

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020673.D
 Acq On : 20 Dec 2024 16:07
 Operator : SY/MD
 Sample : P5343-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 18:09:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

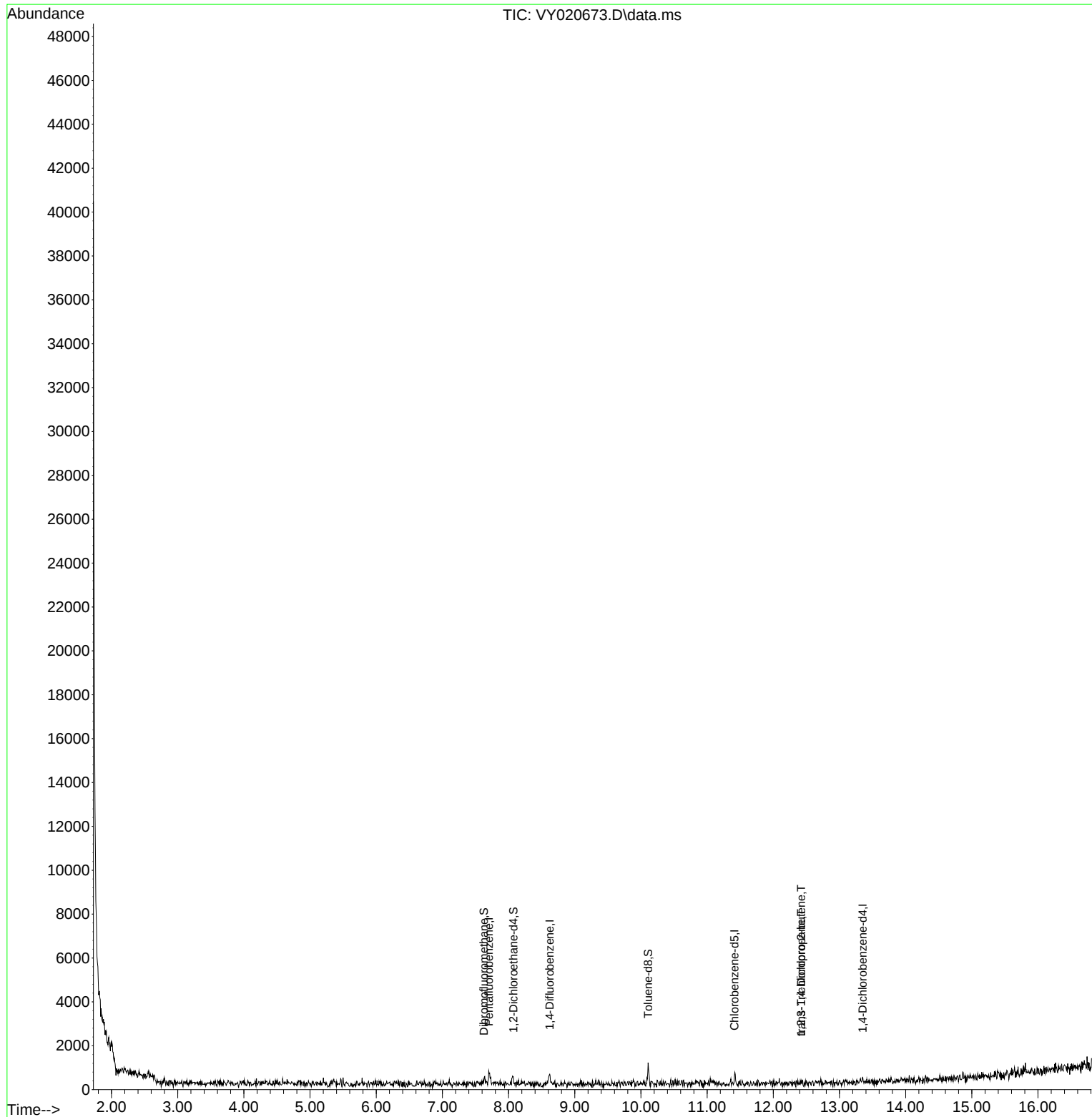
Internal Standards						
1) Pentafluorobenzene	7.701	168	608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	26	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	275	41.298	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.600%
35) Dibromofluoromethane	7.628	113	300	48.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.109	98	620	28.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	57.640%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
76) 1,2,3-Trichloropropane	12.419	75	26	96.264	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.419	75	26	202.063	ug/l	# 12

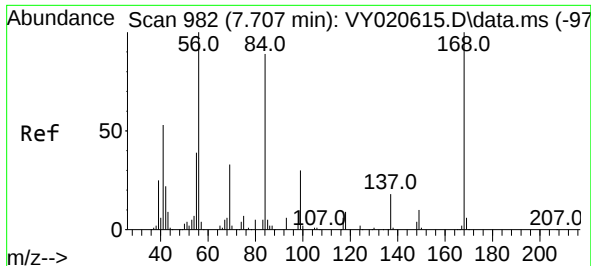
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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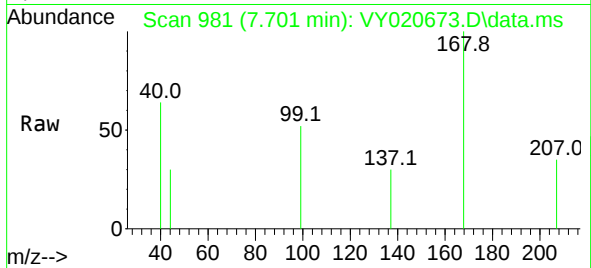
Quant Time: Dec 20 18:09:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
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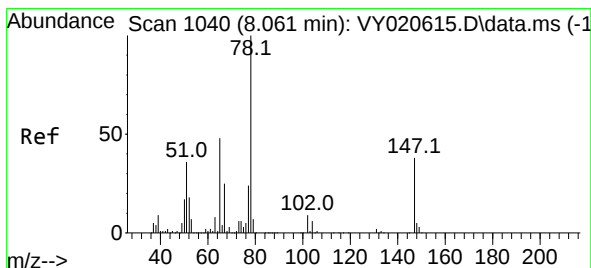
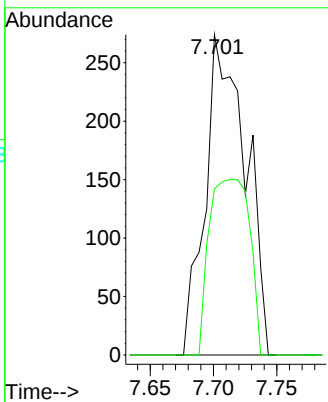
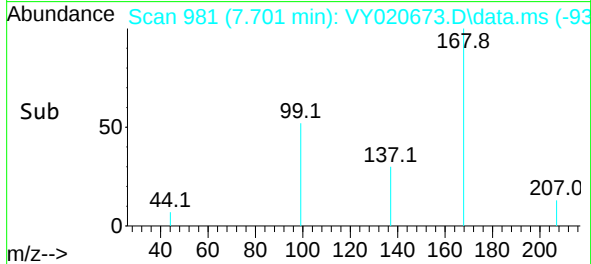


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Instrument :
MSVOA_Y
ClientSampleId :

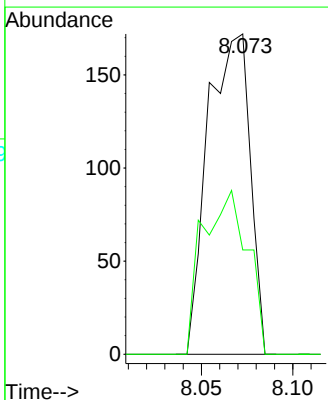
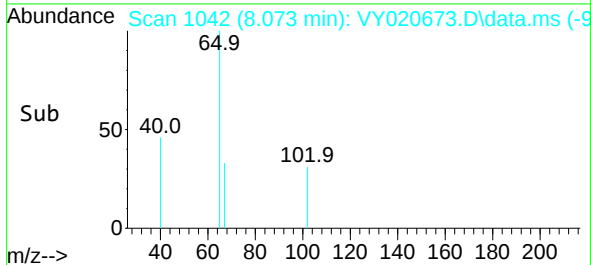
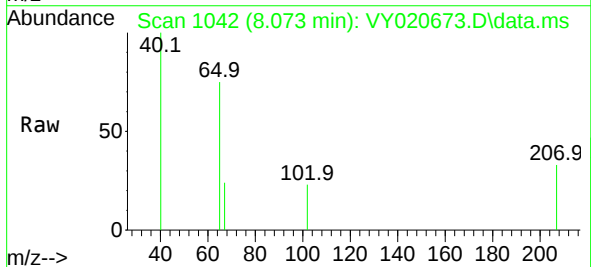


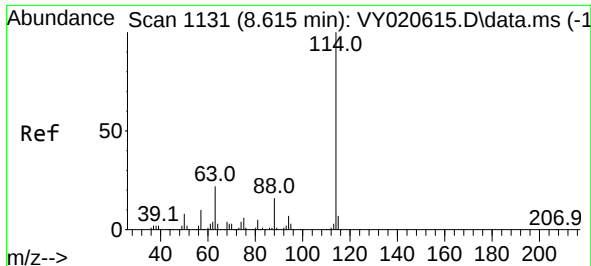
Tgt Ion:168 Resp: 608
Ion Ratio Lower Upper
168 100
99 51.8 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 41.298 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Tgt Ion: 65 Resp: 275
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1131

Delta R.T. 0.006 min

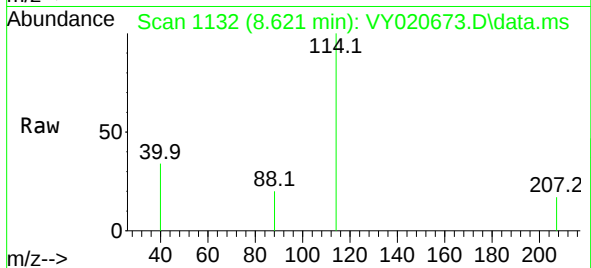
Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

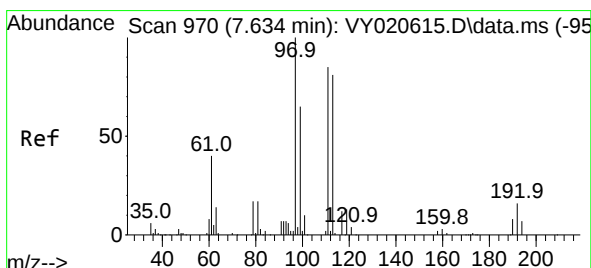
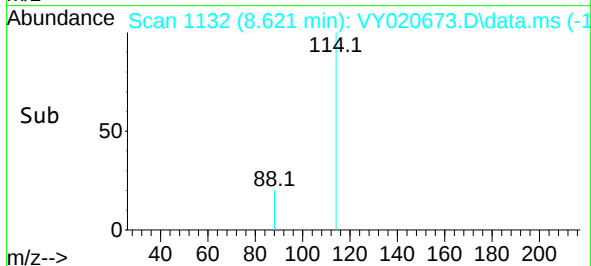
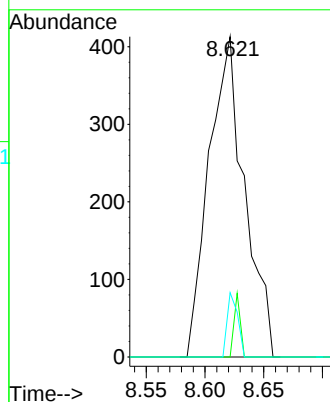
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:114	Resp:	872
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 44.0
88	20.1	0.0 32.8



#35

Dibromofluoromethane

Concen: 48.815 ug/l

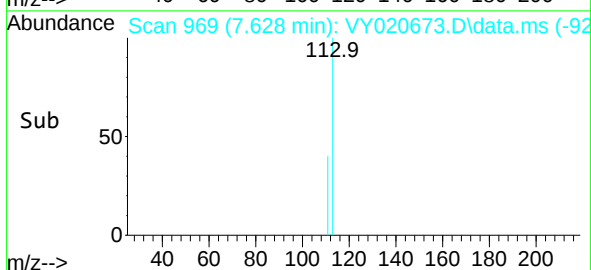
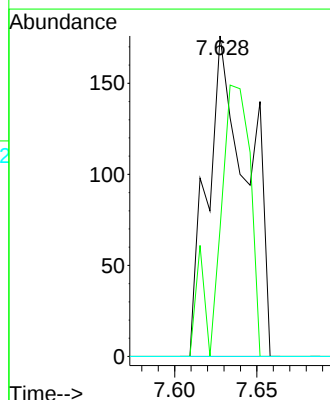
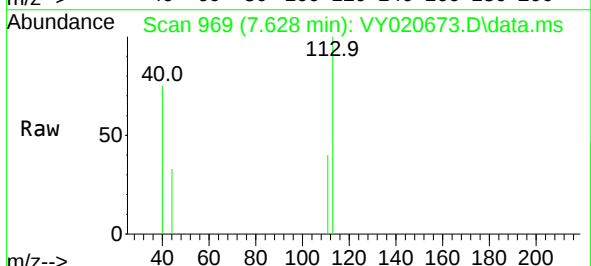
RT: 7.628 min Scan# 969

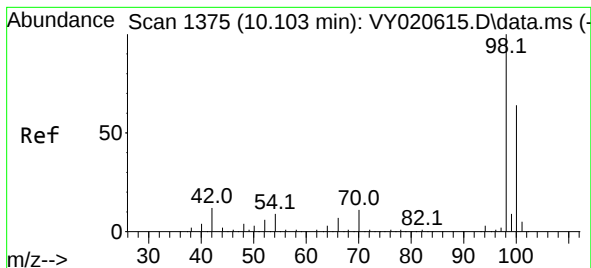
Delta R.T. -0.006 min

Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

Tgt Ion:113	Resp:	300
Ion	Ratio	Lower Upper
113	100	
111	65.7	82.9 124.3#
192	0.0	15.7 23.5#





#50

Toluene-d8

Concen: 28.823 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

Instrument :

MSVOA_Y

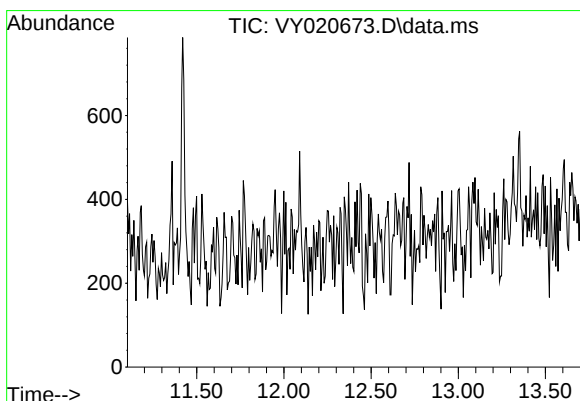
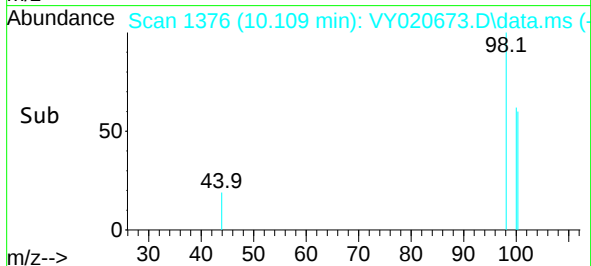
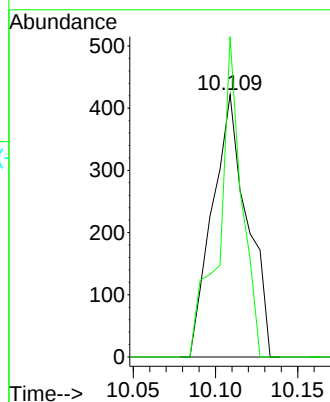
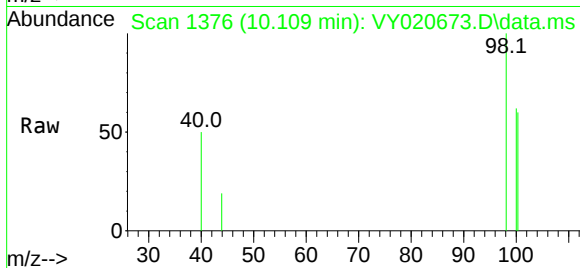
ClientSampleId :

Tgt Ion: 98 Resp: 620

Ion Ratio Lower Upper

98 100

100 79.2 52.1 78.1#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

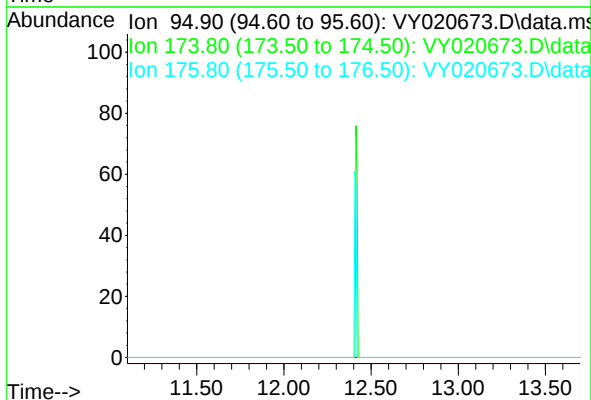
Tgt Ion: 95

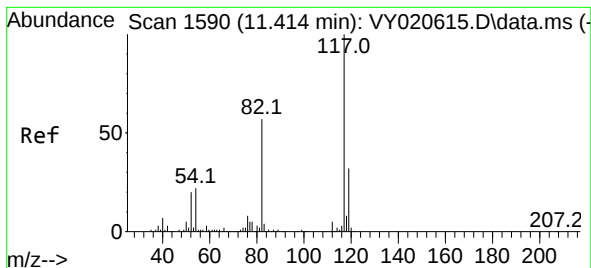
Sig Exp Ratio

95 100

174 80.9

176 78.3





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. -0.000 min

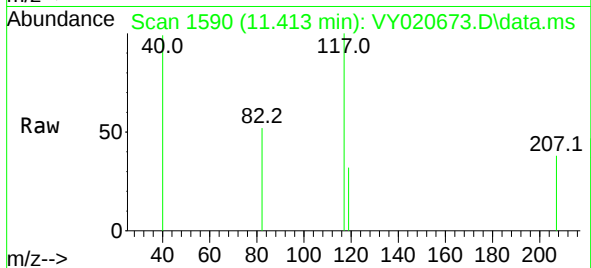
Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

Instrument :

MSVOA_Y

ClientSampleId :



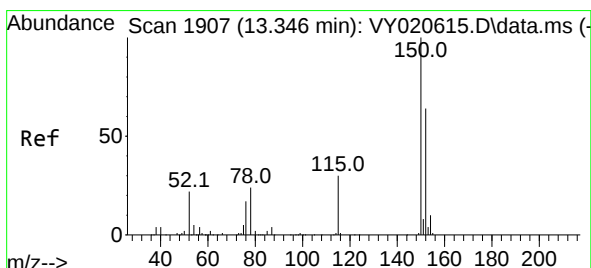
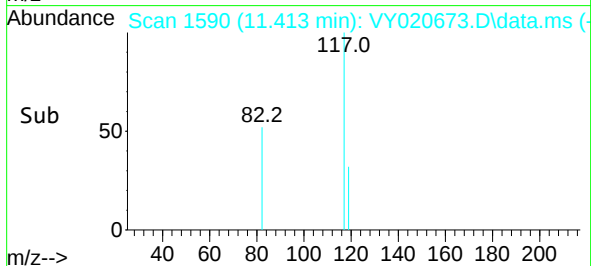
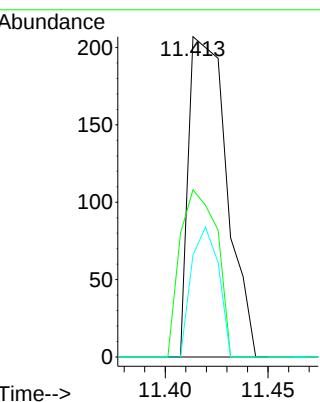
Tgt Ion:117 Resp: 267

Ion Ratio Lower Upper

117 100

82 52.2 45.8 68.6

119 31.9 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

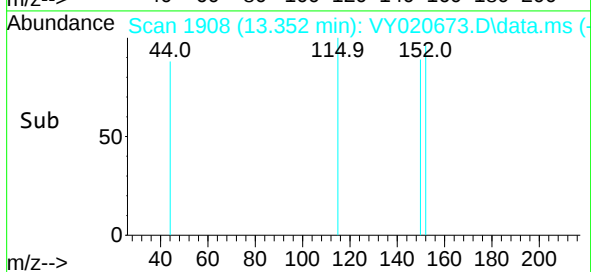
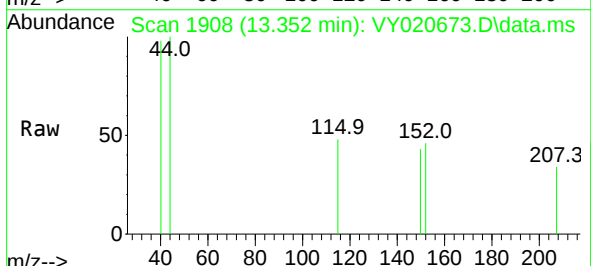
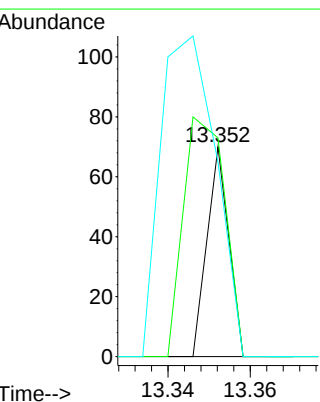
Tgt Ion:152 Resp: 26

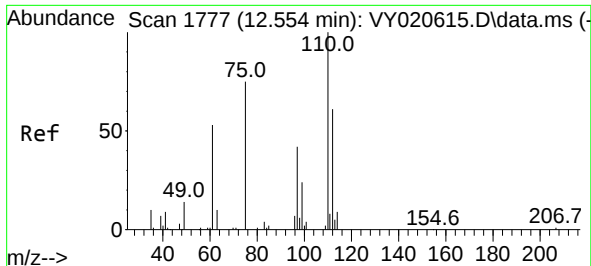
Ion Ratio Lower Upper

152 100

115 215.4 30.2 90.6#

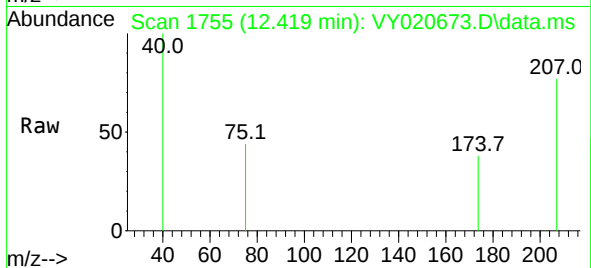
150 384.6 0.0 355.4#



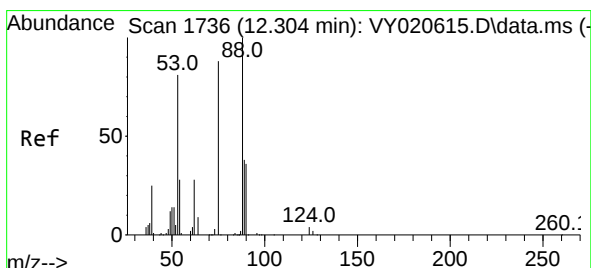
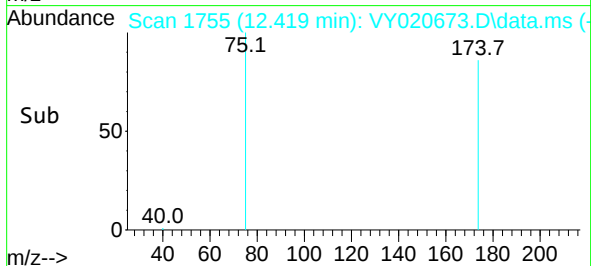
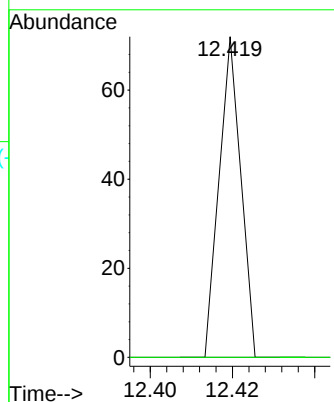


#76
1,2,3-Trichloropropane
Concen: 96.264 ug/l
RT: 12.419 min Scan# 1755
Delta R.T. -0.134 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 202.063 ug/l
RT: 12.419 min Scan# 1755
Delta R.T. 0.116 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 37.0 55.4#

