

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\
 Data File : VV014697.D
 Acq On : 24 Feb 2020 14:20
 Operator : SY/MD
 Sample : L1607-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP8

Quant Time: Feb 25 06:40:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 06:37:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	209158	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	200116	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	94596	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23604	28.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.80%#
7) Chloroethane-d5	1.59	69	21981	37.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.26%
11) 1,1-Dichloroethene-d2	2.13	63	43097	28.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.60%#
21) 2-Butanone-d5	3.95	46	70080	92.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.29%
24) Chloroform-d	4.40	84	112596	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	81321	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
32) Benzene-d6	5.10	84	215933	40.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.54%
36) 1,2-Dichloropropane-d6	6.12	67	65547	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.88%
41) Toluene-d8	7.36	98	201607	39.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.04%#
43) trans-1,3-Dichloropropene-	7.66	79	36239	41.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.78%
47) 2-Hexanone-d5	8.14	63	54833	88.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.58%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	95883	44.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.62%
64) 1,2-Dichlorobenzene-d4	11.67	152	86027	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%

Target Compounds

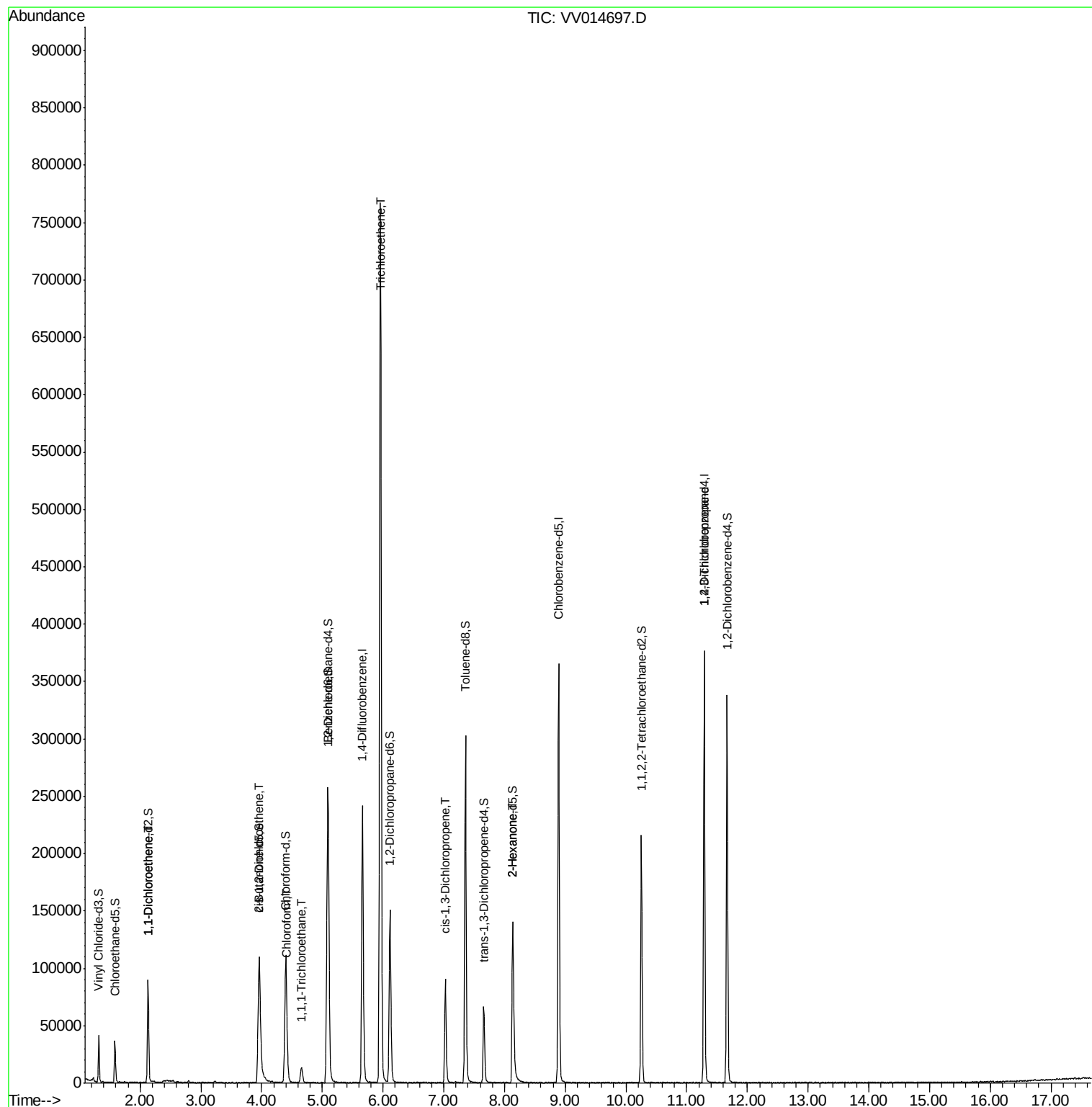
					Ovalue
12) 1,1-Dichloroethene	2.14	96	2087	3.273 ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	46769	32.568 ug/L	98
25) Chloroform	4.42	83	5588	2.156 ug/L	84
30) 1,1,1-Trichloroethane	4.66	97	10697	4.597 ug/L	97
34) Trichloroethene	5.96	95	264267	175.906 ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	2523	1.119 ug/L #	59
48) 2-Hexanone	8.13	43	6418	5.233 ug/L #	83
59) 1,2,3-Trichloropropane	11.29	75	9994	5.852 ug/L #	80

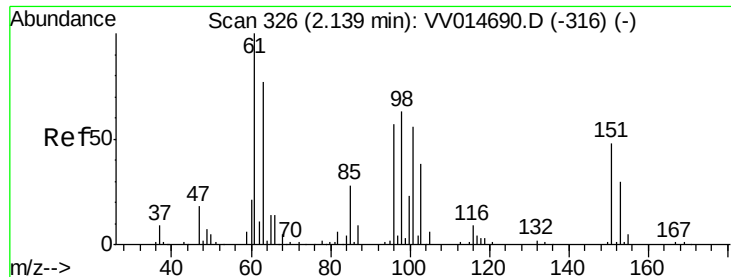
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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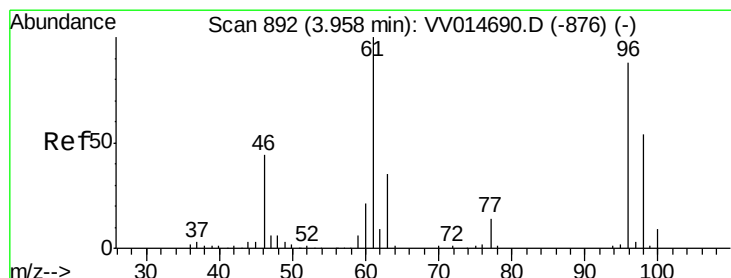
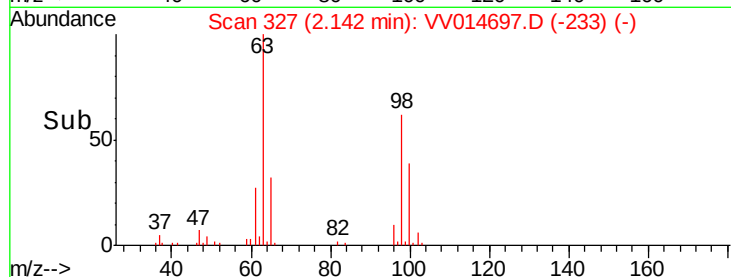
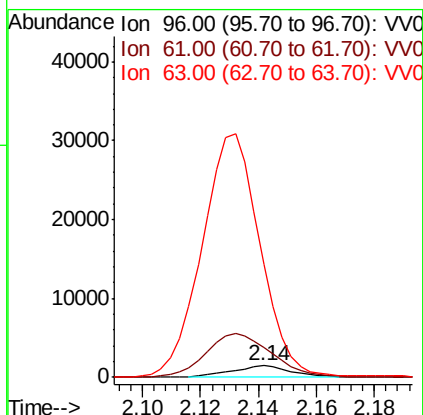
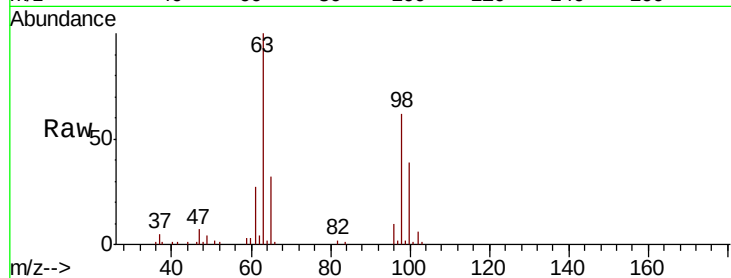




#12
 1,1-Dichloroethene
 Concen: 3.273 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VV014697.D
 Acq: 24 Feb 2020 14:20

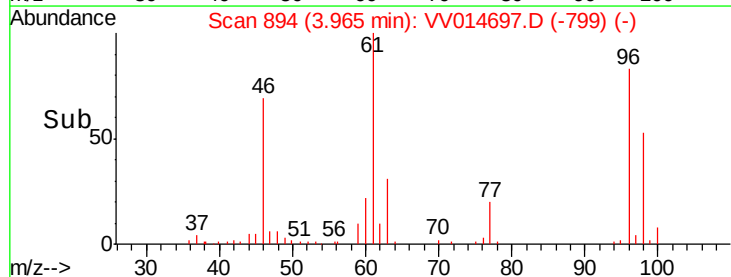
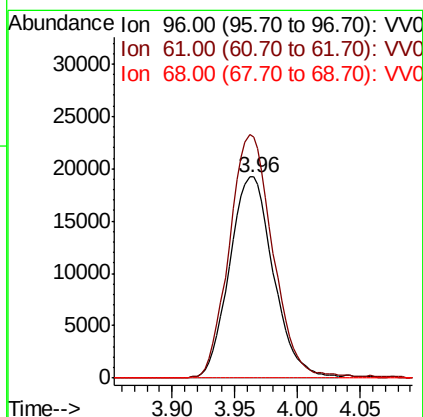
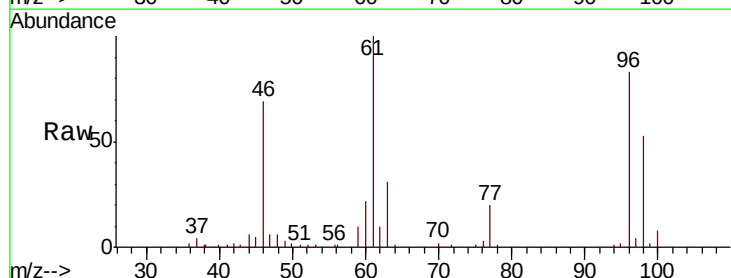
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 C0AP8

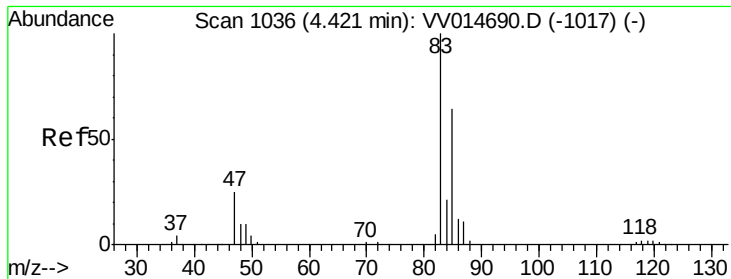
Tot Ion: 96 Resp: 2087
 Ion Ratio Lower Upper
 96 100
 61 256.4 124.5 231.1#
 63 962.0 98.1 182.1#



#20
 cis-1,2-Dichloroethene
 Concen: 32.568 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: VV014697.D
 Acq: 24 Feb 2020 14:20

Tgt Ion: 96 Resp: 46769
 Ion Ratio Lower Upper
 96 100
 61 120.1 82.4 153.0
 68 0.0 0.0 0.0

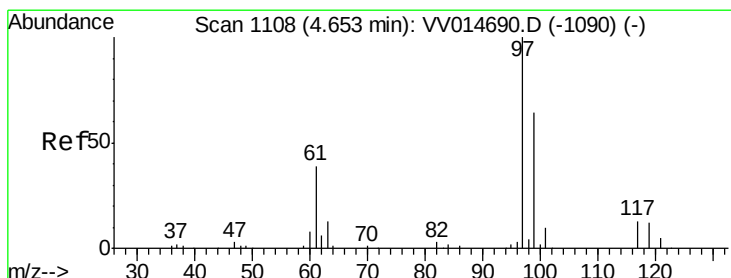
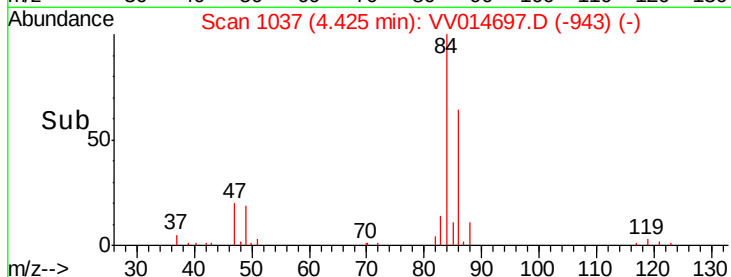
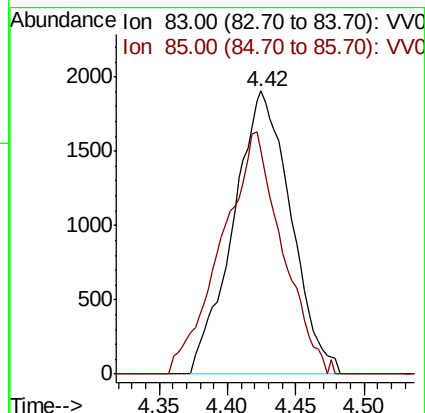
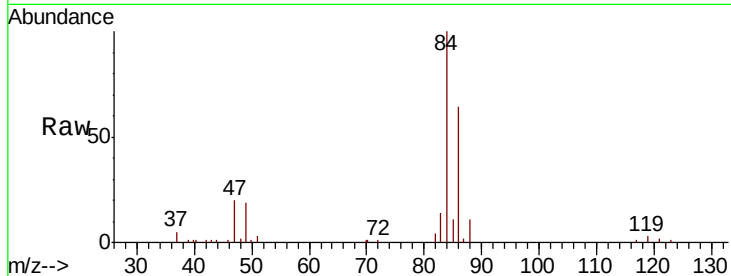




#25
Chloroform
Concen: 2.156 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014697.D
Acq: 24 Feb 2020 14:20

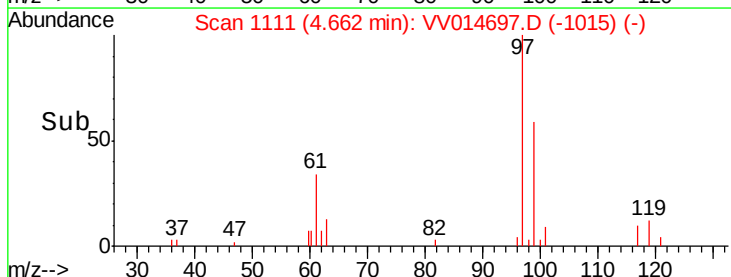
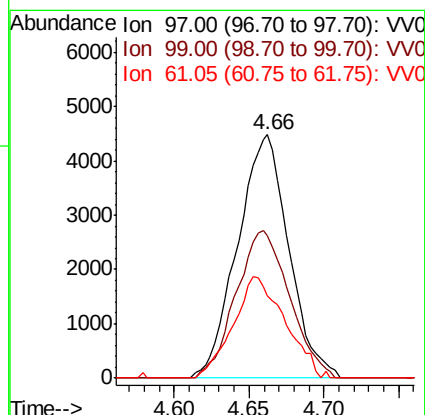
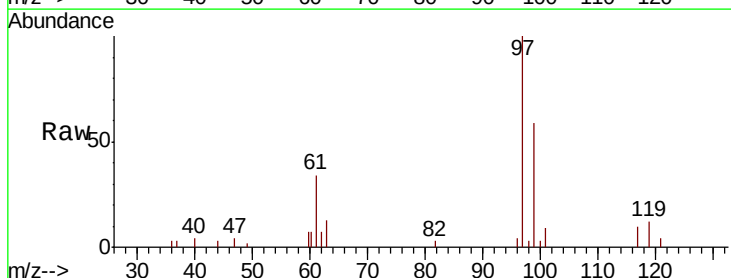
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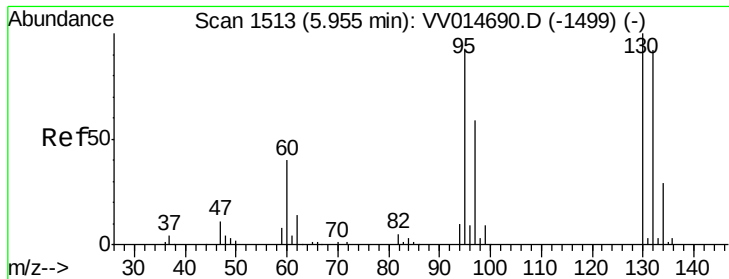
Tot Ion: 83 Resp: 5588
Ion Ratio Lower Upper
83 100
85 78.7 46.1 85.7



#30
1,1,1-Trichloroethane
Concen: 4.597 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VV014697.D
Acq: 24 Feb 2020 14:20

Tgt Ion: 97 Resp: 10697
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 41.9 31.4 47.0





#34

Trichloroethene

Concen: 175.906 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV014697.D

Acq: 24 Feb 2020 14:20

Instrument :

MSVOA_V

ClientSampleId :

C0AP8

Tot Ion: 95 Resp: 264267

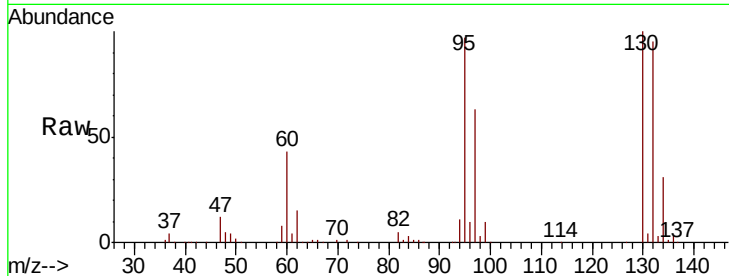
Ion Ratio Lower Upper

95 100

97 64.7 44.3 82.3

132 98.1 69.7 129.4

130 103.1 71.3 132.5

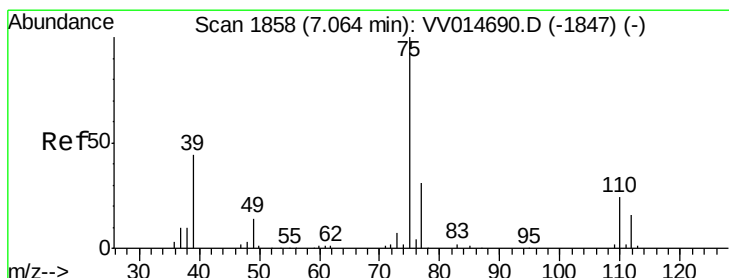
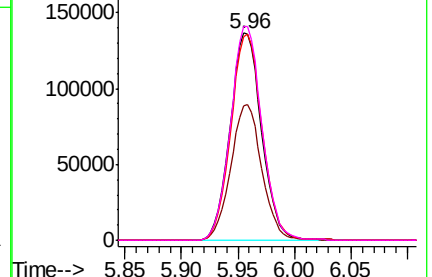
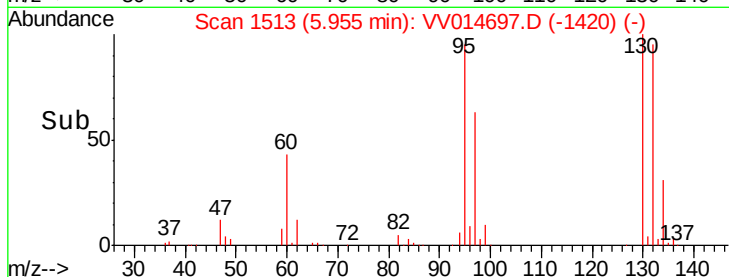


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.119 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014697.D

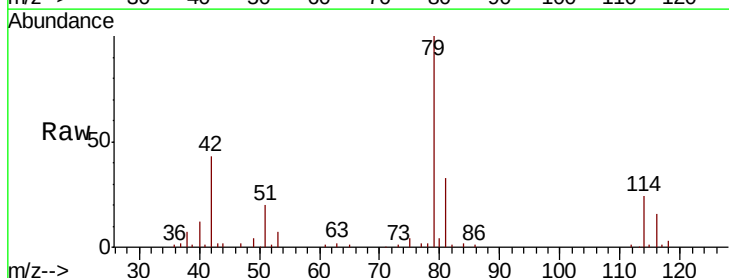
Acq: 24 Feb 2020 14:20

Tgt Ion: 75 Resp: 2523

Ion Ratio Lower Upper

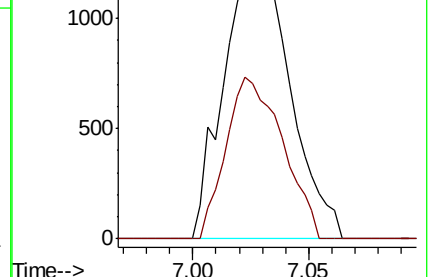
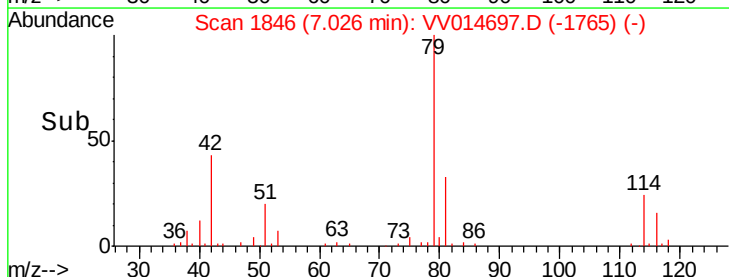
75 100

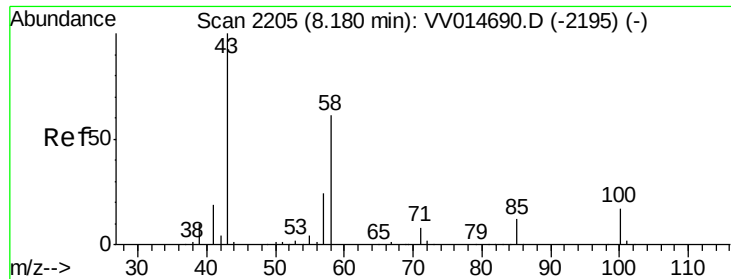
77 54.8 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

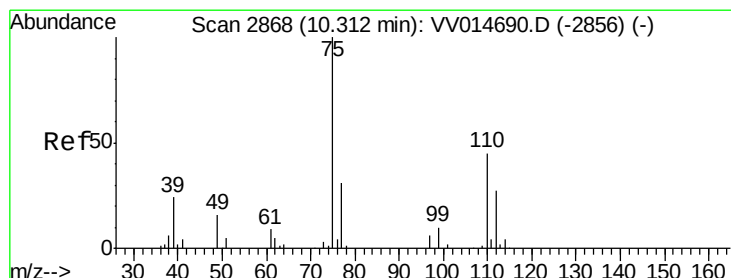
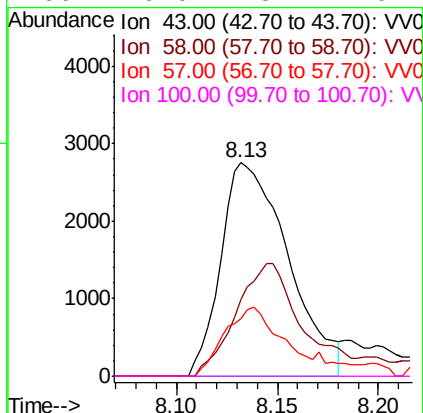
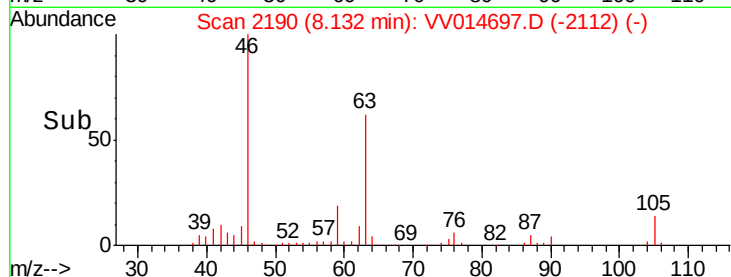
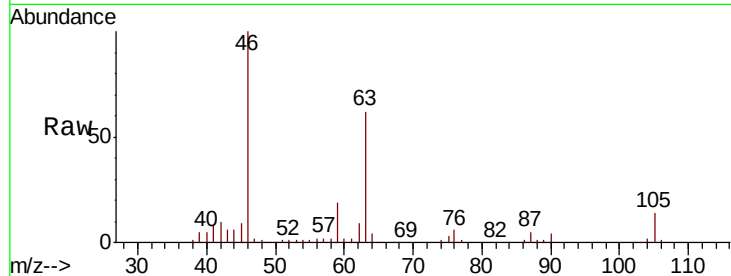




#48
 2-Hexanone
 Concen: 5.233 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV014697.D
 Acq: 24 Feb 2020 14:20

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 C0AP8

Tot Ion: 43 Resp: 6418
 Ion Ratio Lower Upper
 43 100
 58 51.1 49.4 74.2
 57 27.4 17.8 26.8#
 100 0.0 13.1 19.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.852 ug/L
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.97 min
 Lab File: VV014697.D
 Acq: 24 Feb 2020 14:20

Tgt Ion: 75 Resp: 9994
 Ion Ratio Lower Upper
 75 100
 77 43.5 25.7 38.5#

