

Data File : VV014921.D
Acq On : 13 Mar 2020 22:19
Operator : SY/MD
Sample : L1884-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CON70

Quant Time: Mar 16 01:40:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 16 01:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	389309	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	377604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180688	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87315	33.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.28%
7) Chloroethane-d5	1.58	69	69799	33.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.02%#
11) 1,1-Dichloroethene-d2	2.12	63	113653	25.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.92%#
21) 2-Butanone-d5	3.94	46	107452	54.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	54.68%
24) Chloroform-d	4.38	84	206347	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.72%
26) 1,2-Dichloroethane-d4	5.06	65	142066	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
32) Benzene-d6	5.08	84	422398	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
36) 1,2-Dichloropropane-d6	6.10	67	132671	40.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.30%
41) Toluene-d8	7.34	98	405765	41.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.10%
43) trans-1,3-Dichloropropene-	7.64	79	61883	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.70%
47) 2-Hexanone-d5	8.12	63	132978	90.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188299	41.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	168782	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%

Target Compounds

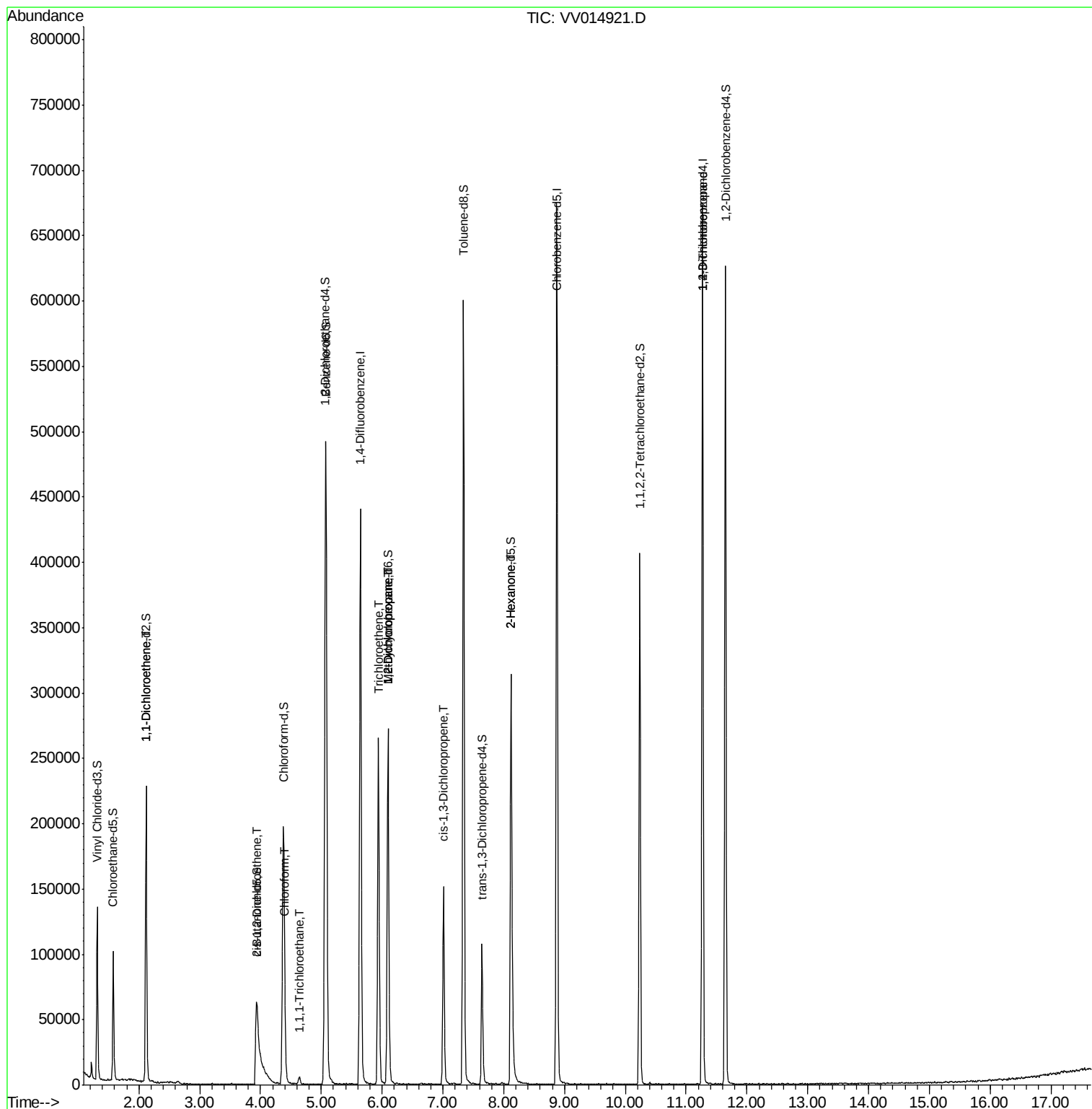
					Qvalue
12) 1,1-Dichloroethene	2.13	96	3849	1.820 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	3991	1.366 ug/L	93
25) Chloroform	4.41	83	7925	1.499 ug/L	88
30) 1,1,1-Trichloroethane	4.64	97	4326	0.988 ug/L	96
34) Trichloroethene	5.94	95	92320	32.293 ug/L	95
35) Methylcyclohexane	6.09	83	33800	7.162 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	14720	4.979 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3834	0.827 ug/L	83
48) 2-Hexanone	8.12	43	15702	4.660 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	17557	4.651 ug/L #	85

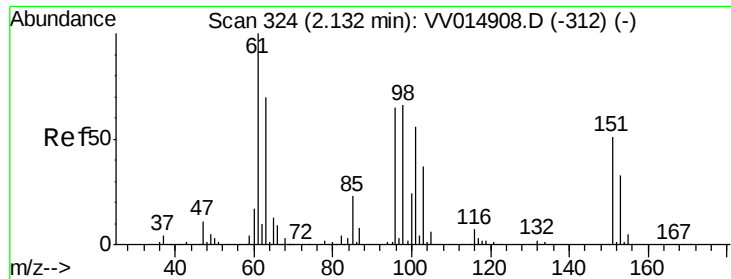
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.820 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014921.D

Acq: 13 Mar 2020 22:19

Instrument :

MSVOA_V

ClientSampled :

CON70

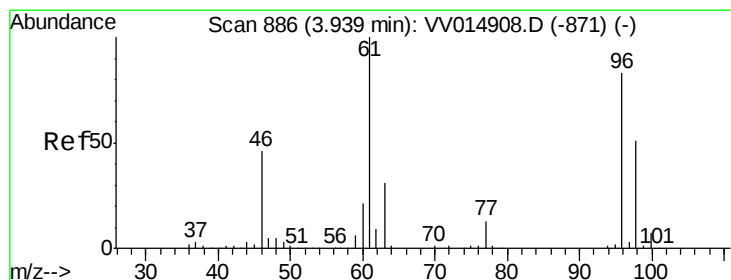
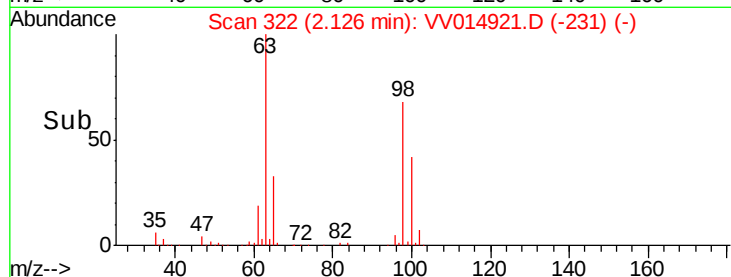
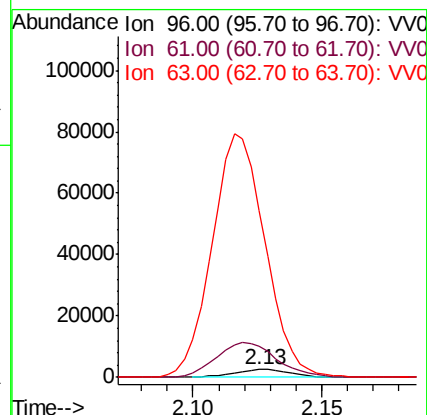
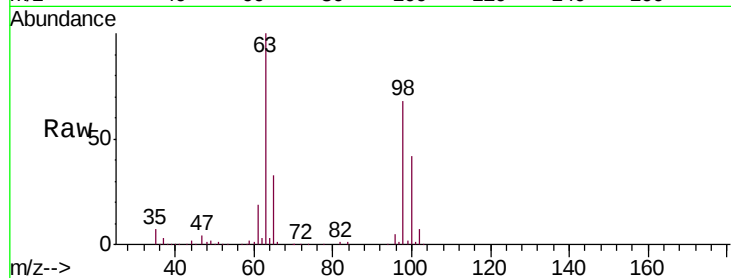
Tgt Ion: 96 Resp: 3849

Ion Ratio Lower Upper

96 100

61 410.3 118.4 220.0#

63 2211.3 88.4 164.2#



#20

cis-1,2-Dichloroethene

Concen: 1.366 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV014921.D

Acq: 13 Mar 2020 22:19

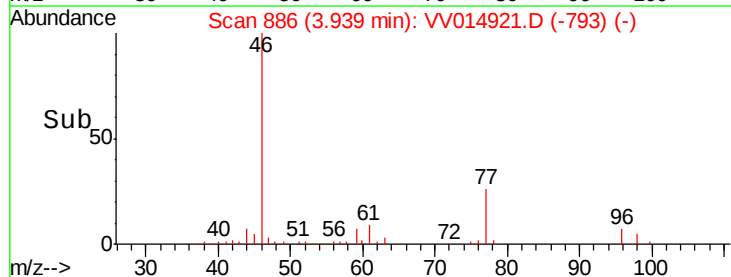
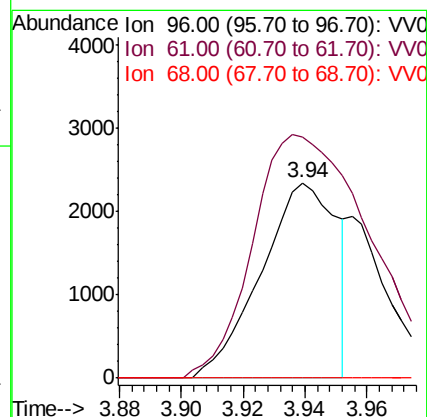
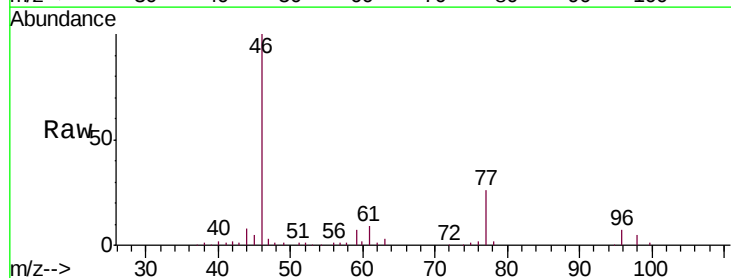
Tgt Ion: 96 Resp: 3991

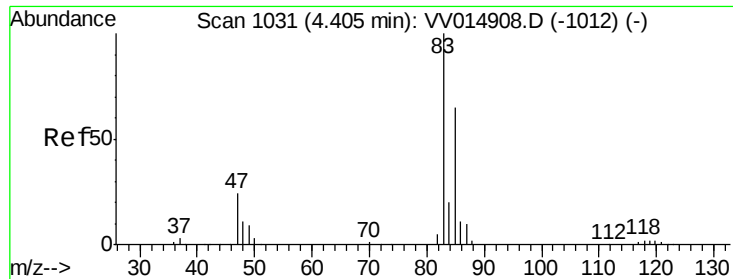
Ion Ratio Lower Upper

96 100

61 123.4 92.2 171.2

68 0.0 0.0 0.0

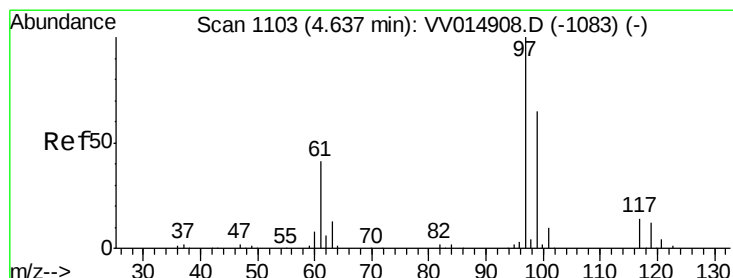
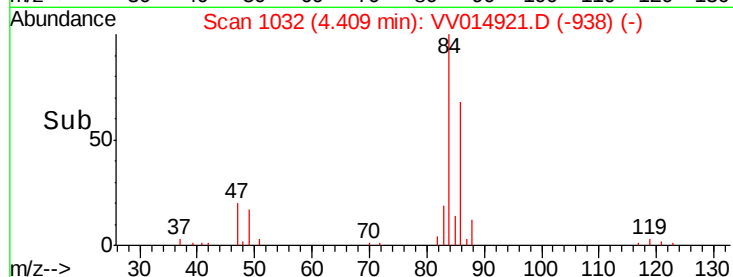
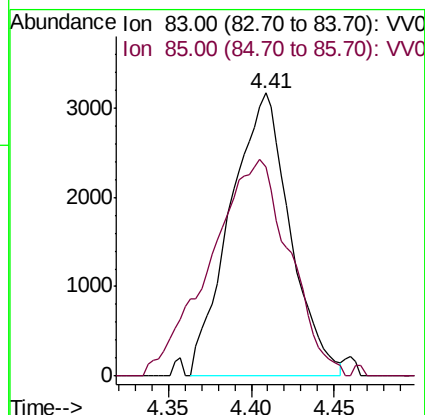
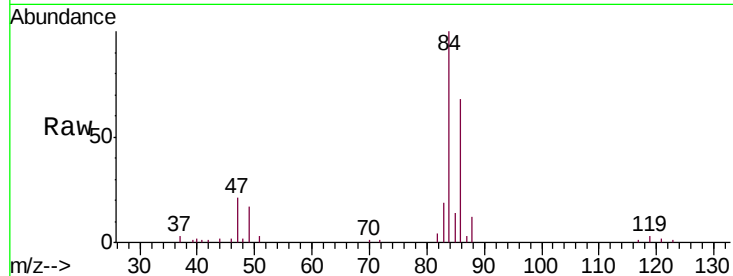




#25
Chloroform
Concen: 1.499 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014921.D
Acq: 13 Mar 2020 22:19

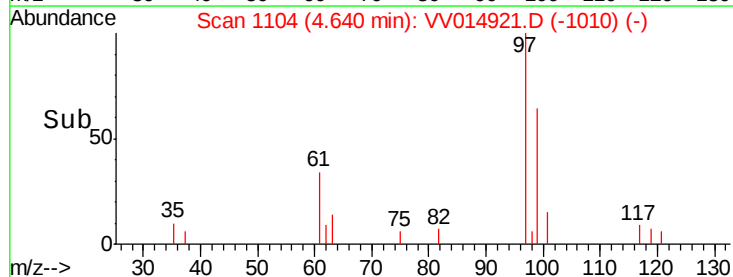
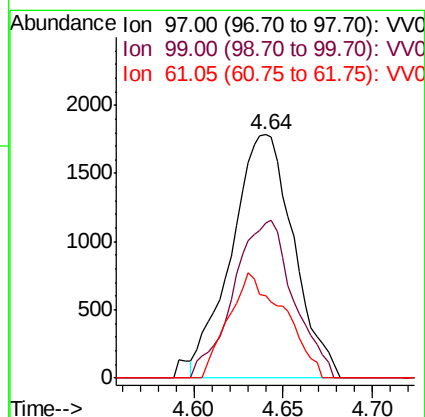
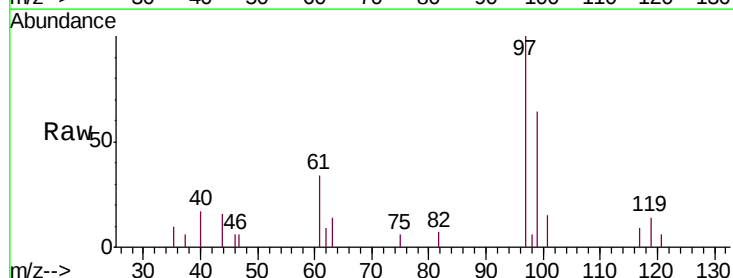
Instrument :
MSVOA_V
ClientSampleId :
CON70

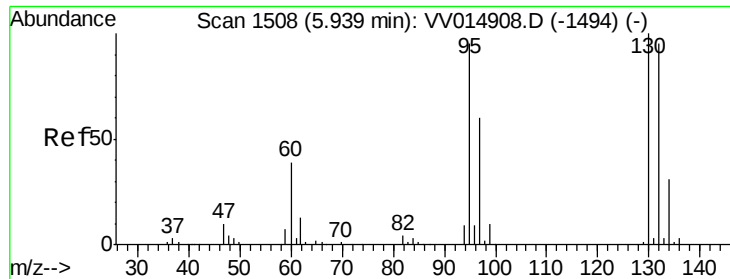
Tgt Ion: 83 Resp: 7925
Ion Ratio Lower Upper
83 100
85 74.1 45.1 83.9



#30
1,1,1-Trichloroethane
Concen: 0.988 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. 0.00 min
Lab File: VV014921.D
Acq: 13 Mar 2020 22:19

Tgt Ion: 97 Resp: 4326
Ion Ratio Lower Upper
97 100
99 62.4 51.6 77.4
61 38.8 34.6 52.0





#34

Trichloroethene

Concen: 32.293 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV014921.D

Acq: 13 Mar 2020 22:19

Instrument :

MSVOA_V

ClientSampleId :

CON70

Tgt Ion: 95 Resp: 92320

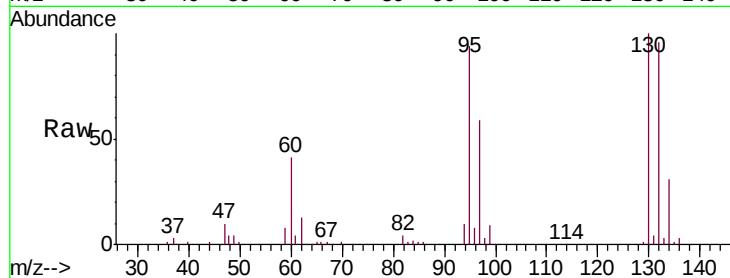
Ion Ratio Lower Upper

95 100

97 62.6 43.8 81.4

132 101.5 65.8 122.2

130 106.2 70.6 131.2



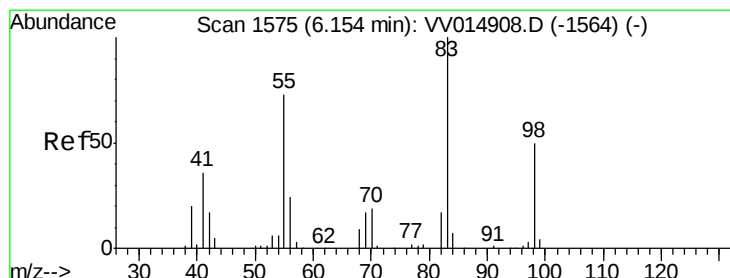
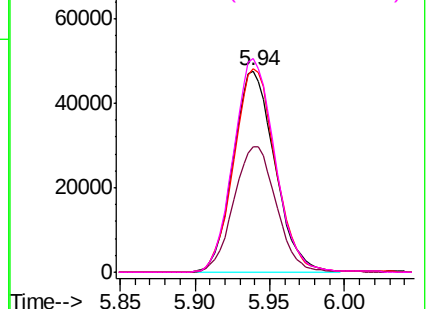
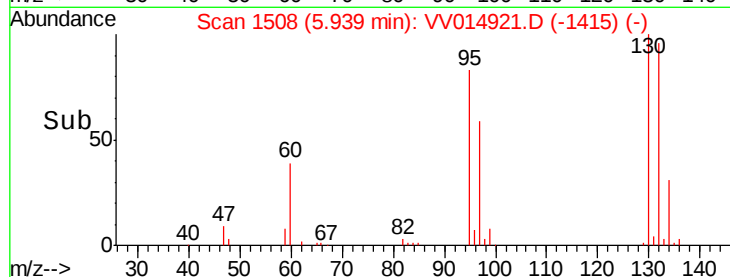
Abundance

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): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.162 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV014921.D

Acq: 13 Mar 2020 22:19

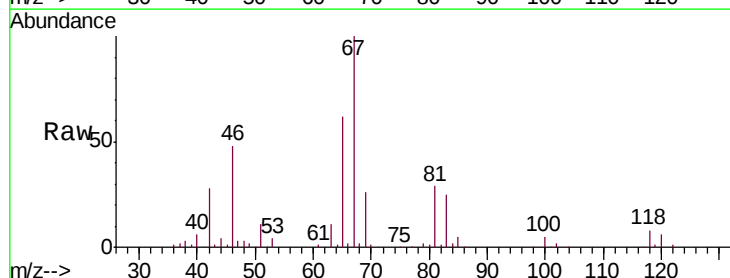
Tgt Ion: 83 Resp: 33800

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

98 1.5 36.8 55.2#

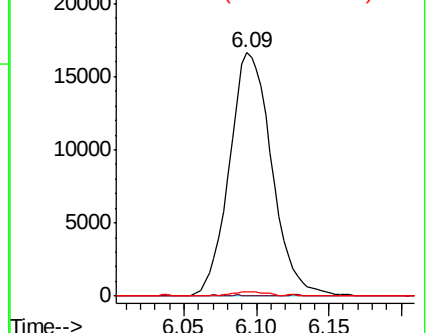
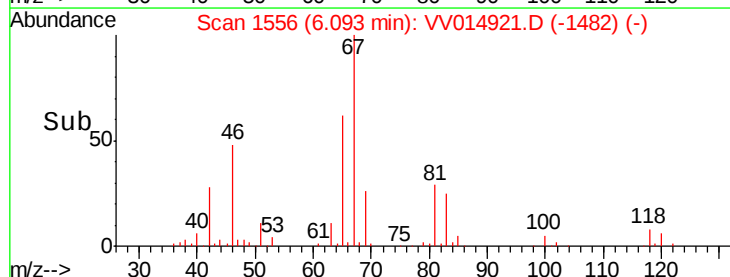


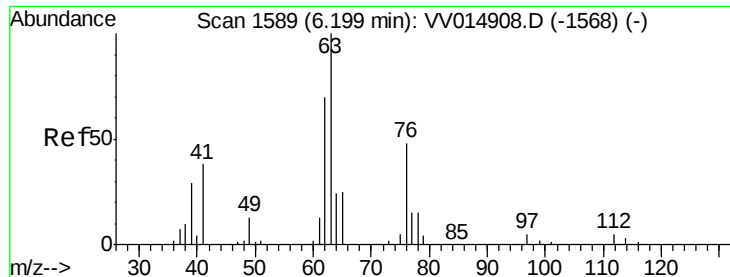
Abundance

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

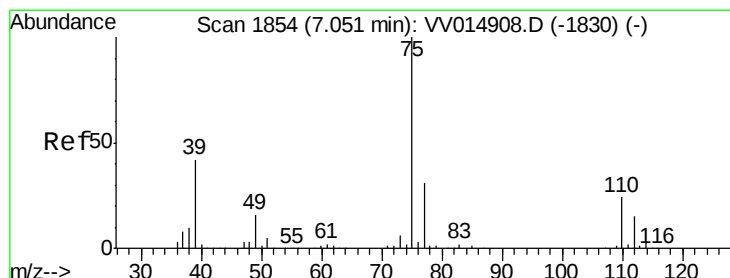
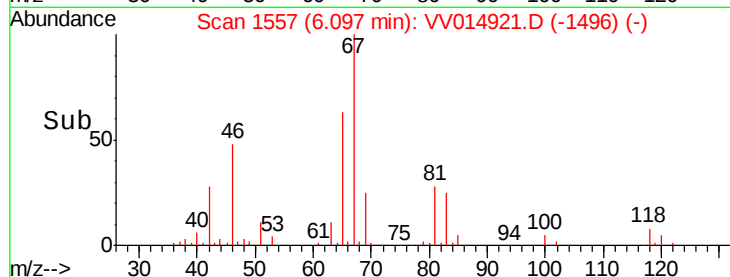
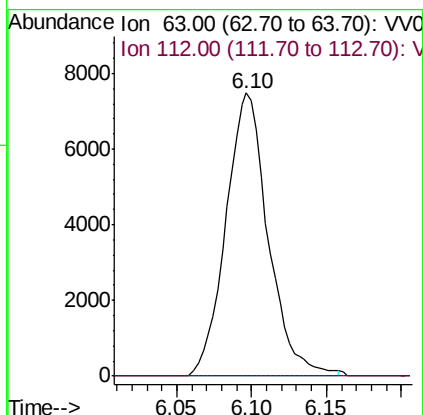
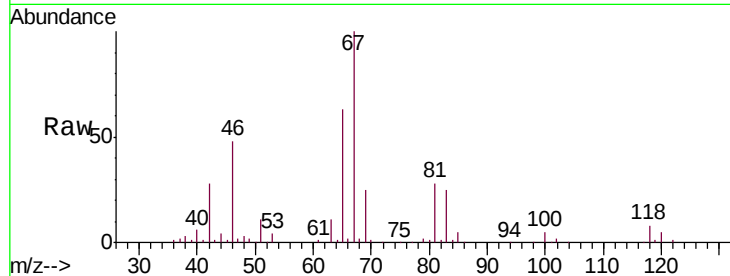




#37
 1,2-Dichloropropane
 Concen: 4.979 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV014921.D
 Acq: 13 Mar 2020 22:19

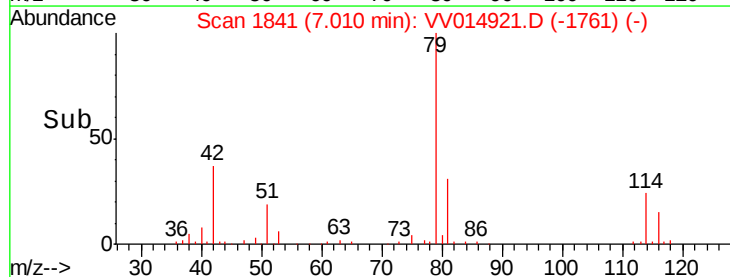
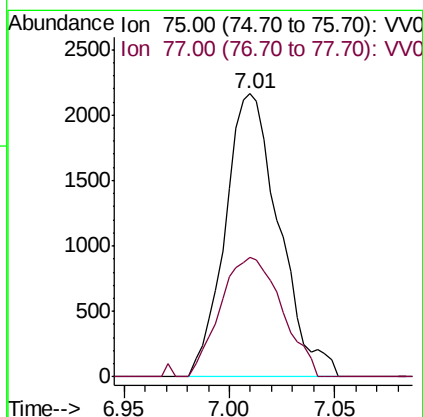
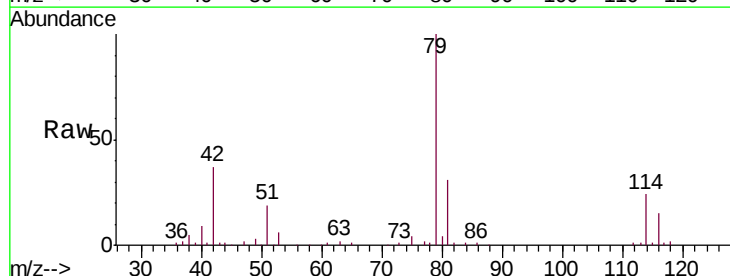
Instrument :
 MSVOA_V
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 CON70

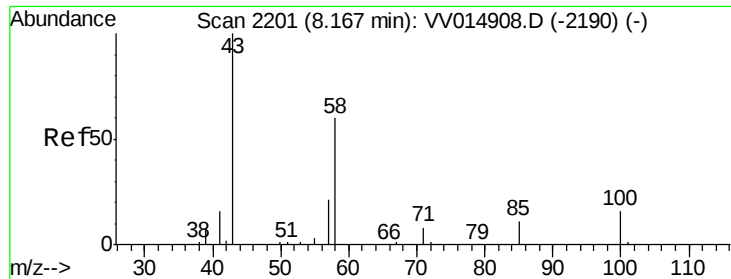
Tgt Ion: 63 Resp: 14720
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.827 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV014921.D
 Acq: 13 Mar 2020 22:19

Tgt Ion: 75 Resp: 3834
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.8 42.4

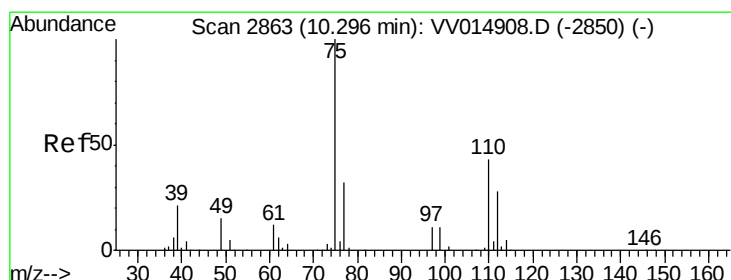
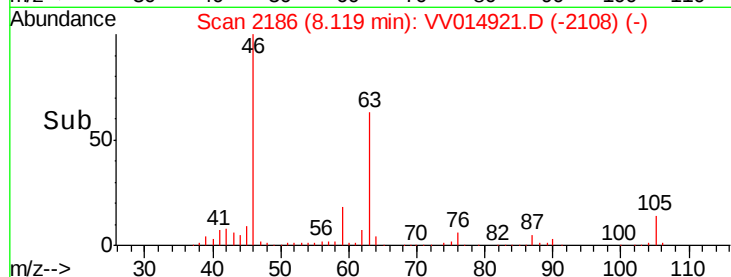
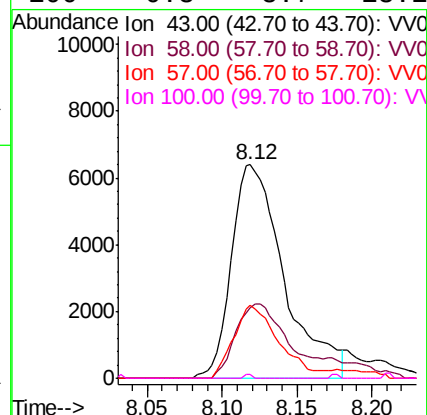
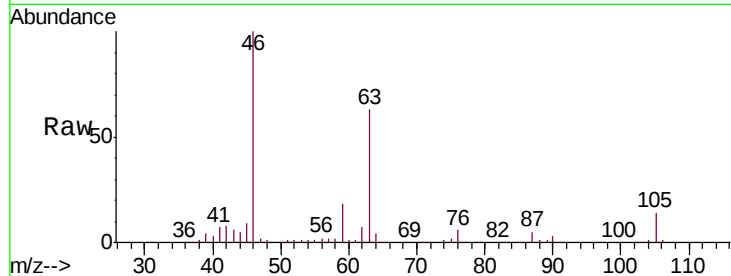




#48
2-Hexanone
Concen: 4.660 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV014921.D
Acq: 13 Mar 2020 22:19

Instrument :
MSVOA_V
ClientSampleId :
CON70

Tgt Ion: 43 Resp: 15702
Ion Ratio Lower Upper
43 100
58 34.5 43.3 64.9#
57 29.3 15.6 23.4#
100 0.3 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 4.651 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV014921.D
Acq: 13 Mar 2020 22:19

Tgt Ion: 75 Resp: 17557
Ion Ratio Lower Upper
75 100
77 40.5 25.6 38.4#

