

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016924.D
 Acq On : 05 Jan 2024 16:34
 Operator : SY/MD
 Sample : P1050-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT24029

Quant Time: Jan 05 22:36:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

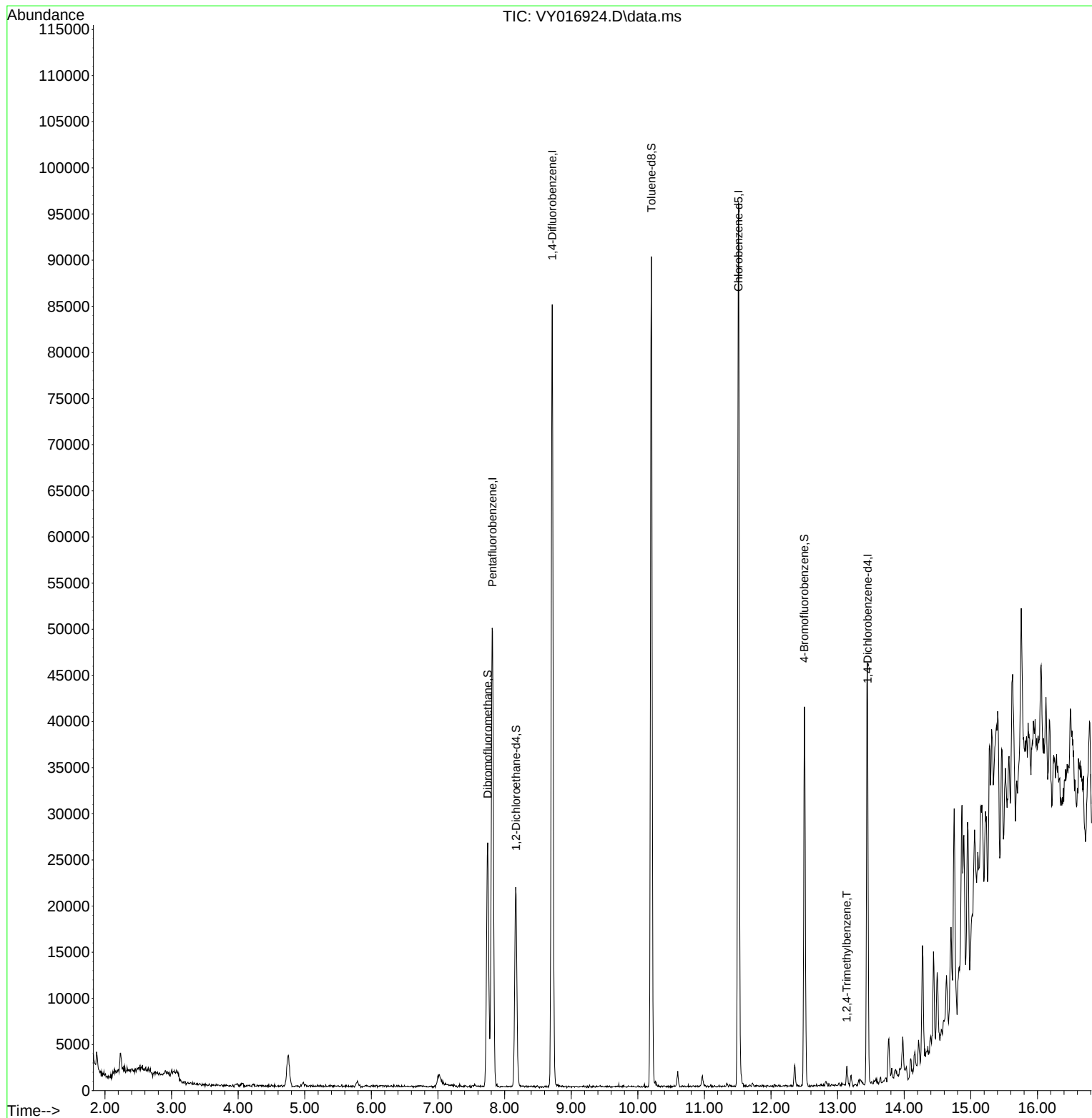
Internal Standards						
1) Pentafluorobenzene	7.819	168	37929	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	72235	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	53712	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.452	152	11817	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	17321	46.205	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.400%
35) Dibromofluoromethane	7.746	113	19643	42.674	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.340%
50) Toluene-d8	10.203	98	59495	37.534	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.060%
62) 4-Bromofluorobenzene	12.501	95	12514	23.400	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.800%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.135	105	1286	1.711	ug/l	Qvalue 87

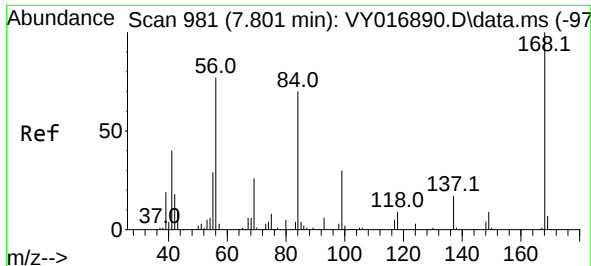
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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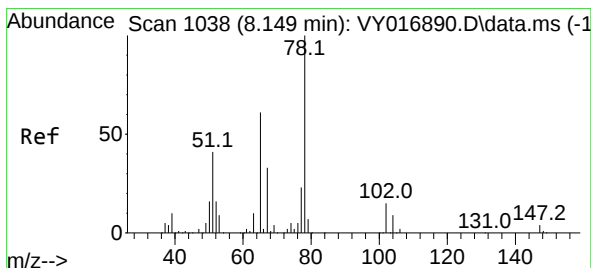
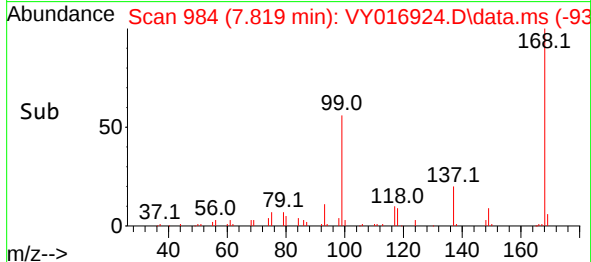
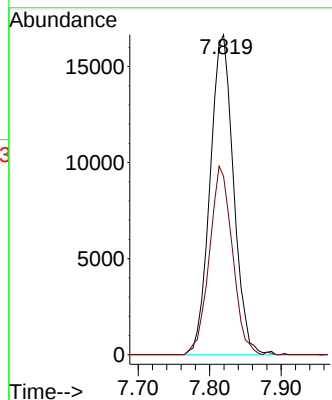
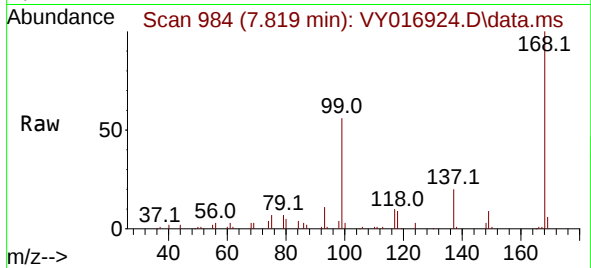




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016924.D
Acq: 05 Jan 2024 16:34

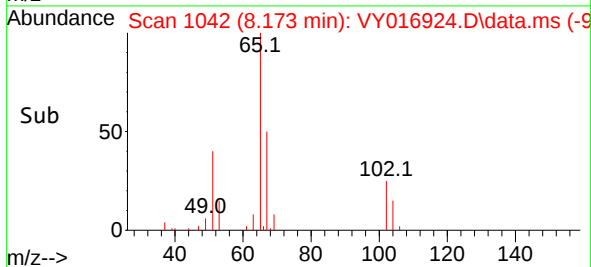
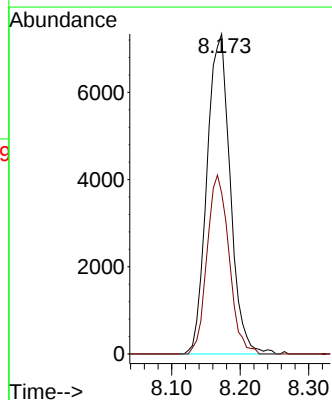
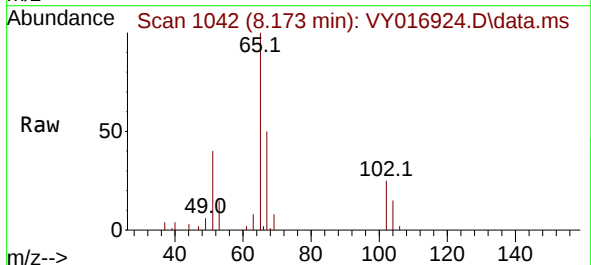
Instrument :
MSVOA_Y
ClientSampleId :
CHRT24029

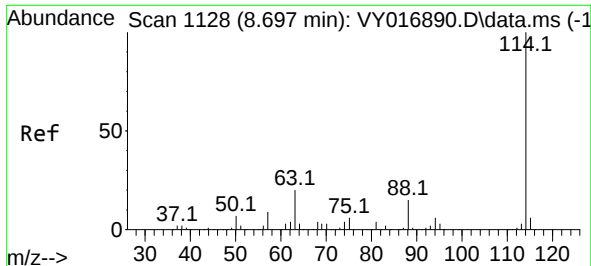
Tgt Ion:168 Resp: 37929
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.205 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016924.D
Acq: 05 Jan 2024 16:34

Tgt Ion: 65 Resp: 17321
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY016924.D

Acq: 05 Jan 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

CHRT24029

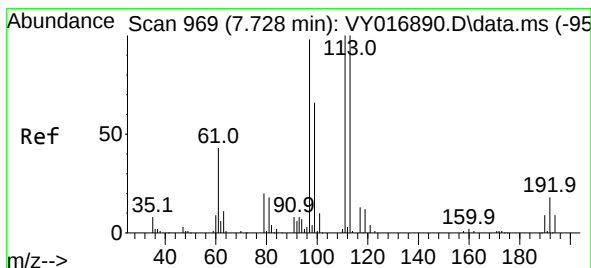
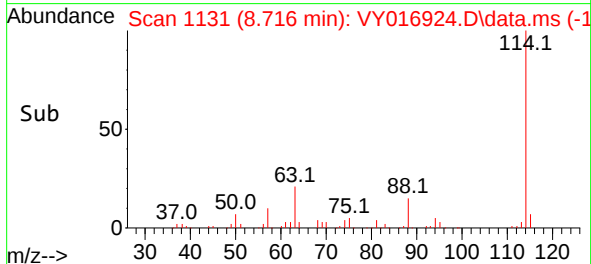
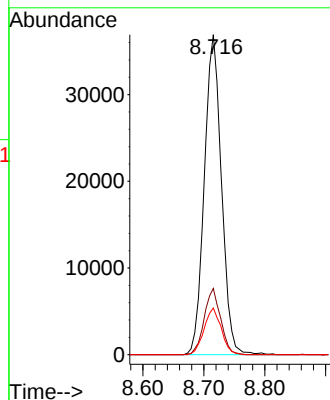
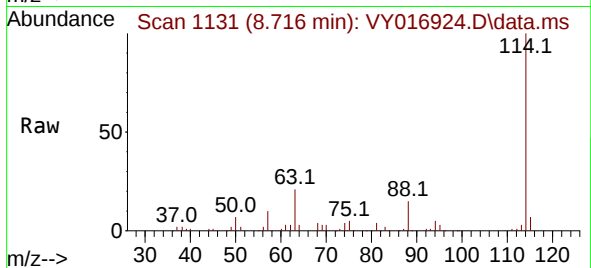
Tgt Ion:114 Resp: 72235

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 42.674 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016924.D

Acq: 05 Jan 2024 16:34

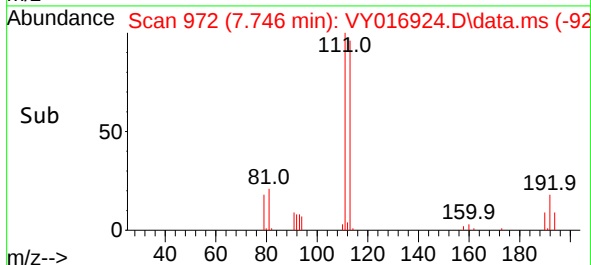
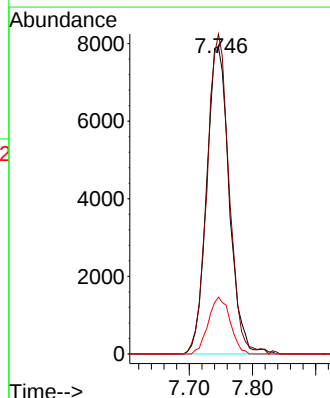
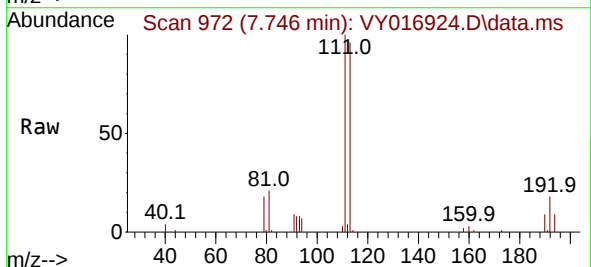
Tgt Ion:113 Resp: 19643

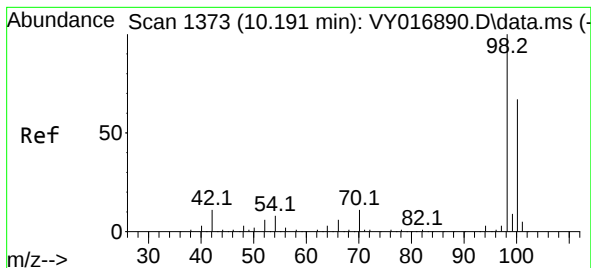
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.9 14.5 21.7





#50

Toluene-d8

Concen: 37.534 ug/l

RT: 10.203 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016924.D

Acq: 05 Jan 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

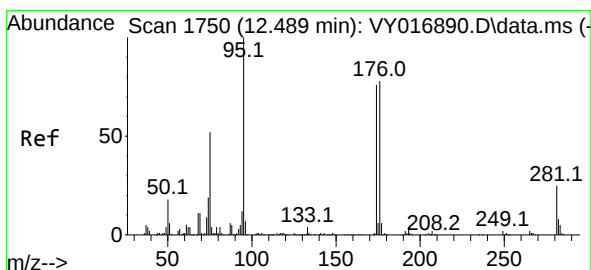
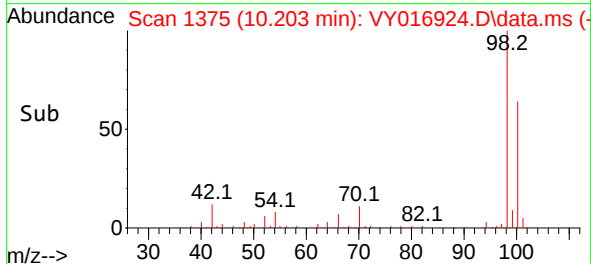
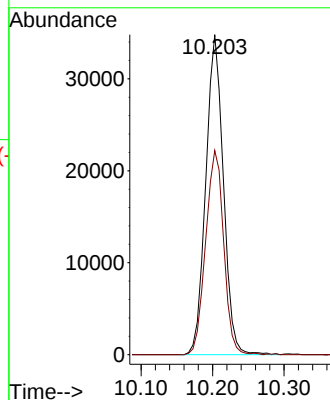
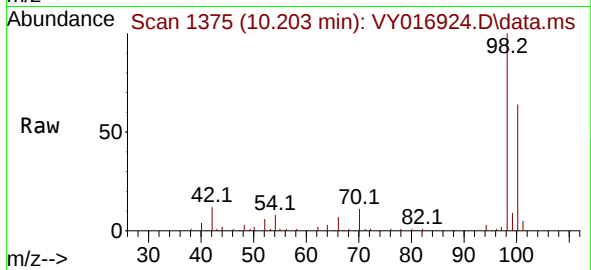
CHRT24029

Tgt Ion: 98 Resp: 59495

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 23.400 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016924.D

Acq: 05 Jan 2024 16:34

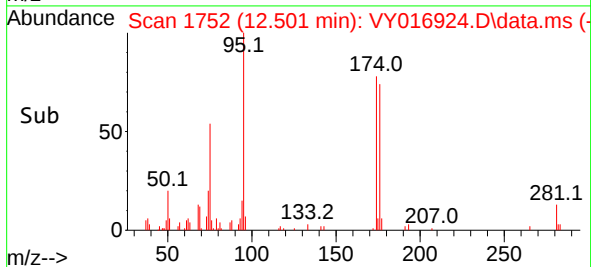
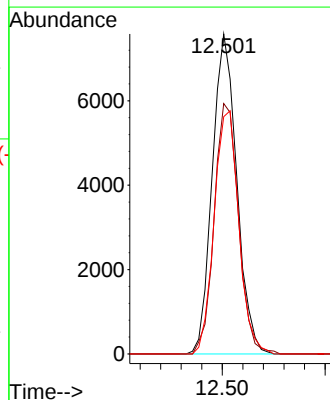
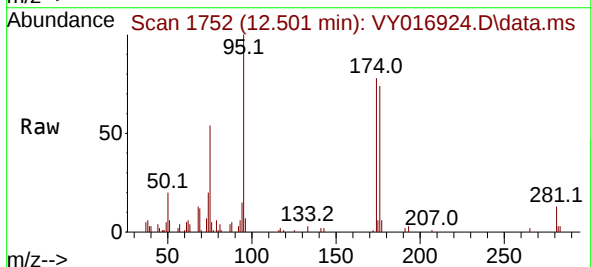
Tgt Ion: 95 Resp: 12514

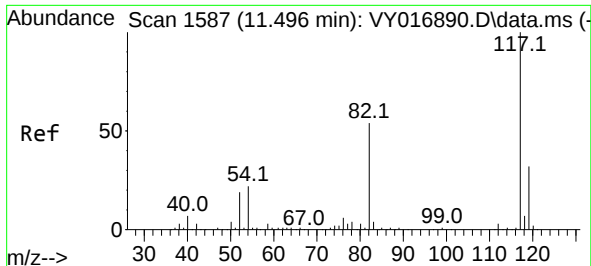
Ion Ratio Lower Upper

95 100

174 77.5 0.0 160.0

176 76.6 0.0 151.8

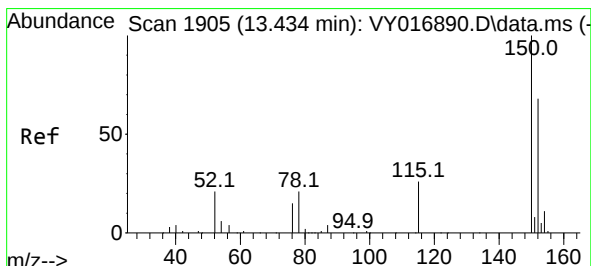
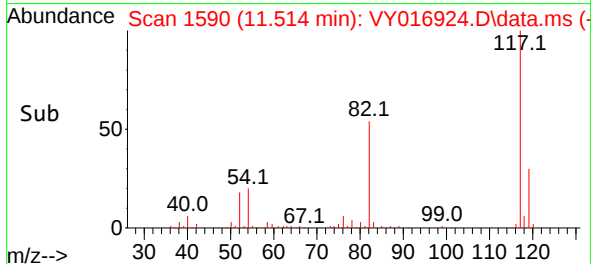
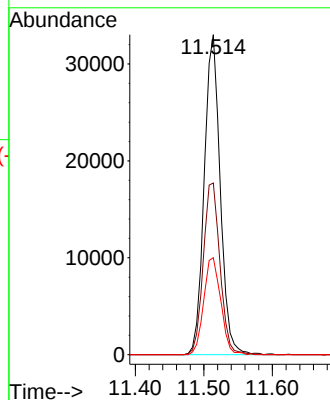
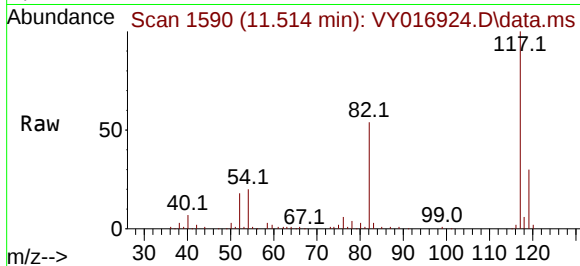




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016924.D
Acq: 05 Jan 2024 16:34

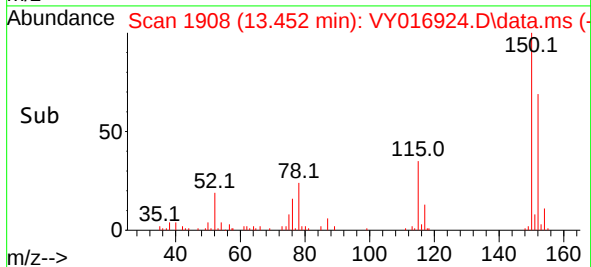
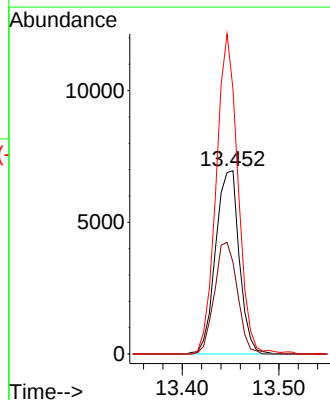
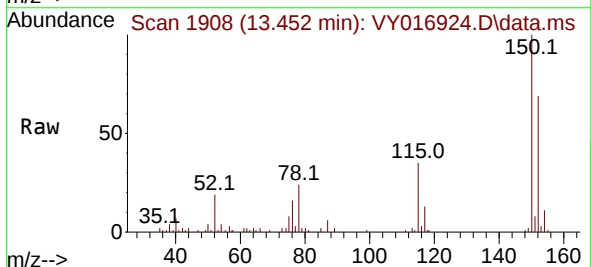
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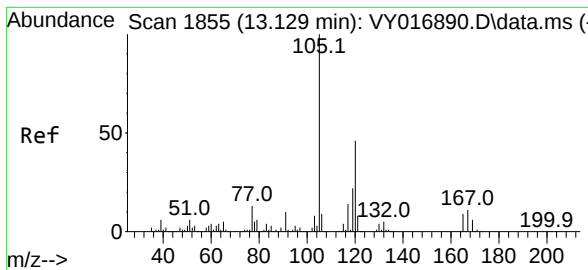
Tgt Ion:117 Resp: 53712
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 30.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.018 min
Lab File: VY016924.D
Acq: 05 Jan 2024 16:34

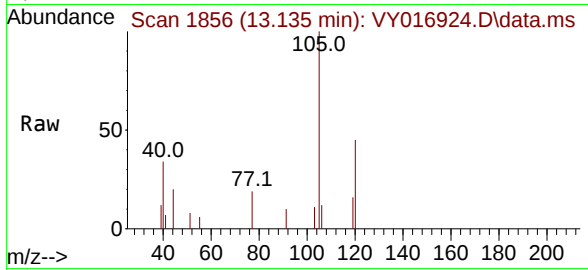
Tgt Ion:152 Resp: 11817
Ion Ratio Lower Upper
152 100
115 58.7 30.0 90.0
150 160.4 0.0 344.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.711 ug/l
 RT: 13.135 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY016924.D
 Acq: 05 Jan 2024 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT24029



Tgt Ion:105 Resp: 1286
 Ion Ratio Lower Upper
 105 100
 120 52.7 22.1 66.3

