

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082420\
 Data File : VV018084.D
 Acq On : 24 Aug 2020 13:09
 Operator : SY/MD
 Sample : L3789-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 01:12:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284538	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	278607	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136348	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101360	46.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.38%
7) Chloroethane-d5	1.58	69	86346	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.22%
11) 1,1-Dichloroethene-d2	2.12	63	152267	36.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.34%
21) 2-Butanone-d5	3.90	46	121676	85.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.57%
24) Chloroform-d	4.37	84	178523	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
26) 1,2-Dichloroethane-d4	5.05	65	121253	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
32) Benzene-d6	5.07	84	367899	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.09	67	118137	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.12%
41) Toluene-d8	7.33	98	324191	46.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.90%
43) trans-1,3-Dichloropropene-	7.64	79	54682	48.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.06%
47) 2-Hexanone-d5	8.11	63	62985	78.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140413	42.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	135630	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

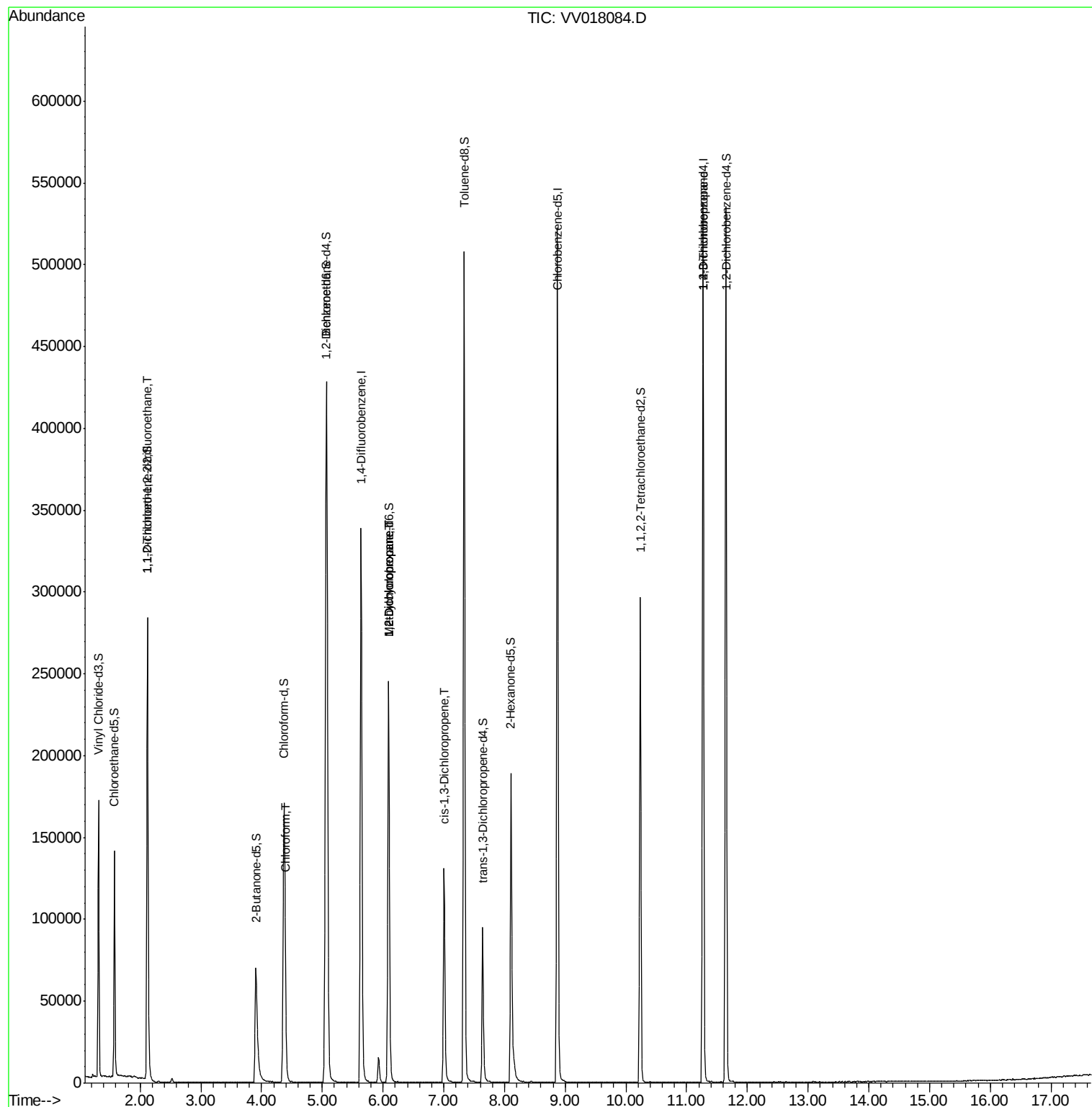
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1332	0.661 ug/L #	20
25) Chloroform	4.40	83	5377	1.336 ug/L	98
35) Methylcyclohexane	6.09	83	28244	8.337 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	13242	5.633 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3096	0.929 ug/L #	60
59) 1,2,3-Trichloropropane	11.27	75	15790	5.439 ug/L	94

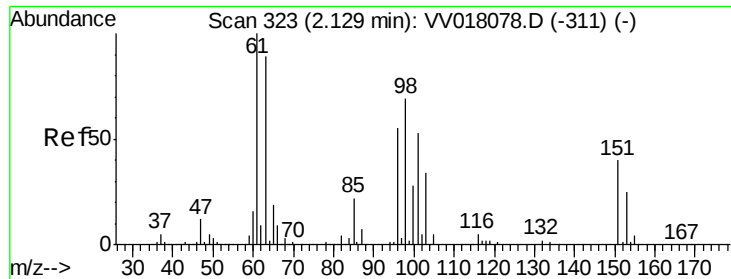
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 25 01:10:53 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.661 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018084.D

Acq: 24 Aug 2020 13:09

Instrument :

MSVOA_V

ClientSampled :

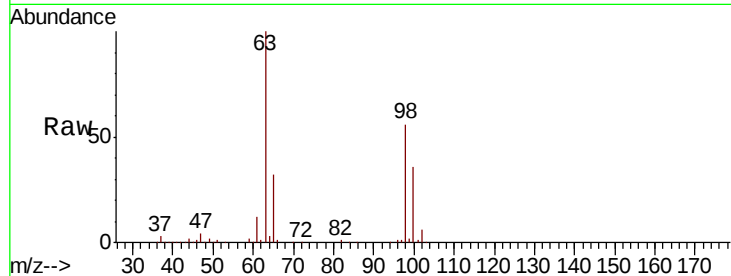
Tot Ion:101 Resp: 1332

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

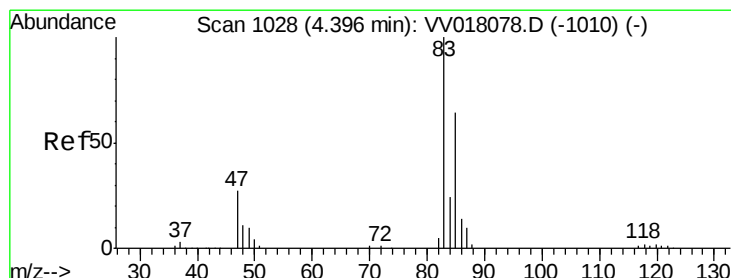
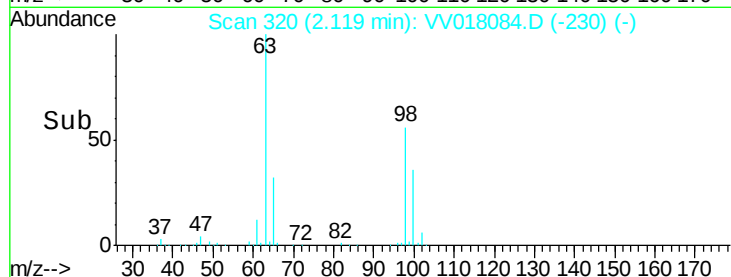
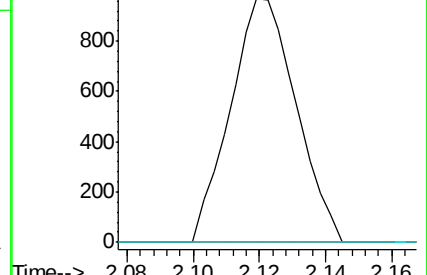
151 0.0 59.1 88.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.336 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV018084.D

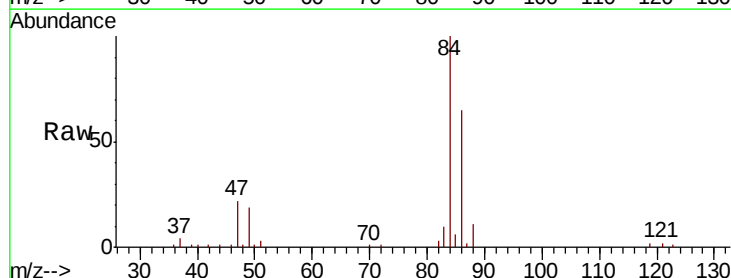
Acq: 24 Aug 2020 13:09

Tgt Ion: 83 Resp: 5377

Ion Ratio Lower Upper

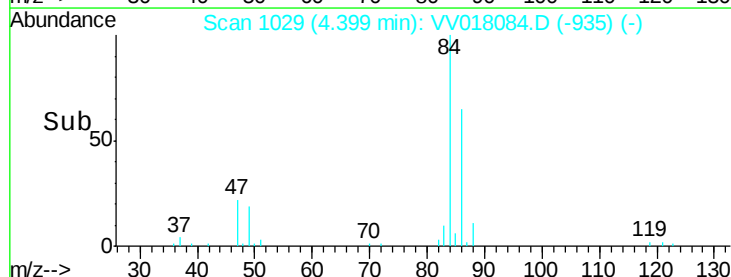
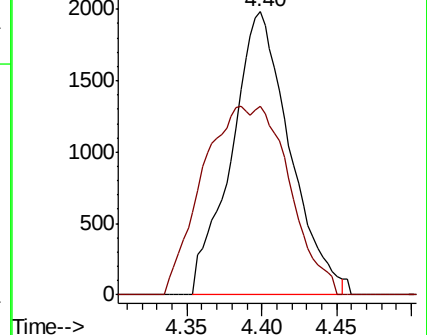
83 100

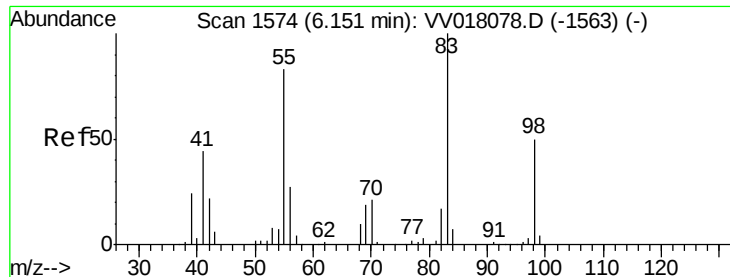
85 66.5 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

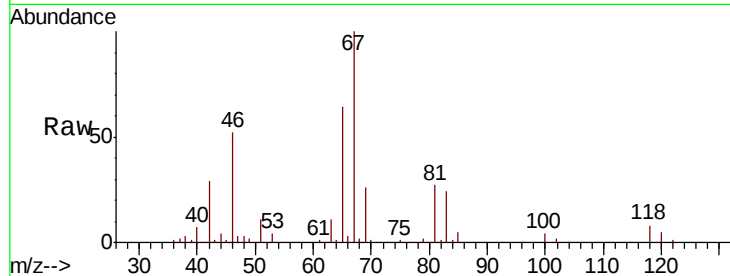




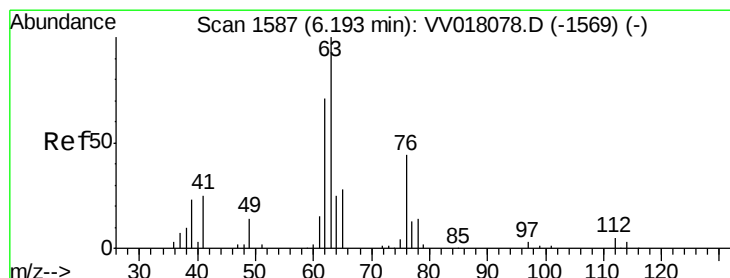
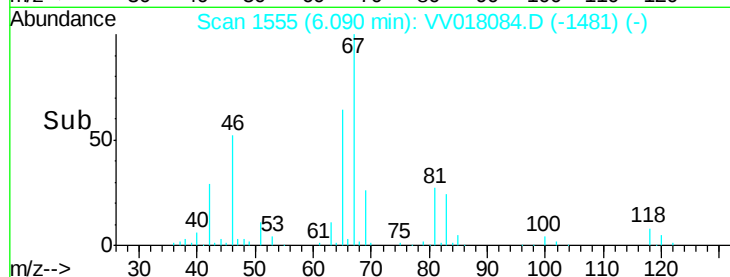
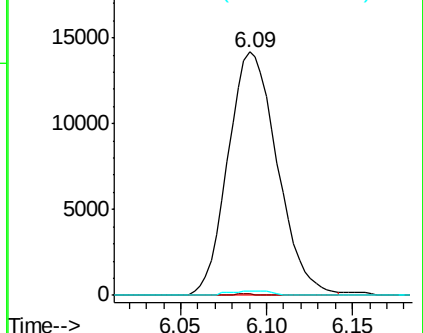
#35
Methvlcvclohexane
Concen: 8.337 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018084.D
Acq: 24 Aug 2020 13:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 28244
Ion Ratio Lower Upper
83 100
55 0.2 64.9 97.3#
98 1.5 38.7 58.1#

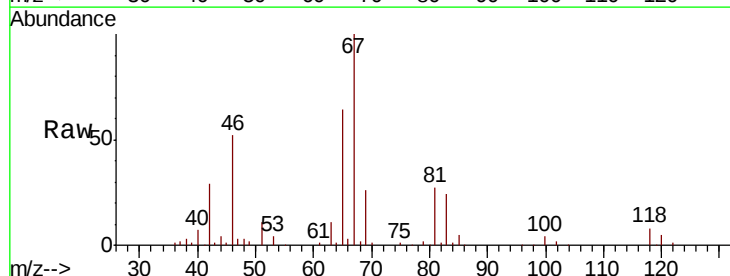


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

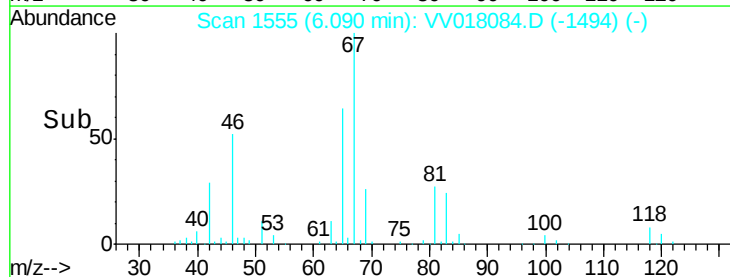
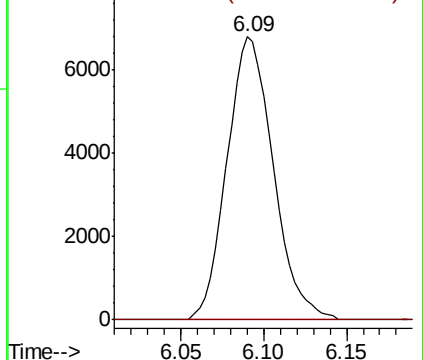


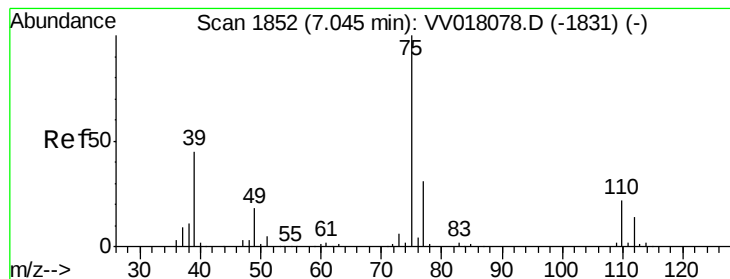
#37
1,2-Dichloropropane
Concen: 5.633 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV018084.D
Acq: 24 Aug 2020 13:09

Tgt Ion: 63 Resp: 13242
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V



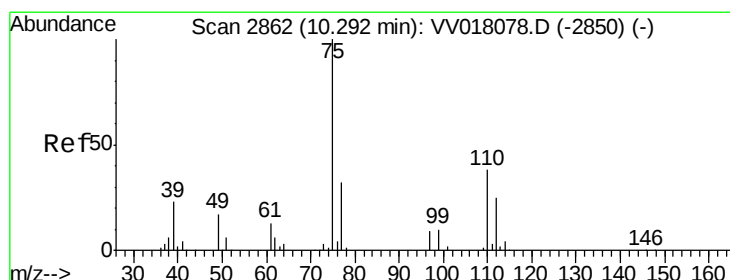
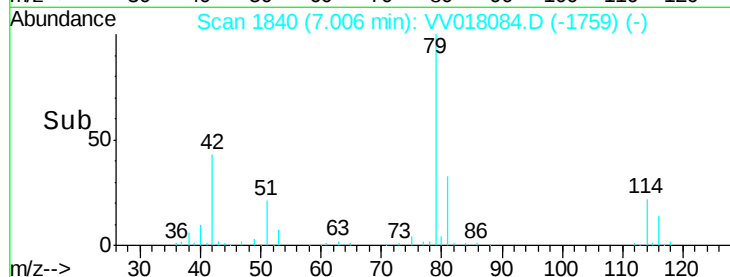
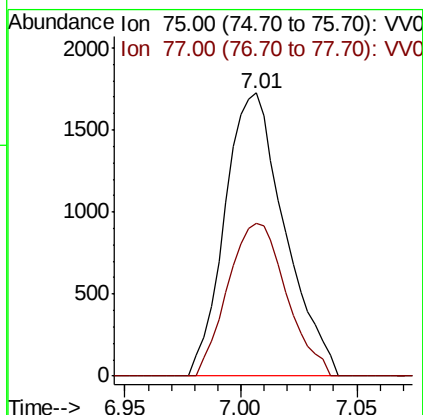
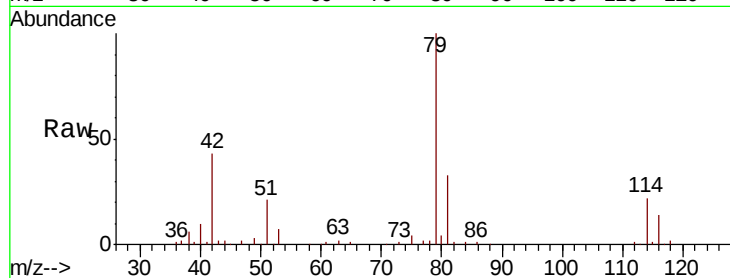


#39

cis-1,3-Dichloropropene
 Concen: 0.929 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018084.D
 Acq: 24 Aug 2020 13:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 3096
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.3 41.5#



#59

1,2,3-Trichloropropane
 Concen: 5.439 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018084.D
 Acq: 24 Aug 2020 13:09

Tgt Ion: 75 Resp: 15790
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.7 38.5

