

Data File : VV014636.D
Acq On : 20 Feb 2020 20:07
Operator : SY/MD
Sample : L1607-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ0

Quant Time: Feb 21 03:36:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264281	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	248746	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	119588	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49743	49.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.02%
7) Chloroethane-d5	1.58	69	36442	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.10%
11) 1,1-Dichloroethene-d2	2.13	63	70199	41.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.90%
21) 2-Butanone-d5	3.94	46	87081	103.47	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.47%
24) Chloroform-d	4.40	84	144310	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.08	65	98728	53.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.54%
32) Benzene-d6	5.10	84	313100	52.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.26%
36) 1,2-Dichloropropane-d6	6.11	67	93685	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.58%
41) Toluene-d8	7.36	98	293378	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%
43) trans-1,3-Dichloropropene-	7.66	79	47901	48.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.96%
47) 2-Hexanone-d5	8.13	63	71818	100.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.31%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	123481	50.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.56%
64) 1,2-Dichlorobenzene-d4	11.67	152	113516	53.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.46%

Target Compounds

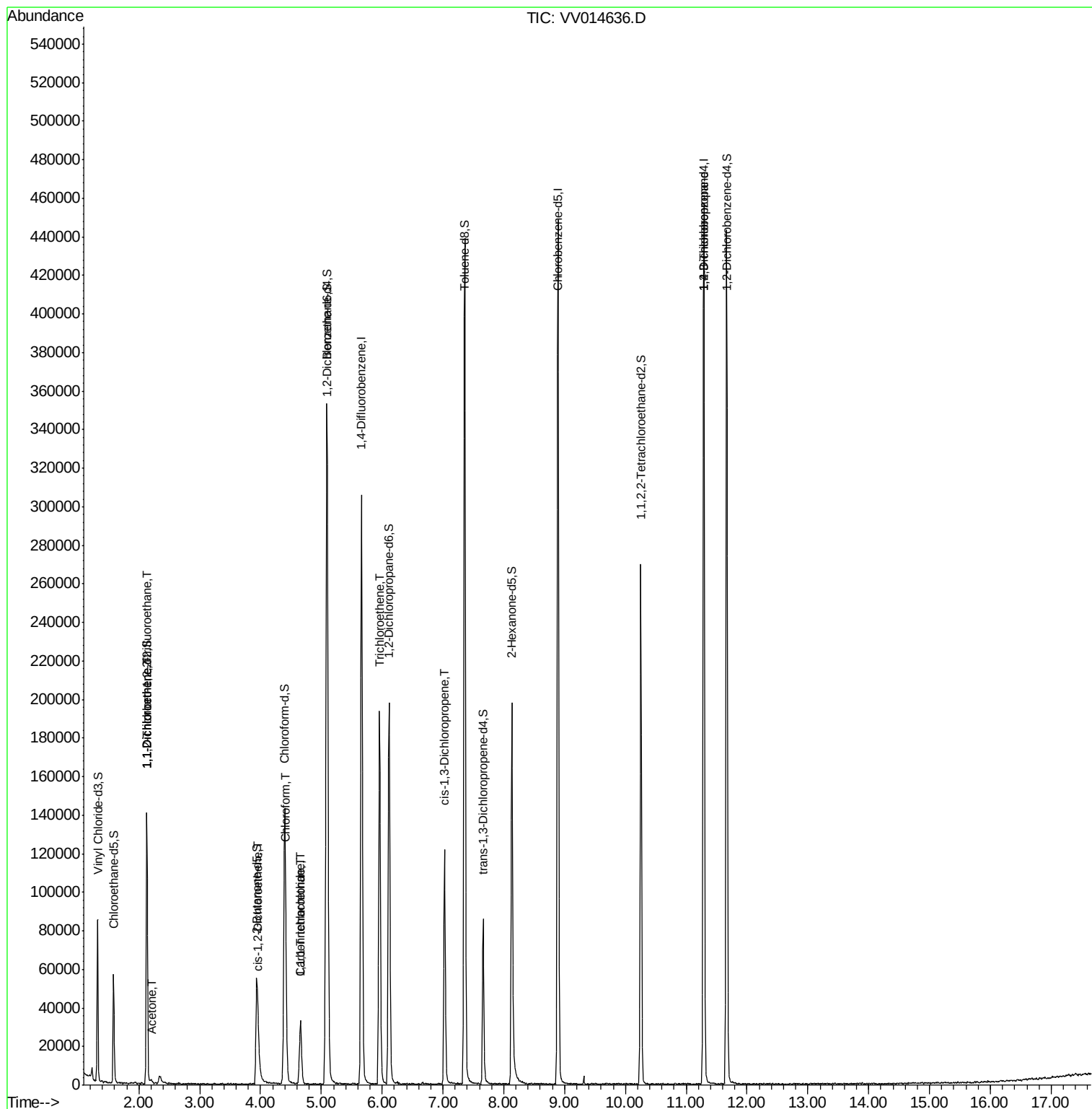
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1170	1.342 ug/L #	31
12) 1,1-Dichloroethene	2.13	96	665	0.820 ug/L #	1
13) Acetone	2.20	43	1643	2.275 ug/L	94
20) cis-1,2-Dichloroethene	3.97	96	2837	1.535 ug/L	77
25) Chloroform	4.42	83	11054	3.564 ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	26445	9.773 ug/L	98
31) Carbon tetrachloride	4.65	117	3507	1.435 ug/L #	64
34) Trichloroethene	5.96	95	66702	37.848 ug/L	98
39) cis-1,3-Dichloropropene	7.02	75	3326	1.168 ug/L #	64
59) 1,2,3-Trichloropropane	11.29	75	12486	6.016 ug/L #	84

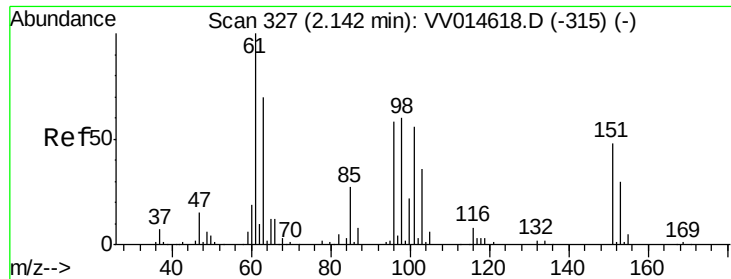
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.342 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014636.D

Acq: 20 Feb 2020 20:07

Instrument :

MSVOA_V

ClientSampleId :

C0AQ0

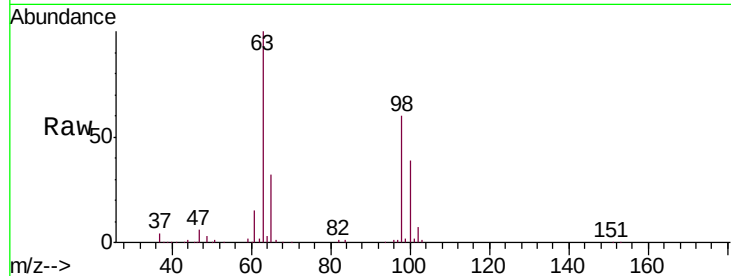
Tgt Ion: 101 Resp: 1170

Ion Ratio Lower Upper

101 100

85 5.3 35.4 53.0#

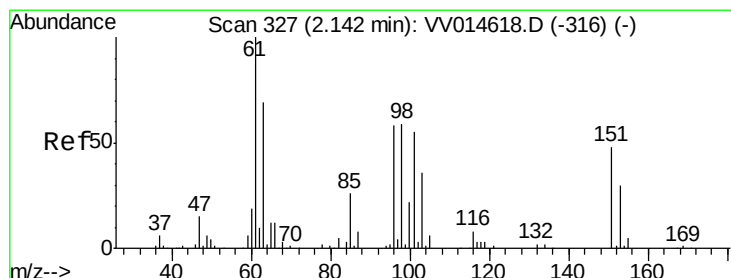
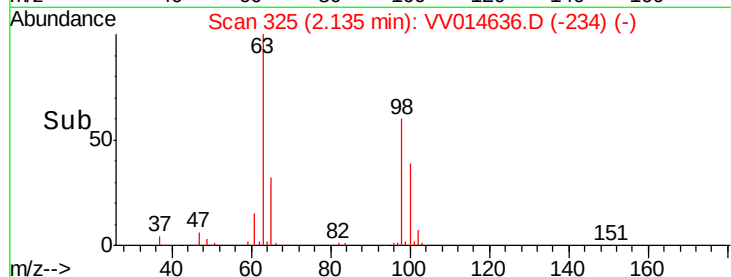
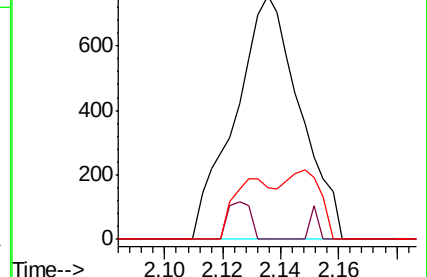
151 15.7 65.4 98.2#



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



#12

1,1-Dichloroethene

Concen: 0.820 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014636.D

Acq: 20 Feb 2020 20:07

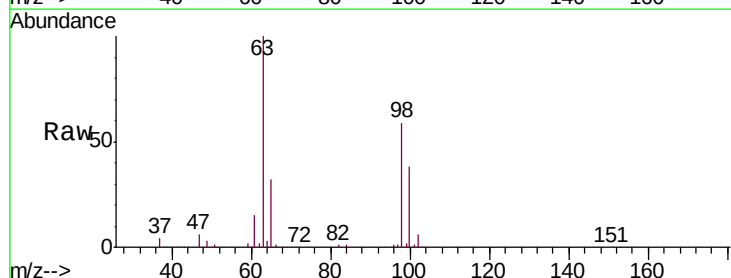
Tgt Ion: 96 Resp: 665

Ion Ratio Lower Upper

96 100

61 1527.7 124.2 230.6#

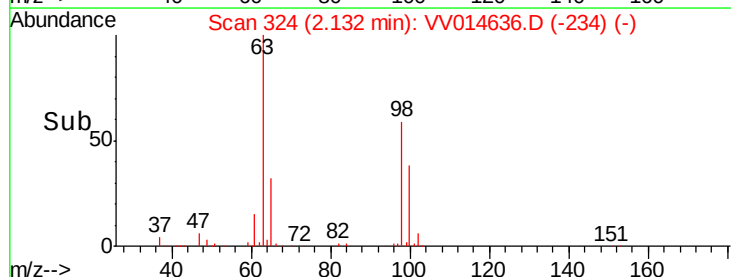
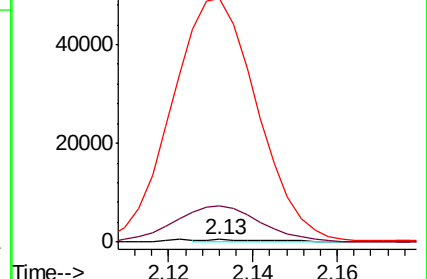
63 10100.0 89.2 165.8#

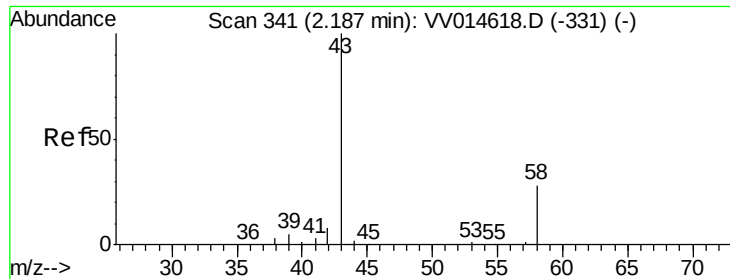


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.275 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

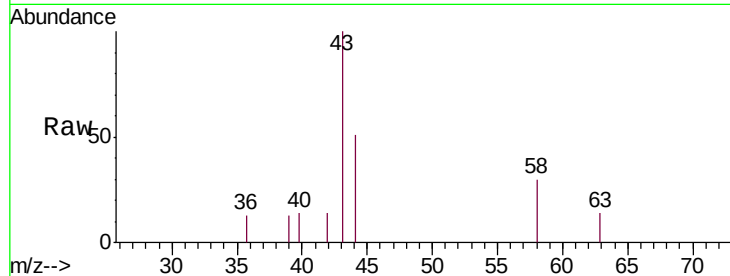
C0AQ0

Tgt Ion: 43 Resp: 1643

Ion Ratio Lower Upper

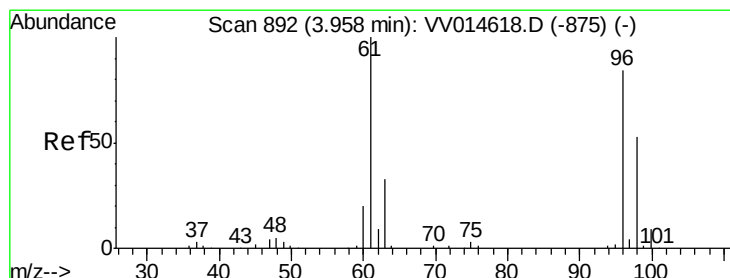
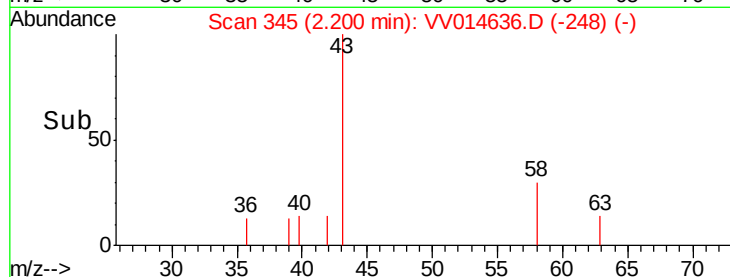
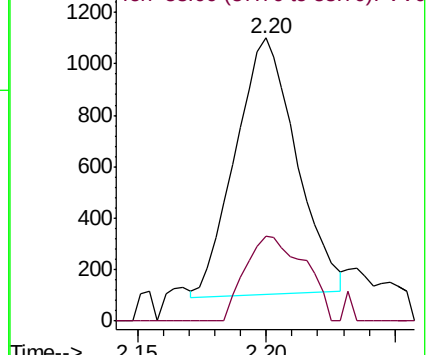
43 100

58 32.4 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV014636.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV014636.D (-248) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.535 ug/L

RT: 3.97 min Scan# 896

Delta R.T. 0.01 min

Lab File: VV014636.D

Acq: 20 Feb 2020 20:07

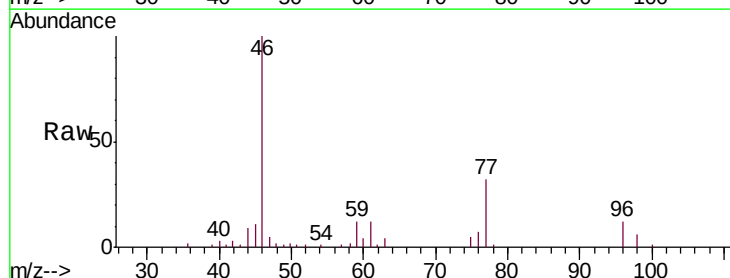
Tgt Ion: 96 Resp: 2837

Ion Ratio Lower Upper

96 100

61 96.9 85.9 159.5

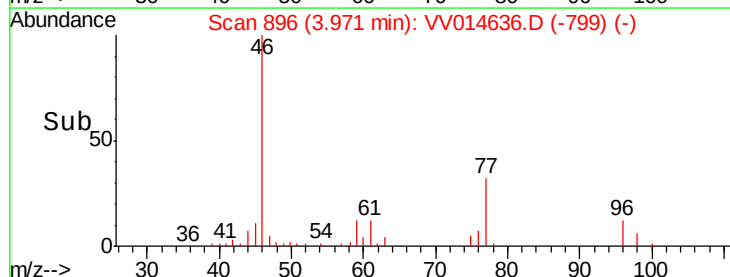
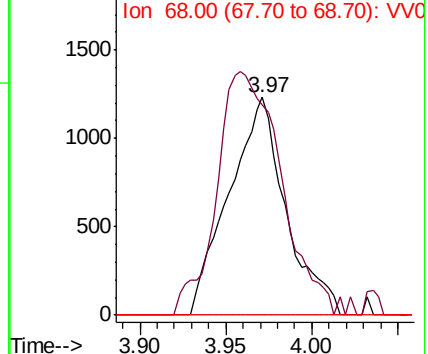
68 0.0 0.0 0.0

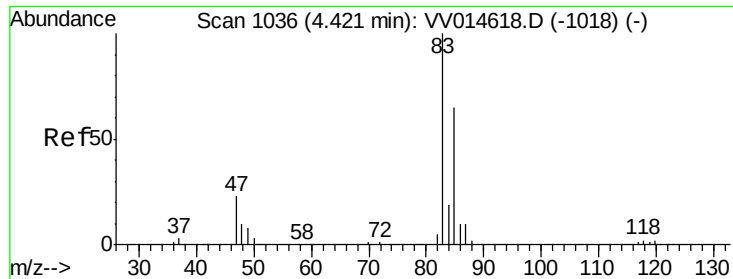


Abundance Ion 96.00 (95.70 to 96.70): VV014636.D (-799) (-)

Ion 61.00 (60.70 to 61.70): VV014636.D (-799) (-)

Ion 68.00 (67.70 to 68.70): VV014636.D (-799) (-)

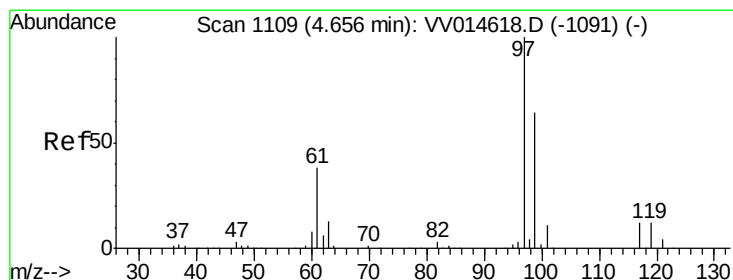
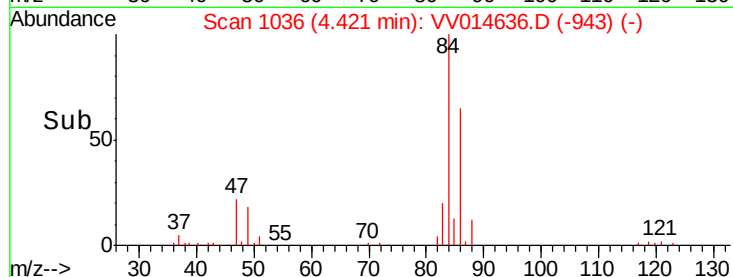
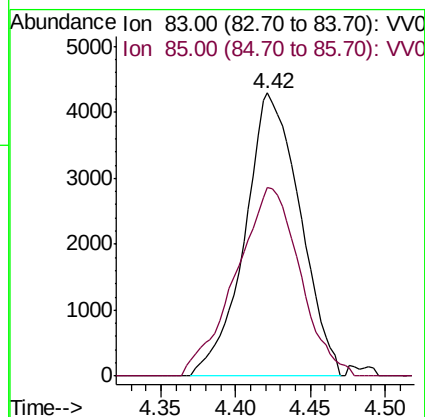
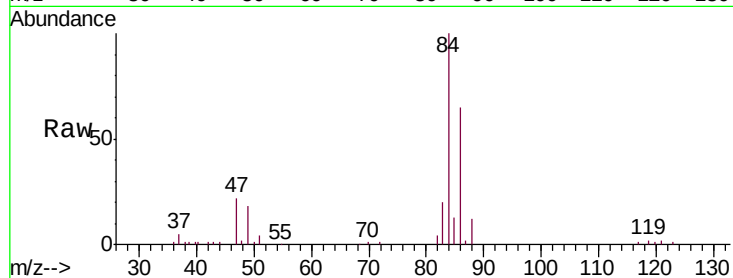




#25
Chloroform
Concen: 3.564 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014636.D
Acq: 20 Feb 2020 20:07

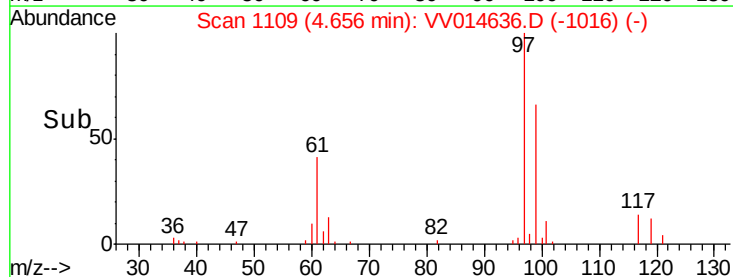
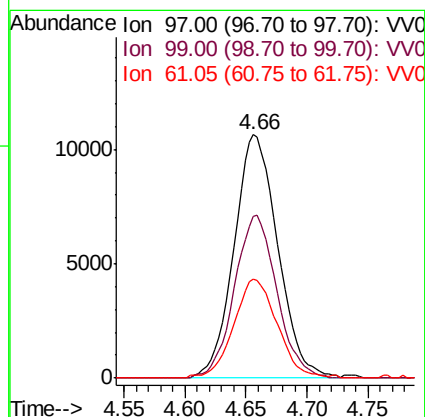
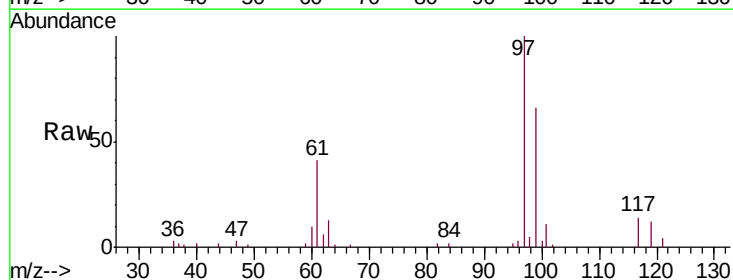
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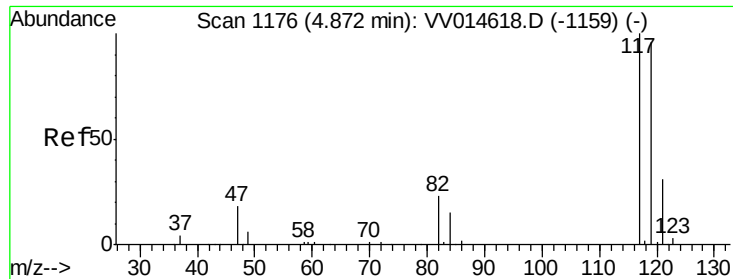
Tgt Ion: 83 Resp: 11054
Ion Ratio Lower Upper
83 100
85 66.6 45.0 83.6



#30
1,1,1-Trichloroethane
Concen: 9.773 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV014636.D
Acq: 20 Feb 2020 20:07

Tgt Ion: 97 Resp: 26445
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 38.8 32.4 48.6





#31

Carbon tetrachloride

Concen: 1.435 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.22 min

Lab File: VV014636.D

Acq: 20 Feb 2020 20:07

Instrument :

MSVOA_V

ClientSampleId :

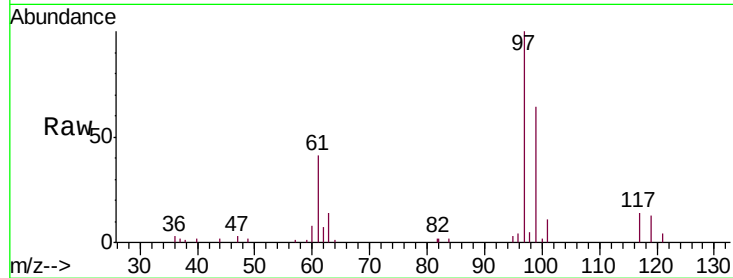
C0AQ0

Tgt Ion:117 Resp: 3507

Ion Ratio Lower Upper

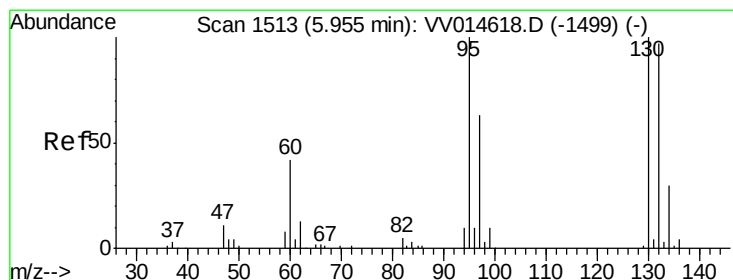
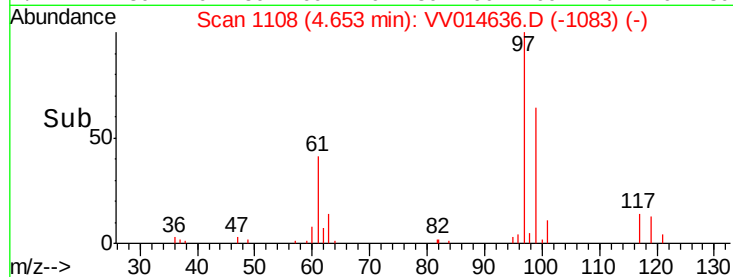
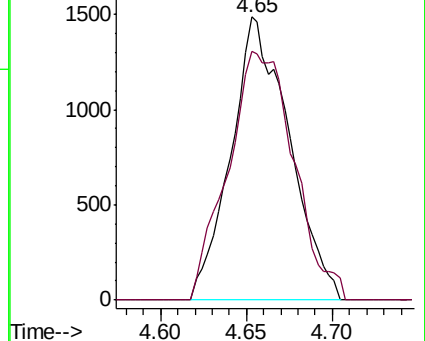
117 100

119 61.4 77.6 116.4#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Trichloroethene

Concen: 37.848 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014636.D

Acq: 20 Feb 2020 20:07

Tgt Ion: 95 Resp: 66702

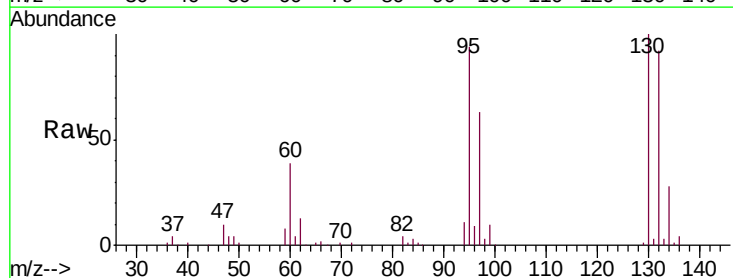
Ion Ratio Lower Upper

95 100

97 66.6 45.3 84.1

132 96.8 69.6 129.2

130 105.8 74.0 137.4

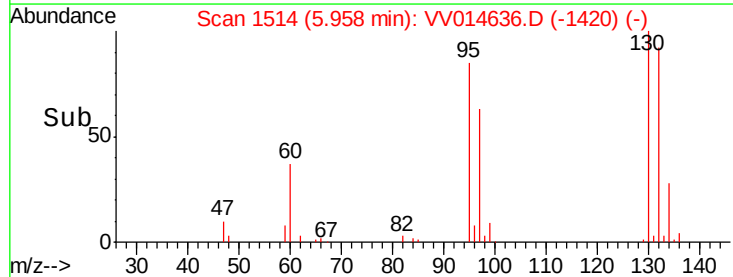
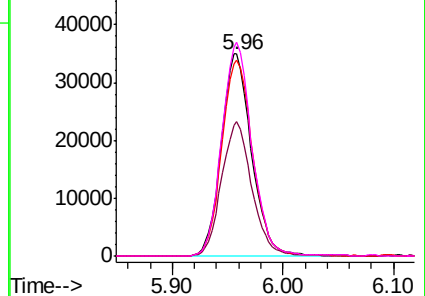


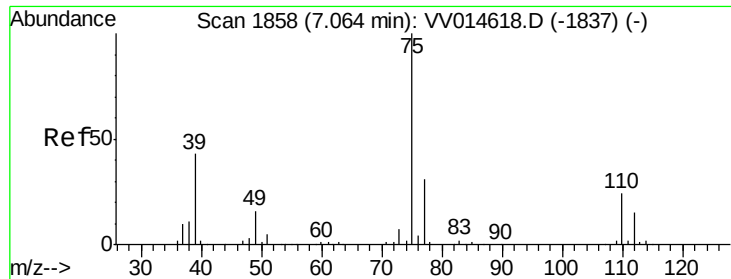
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

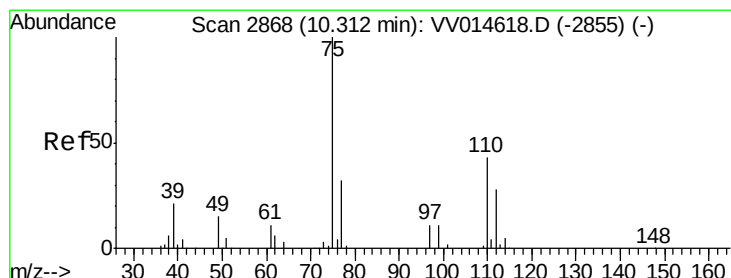
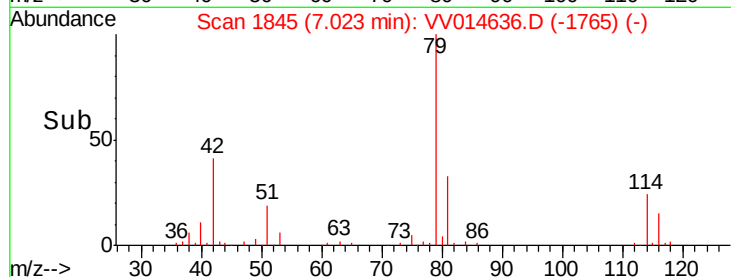
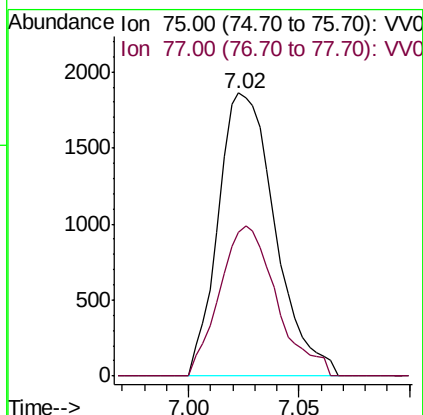
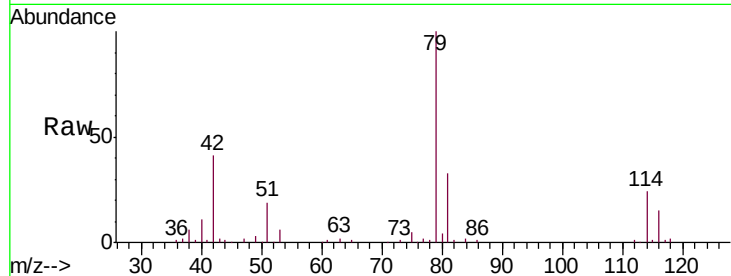




#39
 cis-1,3-Dichloropropene
 Concen: 1.168 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014636.D
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 C0AQ0

Tgt Ion: 75 Resp: 3326
 Ion Ratio Lower Upper
 75 100
 77 50.9 21.7 40.3#



#59
 1,2,3-Trichloropropane
 Concen: 6.016 ug/L
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.97 min
 Lab File: VV014636.D
 Acq: 20 Feb 2020 20:07

Tgt Ion: 75 Resp: 12486
 Ion Ratio Lower Upper
 75 100
 77 41.6 25.9 38.9#

