

Data File : VV014666.D
Acq On : 21 Feb 2020 20:22
Operator : SY/MD
Sample : L1607-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ6

Quant Time: Feb 21 23:41:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222667	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	204064	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35748	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.22%
7) Chloroethane-d5	1.59	69	27911	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.56%
11) 1,1-Dichloroethene-d2	2.13	63	59050	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.86%
21) 2-Butanone-d5	3.95	46	82805	102.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.44%
24) Chloroform-d	4.40	84	130227	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	5.08	65	88840	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.10	84	266289	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.11	67	79632	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	7.36	98	248341	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%
43) trans-1,3-Dichloropropene-	7.66	79	41477	47.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.02%
47) 2-Hexanone-d5	8.14	63	62700	99.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.33%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	108253	49.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.22%
64) 1,2-Dichlorobenzene-d4	11.67	152	94881	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

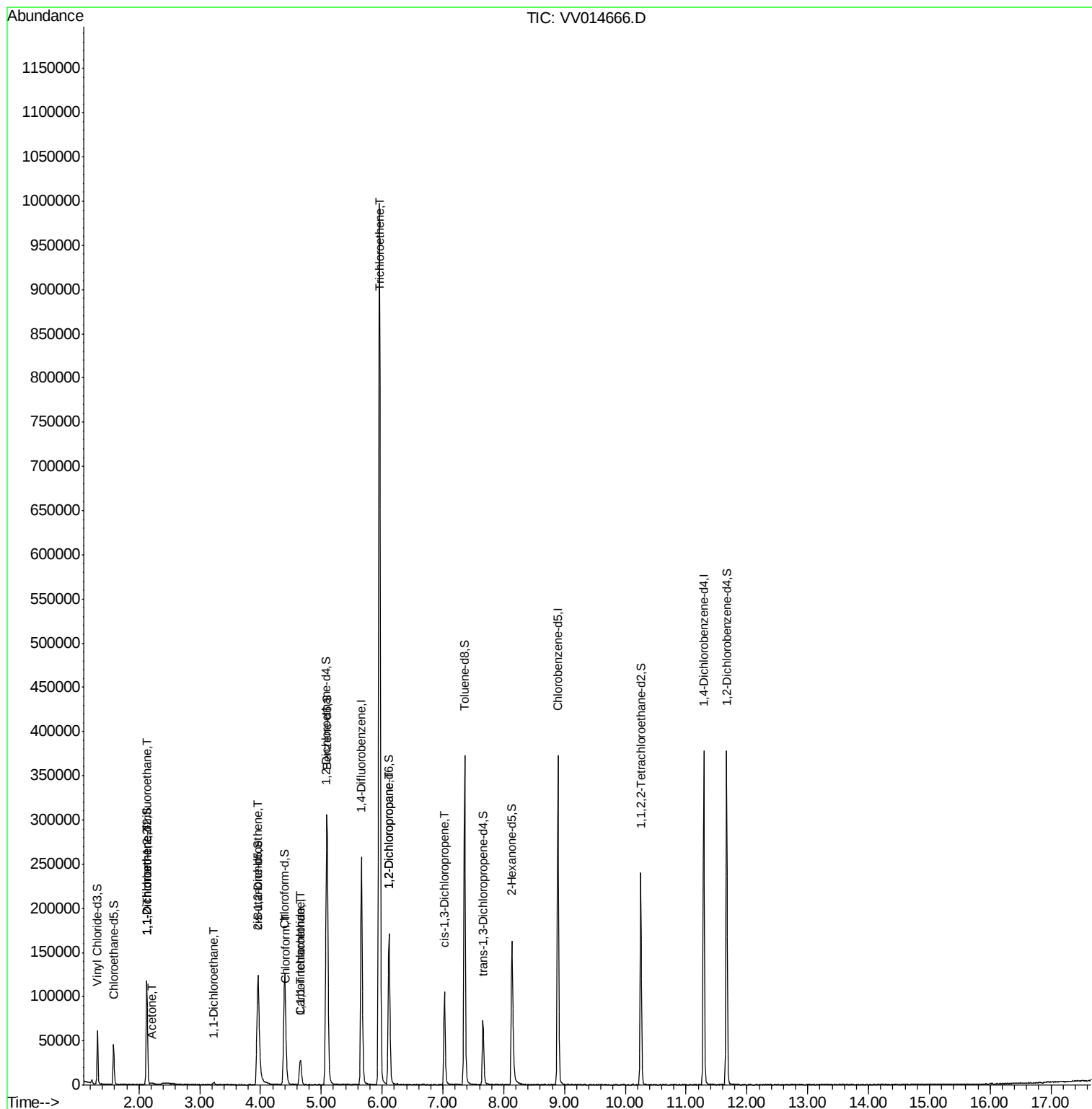
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	611	0.810	ug/L #	17
12) 1,1-Dichloroethene	2.14	96	4469	6.584	ug/L #	1
13) Acetone	2.22	43	1722	2.399	ug/L	48
19) 1,1-Dichloroethane	3.23	63	2139	0.902	ug/L #	86
20) cis-1,2-Dichloroethene	3.96	96	52081	34.067	ug/L	95
25) Chloroform	4.43	83	6904	2.502	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	22162	9.339	ug/L #	85
31) Carbon tetrachloride	4.66	117	3036	1.446	ug/L	92
34) Trichloroethene	5.96	95	345820	225.737	ug/L	99
37) 1,2-Dichloropropane	6.11	63	9525	7.400	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2791	1.214	ug/L #	69

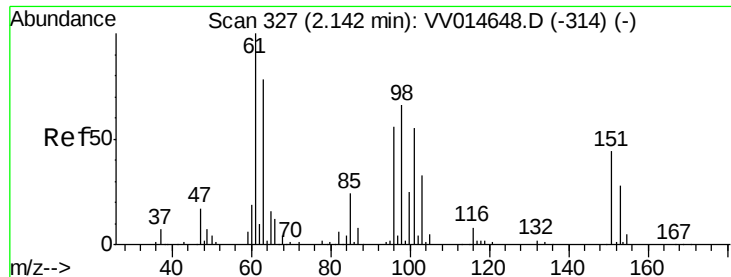
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.810 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014666.D

Acq: 21 Feb 2020 20:22

Instrument :

MSVOA_V

ClientSampleId :

C0AQ6

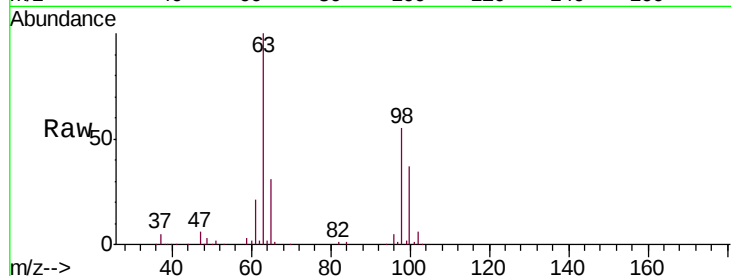
Tgt Ion: 101 Resp: 611

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

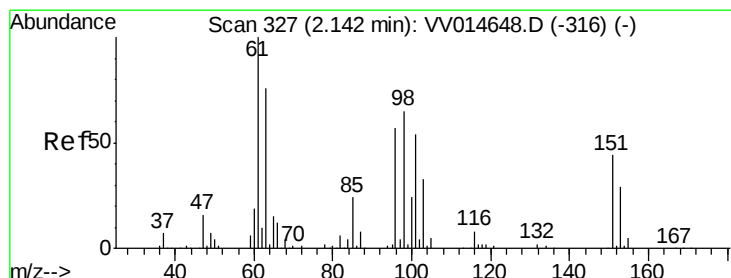
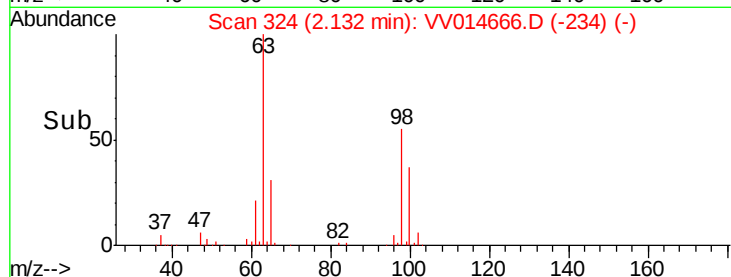
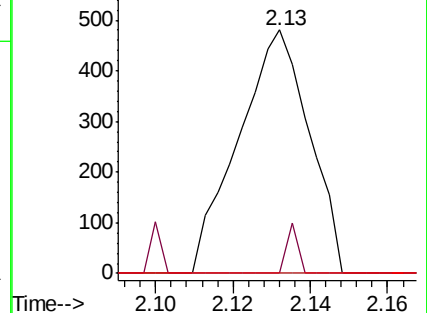
151 0.0 64.6 96.8#



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: 6.584 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV014666.D

Acq: 21 Feb 2020 20:22

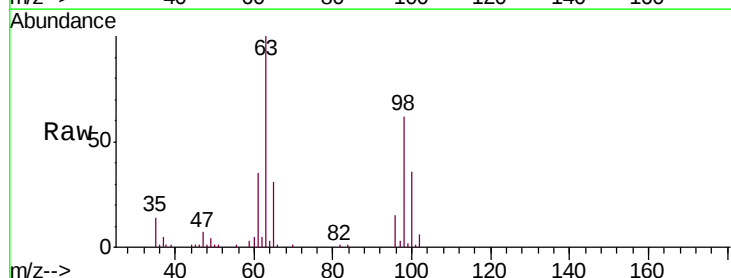
Tgt Ion: 96 Resp: 4469

Ion Ratio Lower Upper

96 100

61 230.9 124.5 231.1

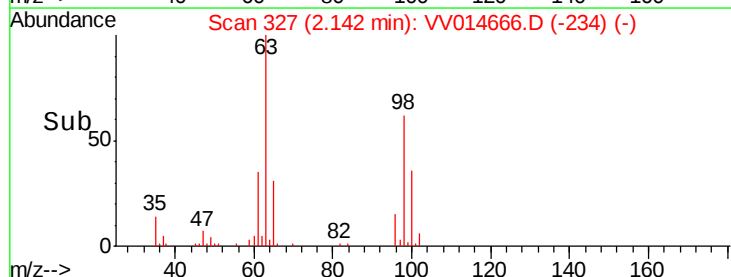
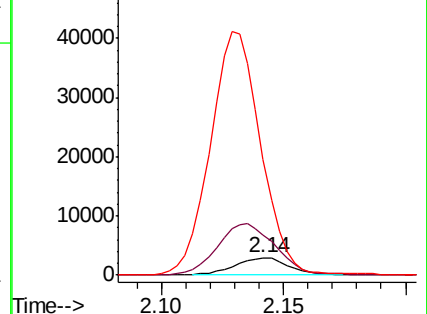
63 654.9 98.1 182.1#

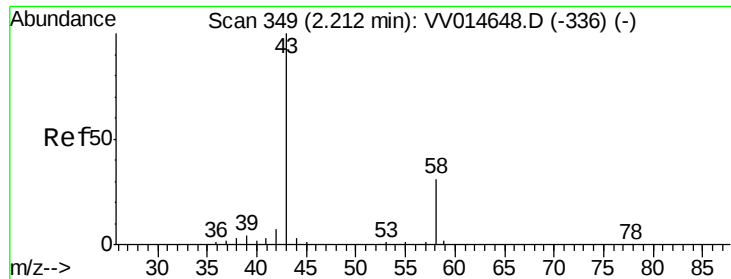


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.399 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV014666.D

Acq: 21 Feb 2020 20:22

Instrument :

MSVOA_V

ClientSampled :

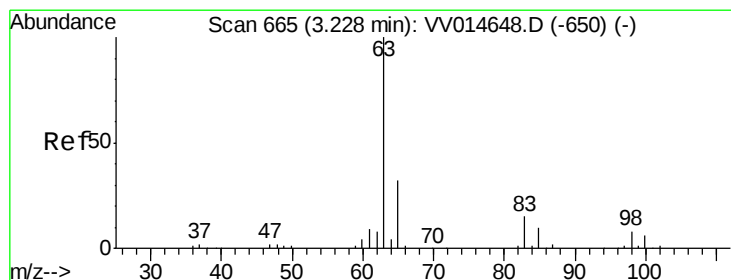
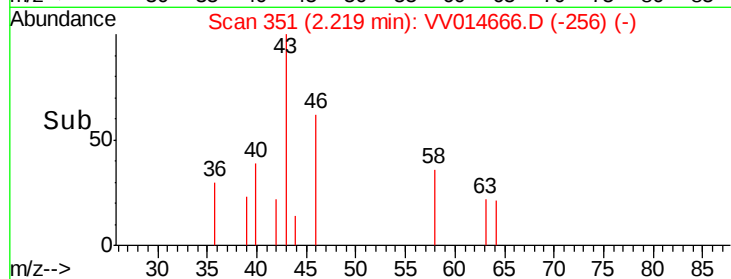
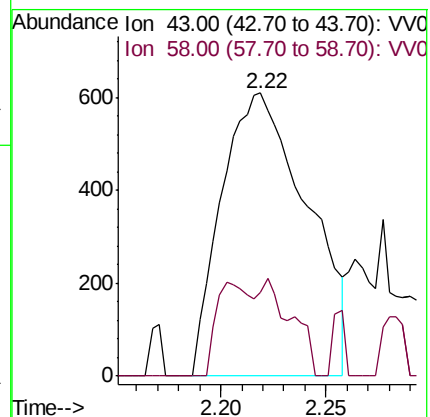
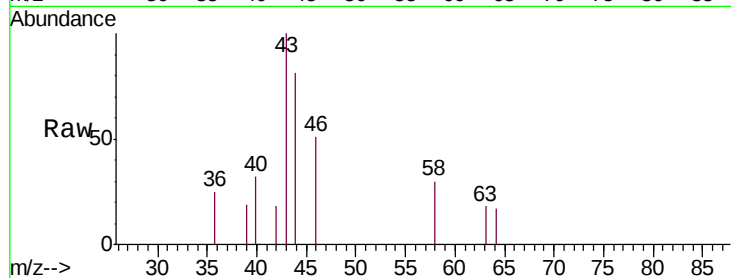
C0AQ6

Tgt Ion: 43 Resp: 1722

Ion Ratio Lower Upper

43 100

58 3.8 0.0 66.8



#19

1,1-Dichloroethane

Concen: 0.902 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV014666.D

Acq: 21 Feb 2020 20:22

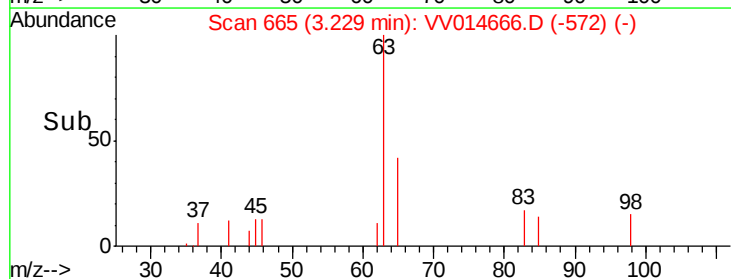
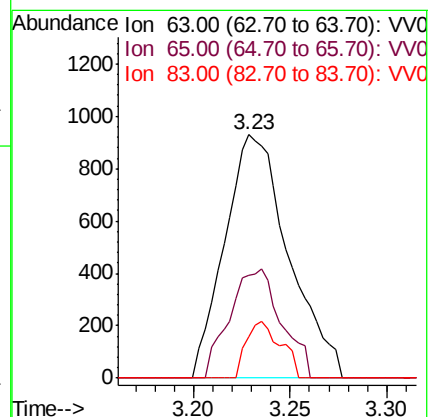
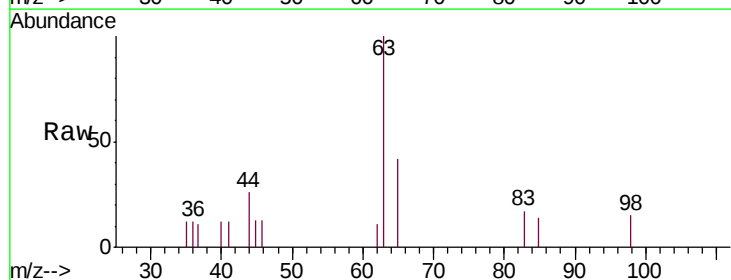
Tgt Ion: 63 Resp: 2139

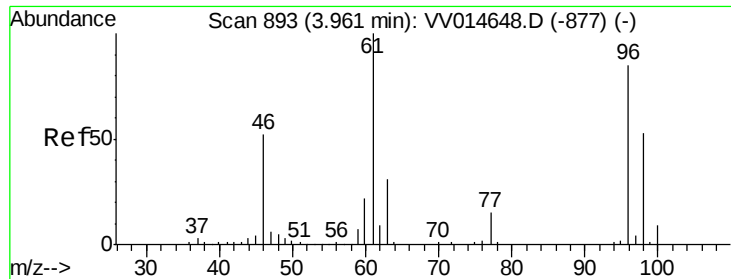
Ion Ratio Lower Upper

63 100

65 42.5 22.6 42.0#

83 17.0 10.3 19.1

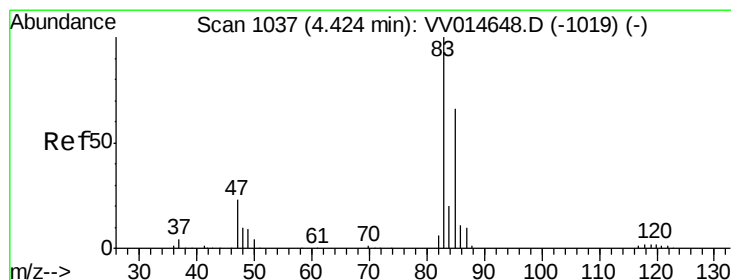
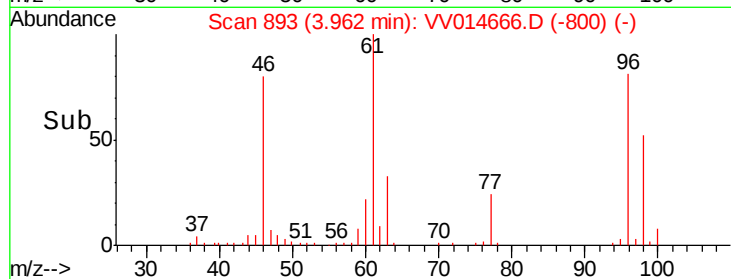
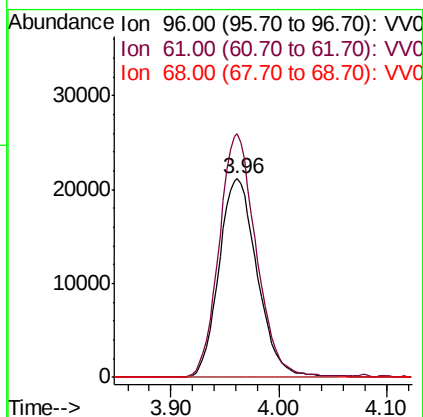
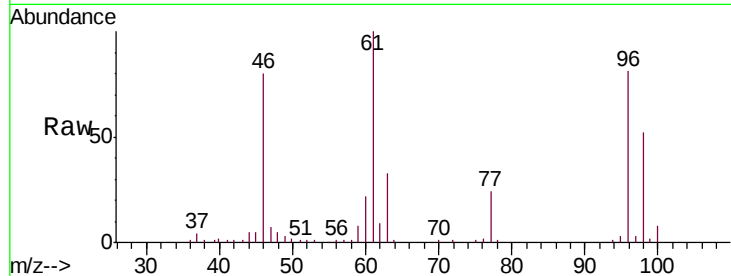




#20
 cis-1,2-Dichloroethene
 Concen: 34.067 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV014666.D
 Acq: 21 Feb 2020 20:22

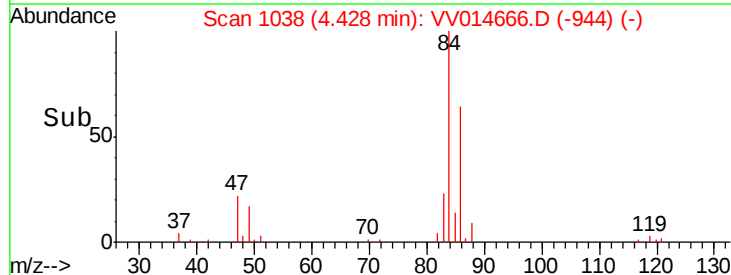
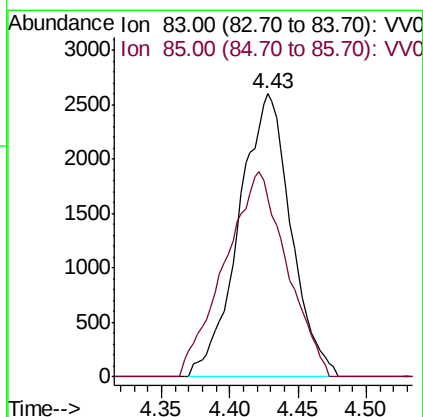
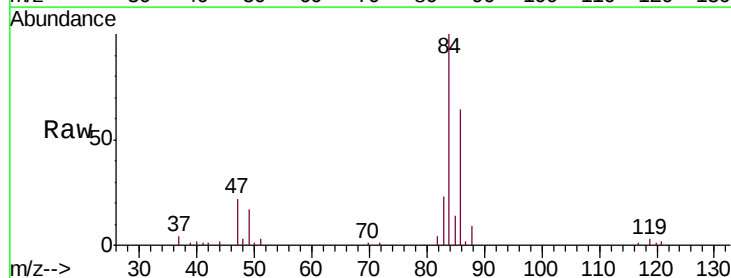
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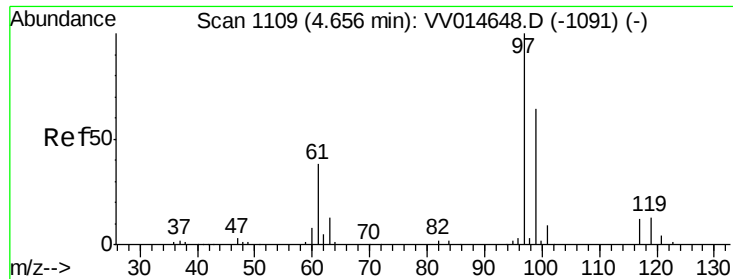
Tgt Ion: 96 Resp: 52081
 Ion Ratio Lower Upper
 96 100
 61 122.7 82.4 153.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.502 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VV014666.D
 Acq: 21 Feb 2020 20:22

Tgt Ion: 83 Resp: 6904
 Ion Ratio Lower Upper
 83 100
 85 63.2 46.1 85.7

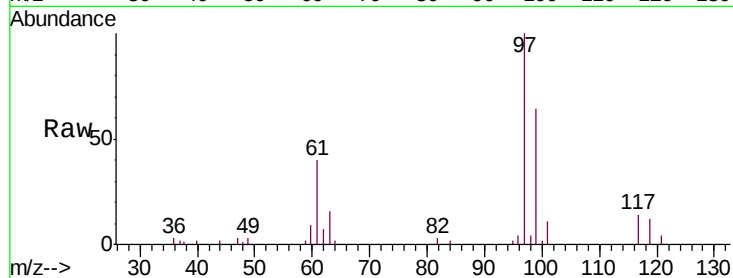




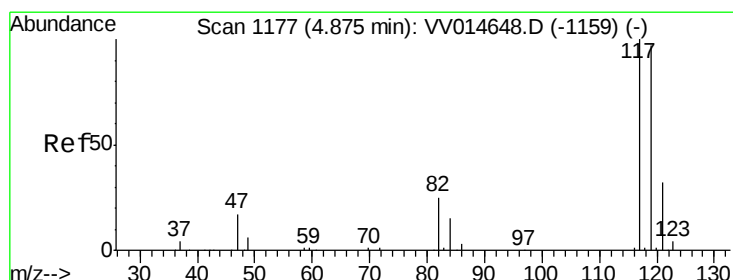
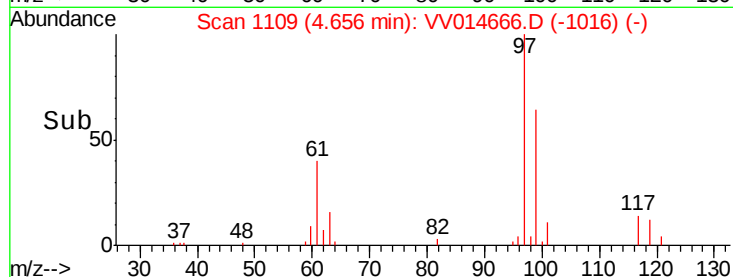
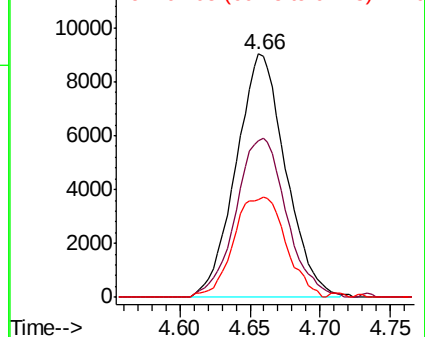
#30
 1,1,1-Trichloroethane
 Concen: 9.339 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV014666.D
 Acq: 21 Feb 2020 20:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6

Tgt Ion: 97 Resp: 22162
 Ion Ratio Lower Upper
 97 100
 99 66.7 52.0 78.0
 61 17.2 31.4 47.0#

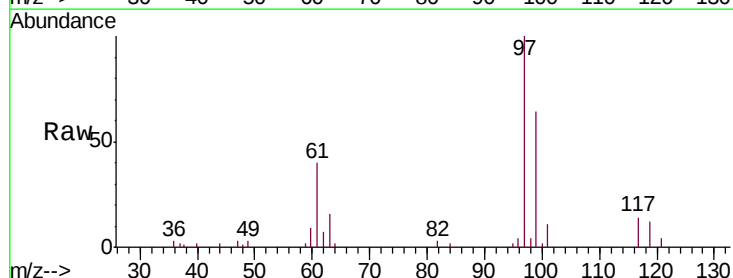


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0

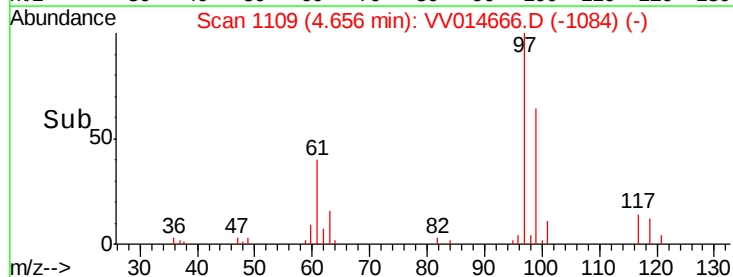
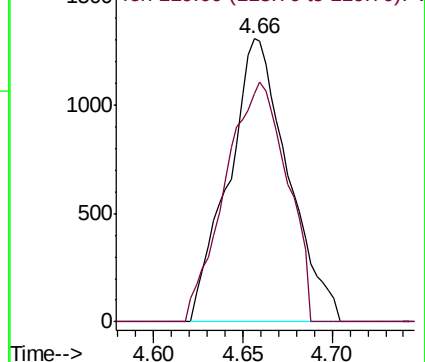


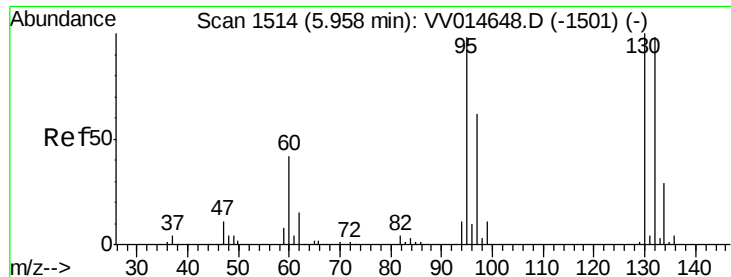
#31
 Carbon tetrachloride
 Concen: 1.446 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.22 min
 Lab File: VV014666.D
 Acq: 21 Feb 2020 20:22

Tgt Ion: 117 Resp: 3036
 Ion Ratio Lower Upper
 117 100
 119 87.8 76.9 115.3



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V

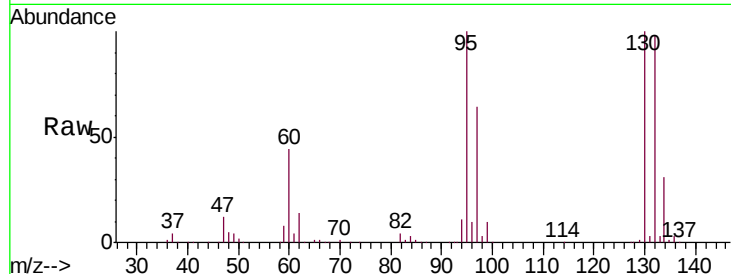




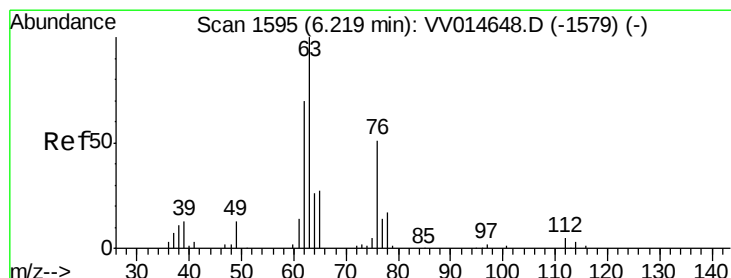
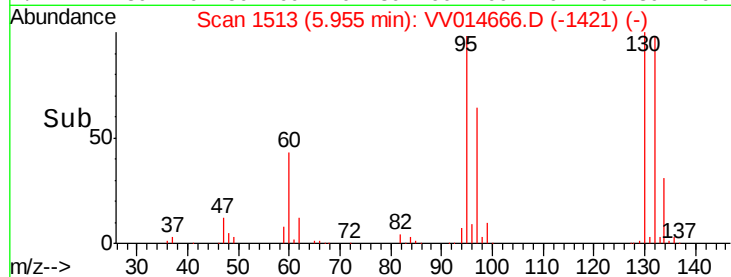
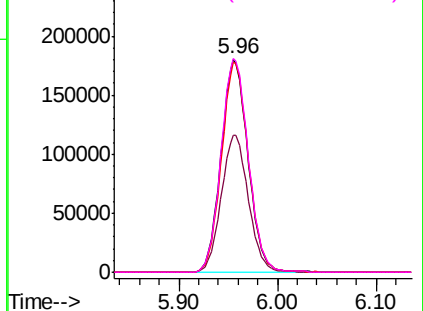
#34
 Trichloroethene
 Concen: 225.737 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VV014666.D
 Acq: 21 Feb 2020 20:22

Instrument :
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Tgt Ion: 95 Resp: 345820
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.3 82.3
 132 98.5 69.7 129.4
 130 100.3 71.3 132.5

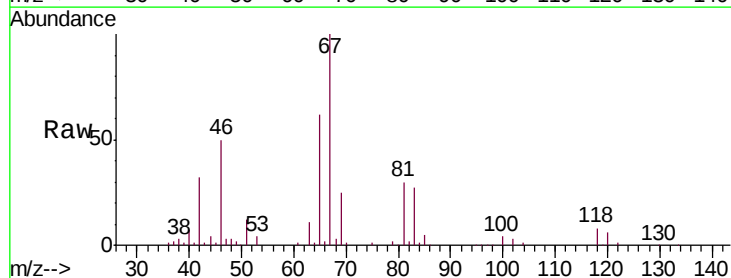


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

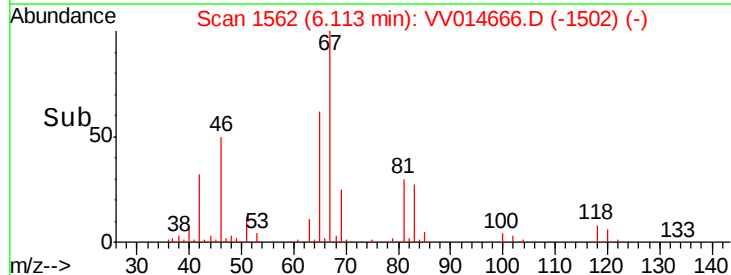
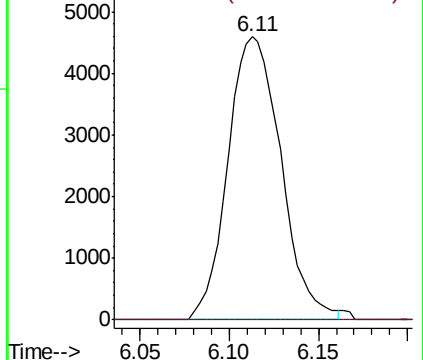


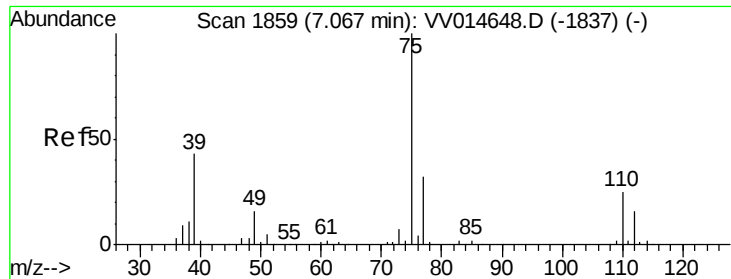
#37
 1,2-Dichloropropane
 Concen: 7.400 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV014666.D
 Acq: 21 Feb 2020 20:22

Tgt Ion: 63 Resp: 9525
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



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





#39

cis-1,3-Dichloropropene
 Concen: 1.214 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV014666.D
 Acq: 21 Feb 2020 20:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6

Tgt Ion: 75 Resp: 2791
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.4 41.6#

