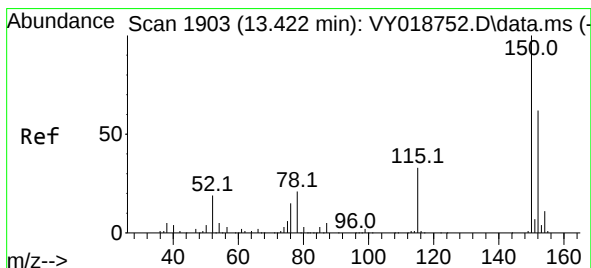
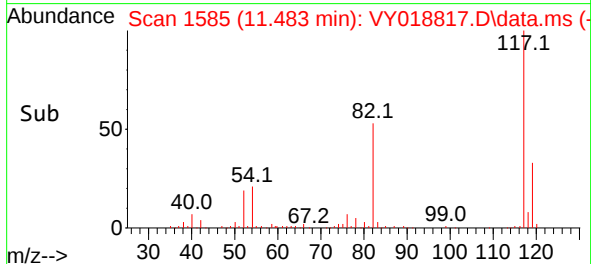
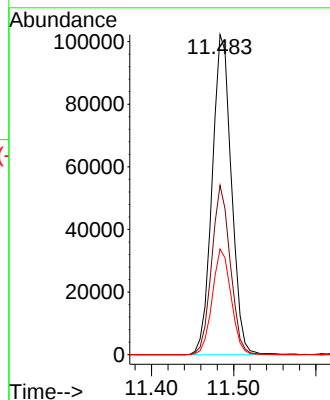
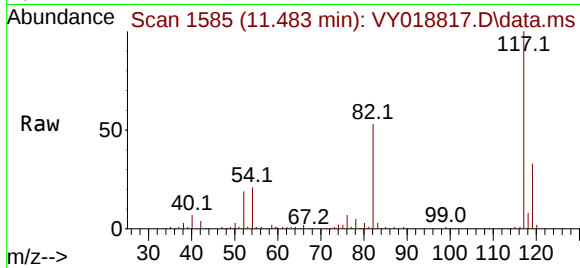




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018817.D
Acq: 15 Jul 2024 17:00

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26899RE

Tgt Ion:117 Resp: 166441
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 33.0 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: VY018817.D
Acq: 15 Jul 2024 17:00

Tgt Ion:152 Resp: 65239
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 157.8 0.0 345.6

