

Data File : VV008918.D
Acq On : 13 Dec 2018 19:01
Operator : SY/MD
Sample : J6367-08
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL44

Quant Time: Dec 14 01:14:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 01:09:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203270	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188145	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54377	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.62%
7) Chloroethane-d5	1.57	69	40542	54.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.54%
11) 1,1-Dichloroethene-d2	2.13	63	107555	38.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.74%
21) 2-Butanone-d5	3.93	46	89323	112.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.70%
24) Chloroform-d	4.40	84	121945	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
26) 1,2-Dichloroethane-d4	5.08	65	82352	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
32) Benzene-d6	5.10	84	252790	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.12	67	76846	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.88%
41) Toluene-d8	7.36	98	232634	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%
43) trans-1,3-Dichloropropene-	7.67	79	36224	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.76%
47) 2-Hexanone-d5	8.13	63	57604	102.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.15%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95689	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	81727	50.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.30%

Target Compounds

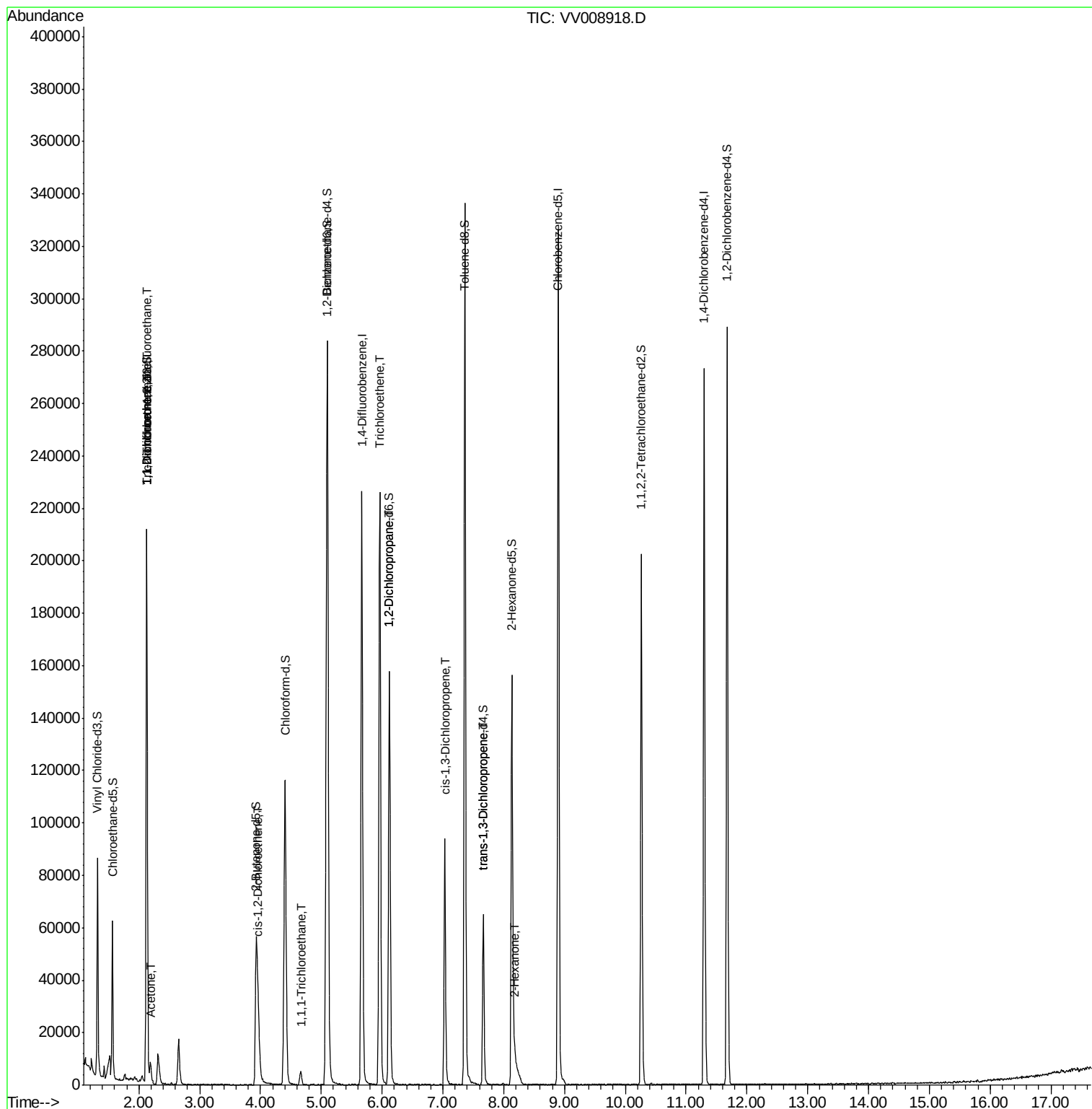
					Qvalue
9) Trichlorofluoromethane	2.13	101	1017	0.449 ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1017	0.733 ug/L #	18
12) 1,1-Dichloroethene	2.14	96	5394	4.274 ug/L #	1
13) Acetone	2.19	43	4111	3.449 ug/L	92
20) cis-1,2-Dichloroethene	3.96	96	7621	5.201 ug/L	98
30) 1,1,1-Trichloroethane	4.67	97	4544	1.971 ug/L	95
34) Trichloroethene	5.96	95	78059	52.138 ug/L	98
37) 1,2-Dichloropropane	6.12	63	8817	6.576 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2230	1.043 ug/L #	74
44) trans-1,3-Dichloropropene	7.67	75	1576	0.791 ug/L	88
48) 2-Hexanone	8.19	43	3406	2.640 ug/L #	47

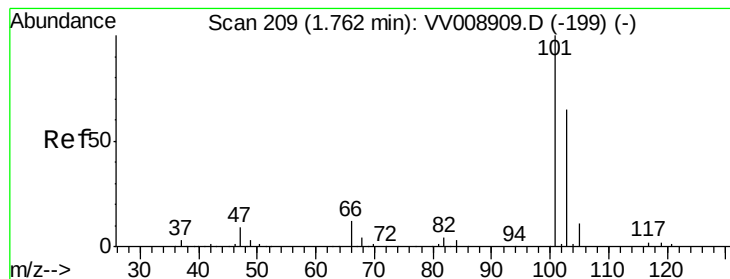
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.449 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008918.D

Acq: 13 Dec 2018 19:01

Instrument :

MSVOA_V

ClientSampleId :

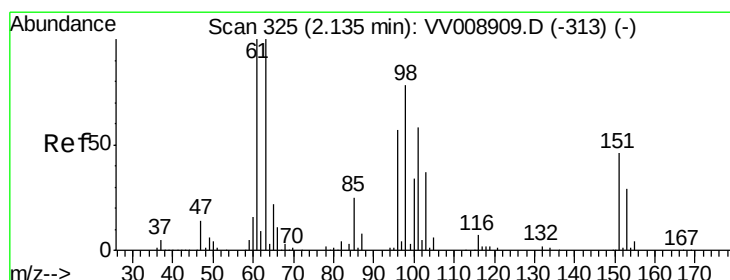
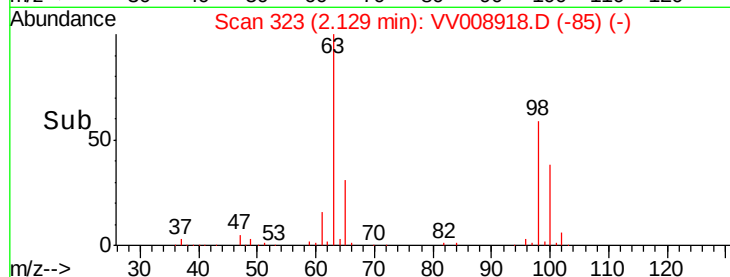
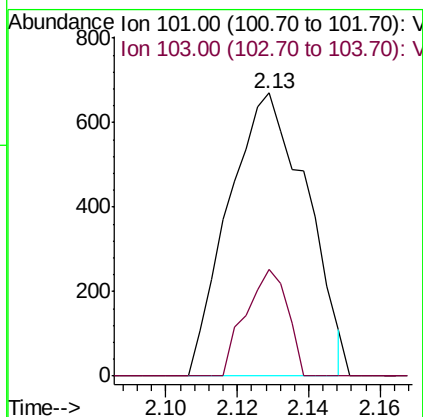
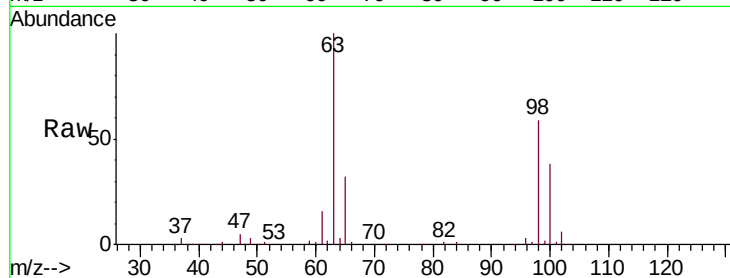
C0L44

Tgt Ion:101 Resp: 1017

Ion Ratio Lower Upper

101 100

103 20.2 51.5 77.3#



#10

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

Concen: 0.733 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008918.D

Acq: 13 Dec 2018 19:01

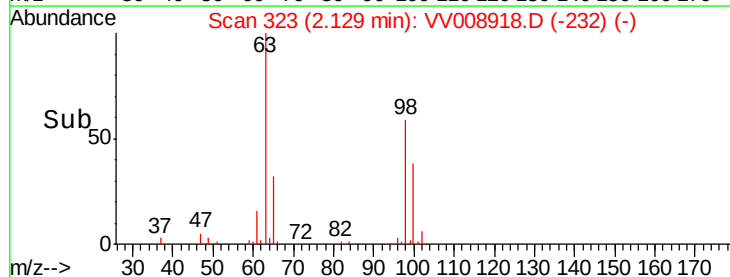
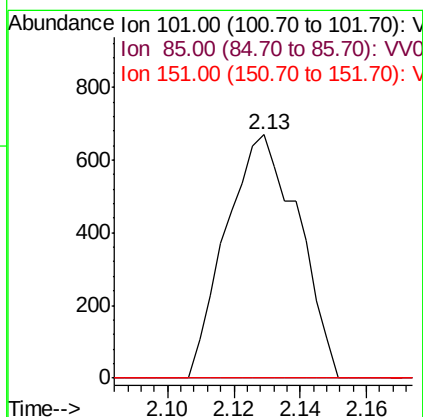
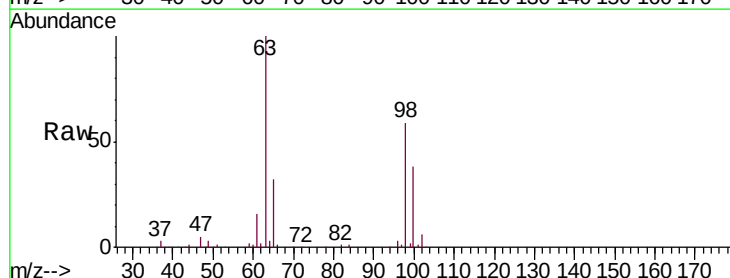
Tgt Ion:101 Resp: 1017

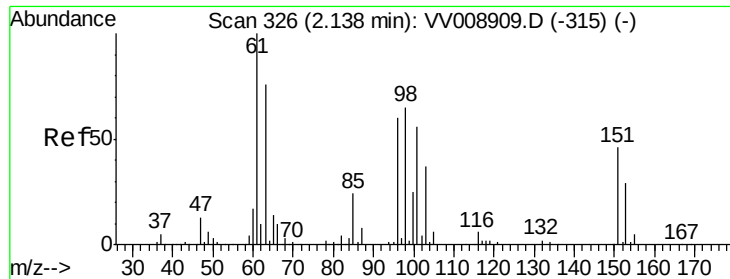
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#





#12

1,1-Dichloroethene

Concen: 4.274 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV008918.D

Acq: 13 Dec 2018 19:01

Instrument :

MSVOA_V

ClientSampleId :

COL44

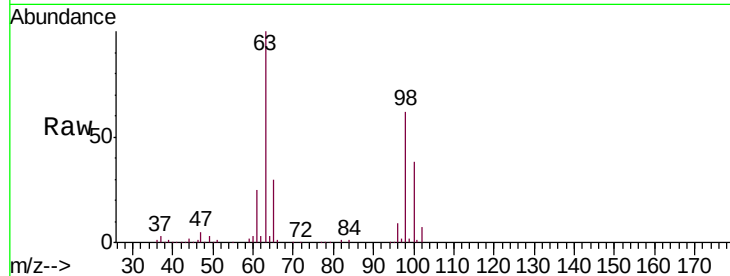
Tgt Ion: 96 Resp: 5394

Ion Ratio Lower Upper

96 100

61 273.6 119.1 221.3#

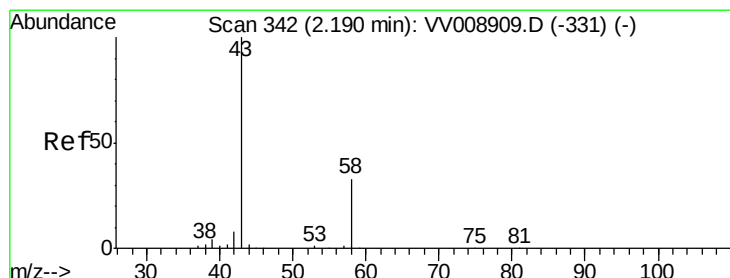
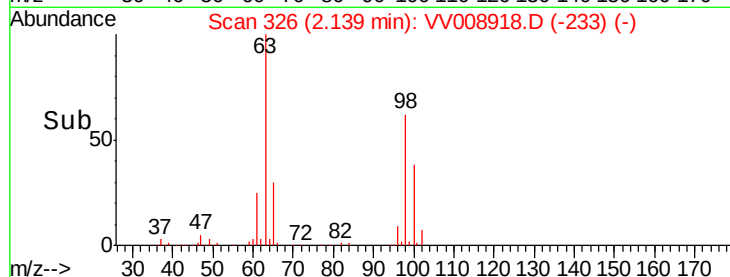
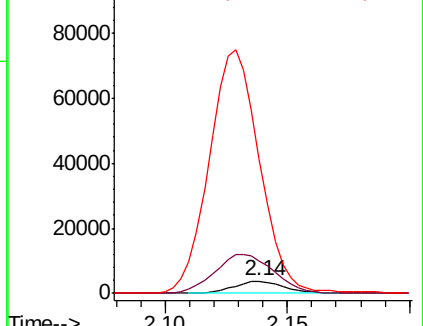
63 1112.1 96.0 178.2#



Abundance Ion 96.00 (95.70 to 96.70): VV008918.D (-233) (-)

Ion 61.00 (60.70 to 61.70): VV008918.D (-233) (-)

Ion 63.00 (62.70 to 63.70): VV008918.D (-233) (-)



#13

Acetone

Concen: 3.449 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008918.D

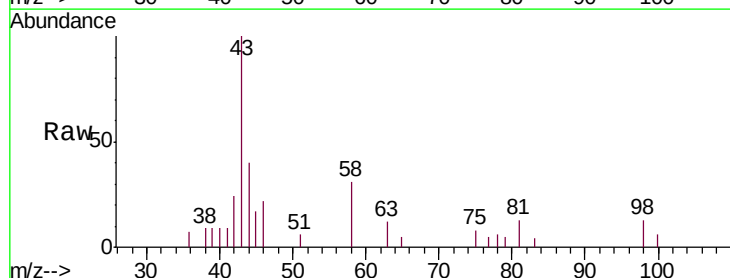
Acq: 13 Dec 2018 19:01

Tgt Ion: 43 Resp: 4111

Ion Ratio Lower Upper

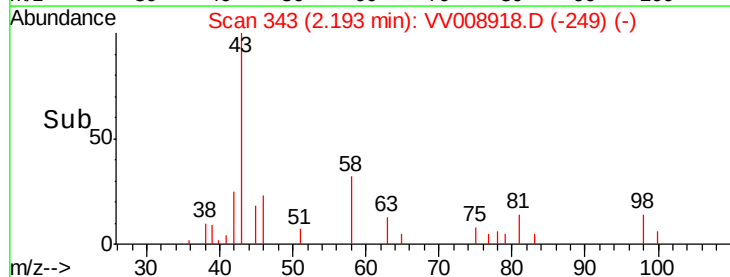
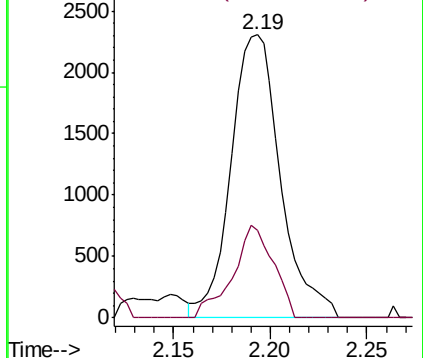
43 100

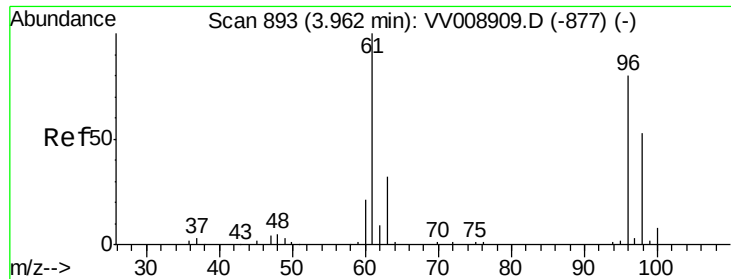
58 26.7 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VV008918.D (-249) (-)

Ion 58.00 (57.70 to 58.70): VV008918.D (-249) (-)

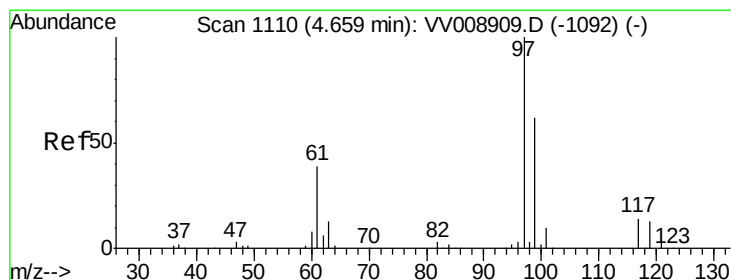
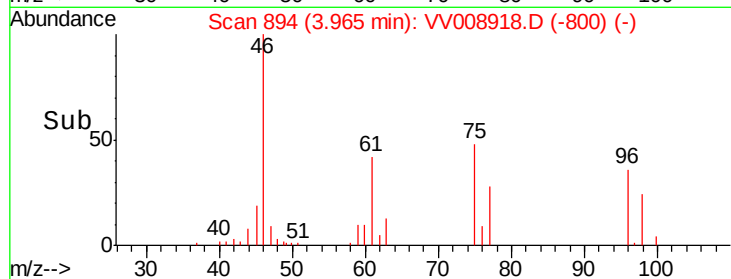
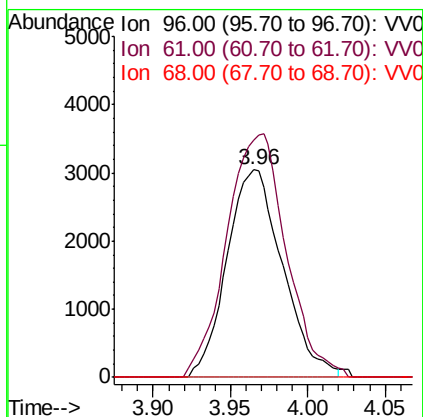
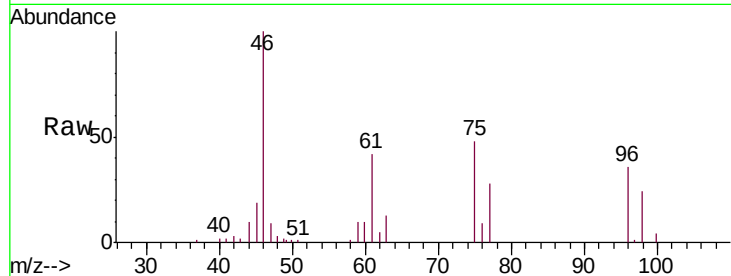




#20
 cis-1,2-Dichloroethene
 Concen: 5.201 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV008918.D
 Acq: 13 Dec 2018 19:01

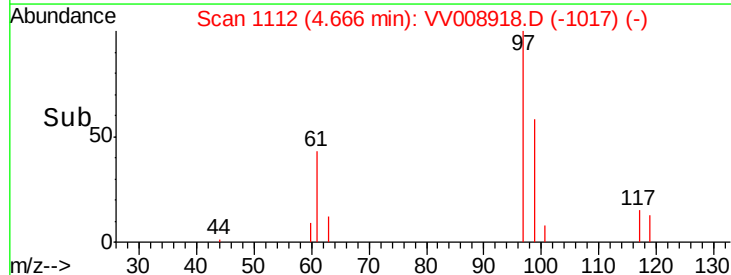
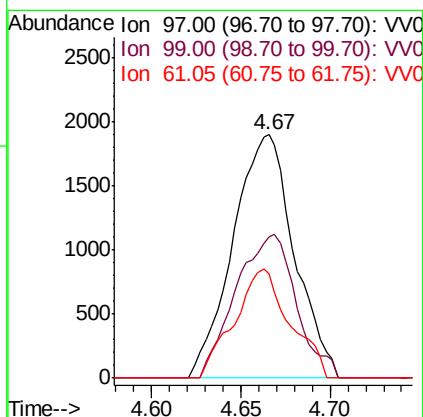
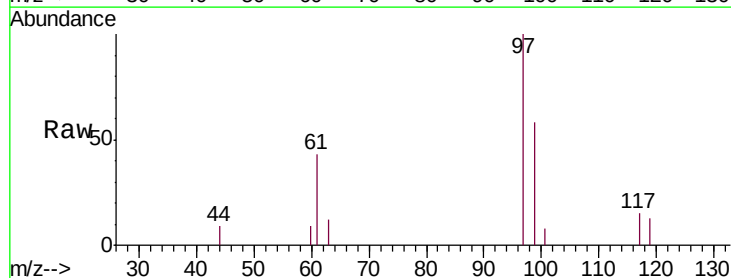
Instrument :
 MSVOA_V
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 COL44

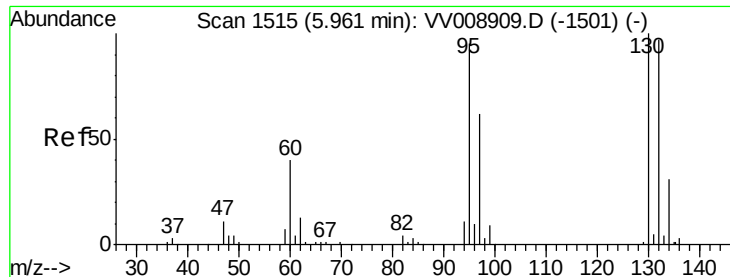
Tgt Ion: 96 Resp: 7621
 Ion Ratio Lower Upper
 96 100
 61 114.7 81.9 152.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.971 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VV008918.D
 Acq: 13 Dec 2018 19:01

Tgt Ion: 97 Resp: 4544
 Ion Ratio Lower Upper
 97 100
 99 58.3 51.7 77.5
 61 40.8 32.5 48.7





#34

Trichloroethene

Concen: 52.138 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008918.D

Acq: 13 Dec 2018 19:01

Instrument :

MSVOA_V

ClientSampleId :

COL44

Tgt Ion: 95 Resp: 78059

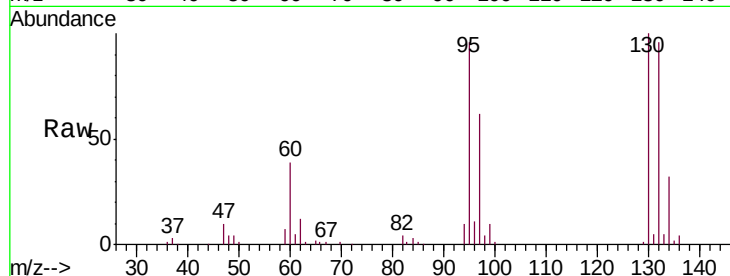
Ion Ratio Lower Upper

95 100

97 64.6 45.7 84.9

132 100.0 72.2 134.2

130 104.6 73.8 137.2

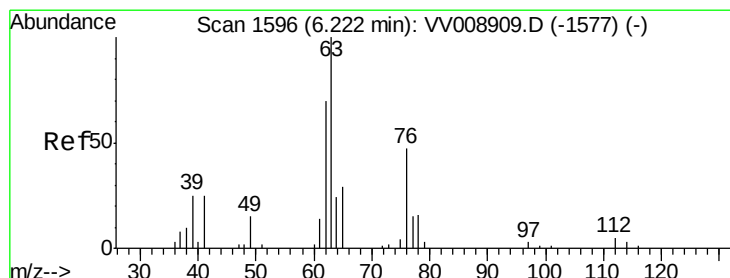
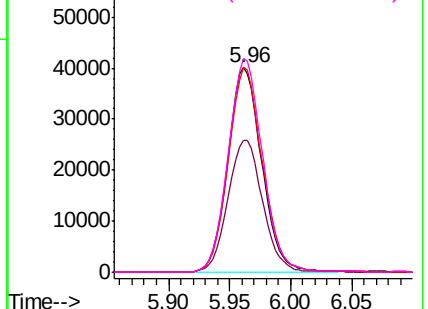
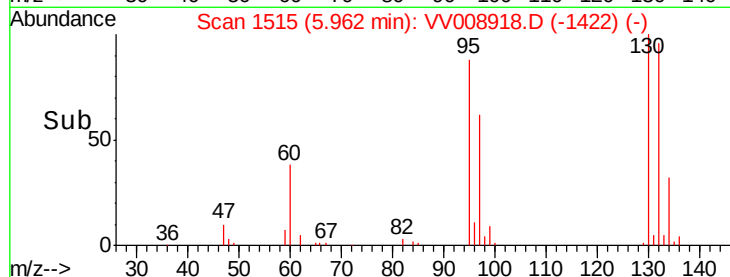


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#37

1,2-Dichloropropane

Concen: 6.576 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008918.D

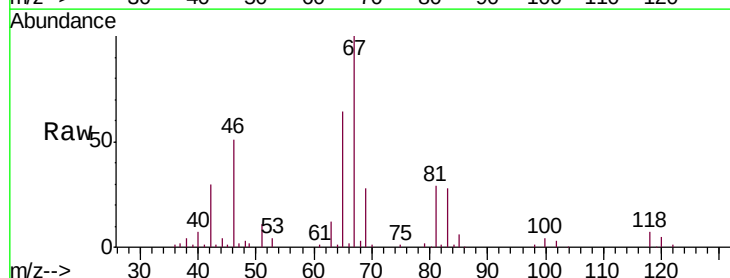
Acq: 13 Dec 2018 19:01

Tgt Ion: 63 Resp: 8817

Ion Ratio Lower Upper

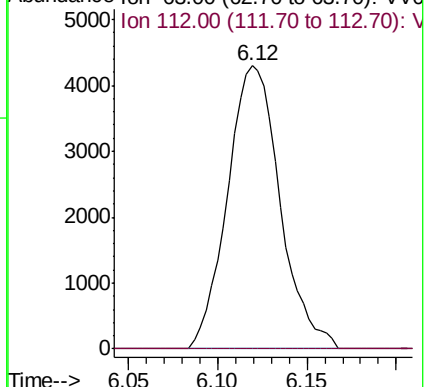
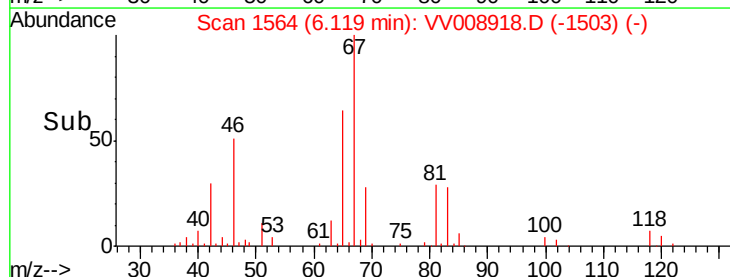
63 100

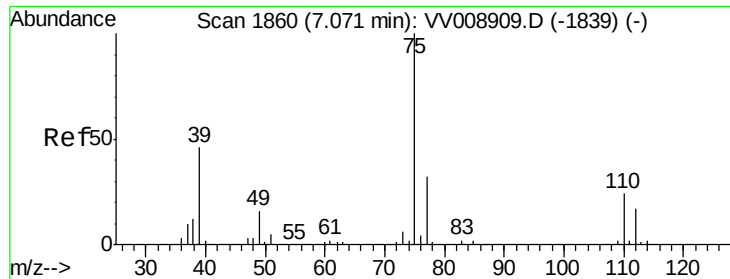
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

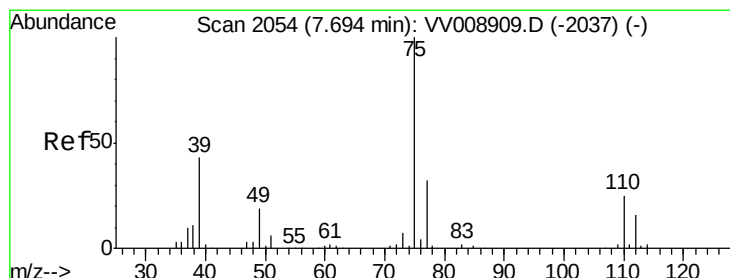
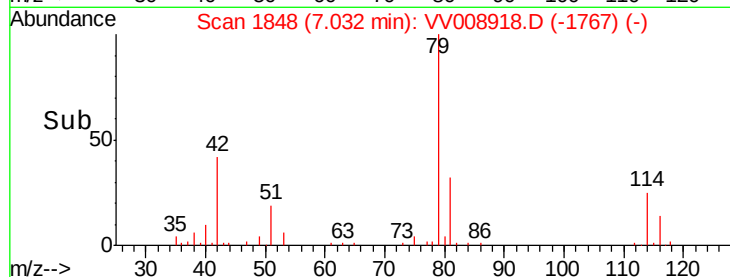
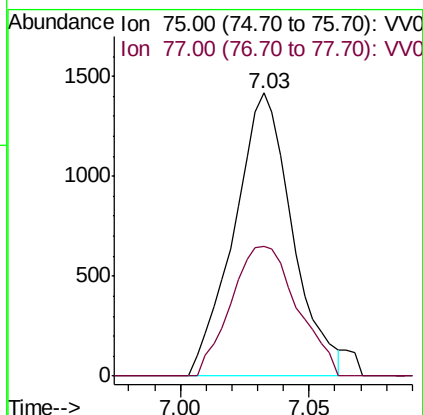
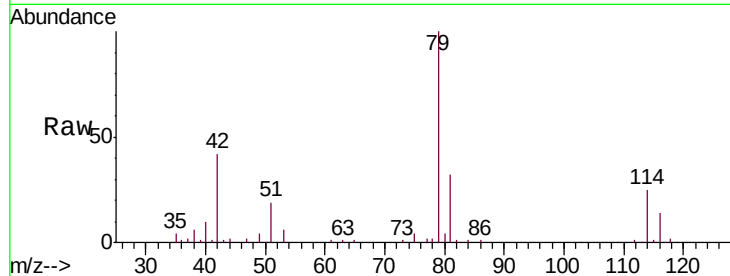




#39
 cis-1,3-Dichloropropene
 Concen: 1.043 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008918.D
 Acq: 13 Dec 2018 19:01

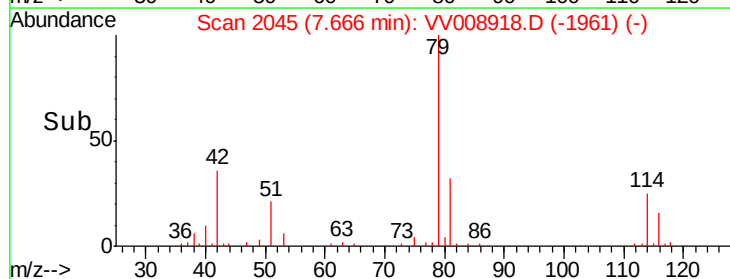
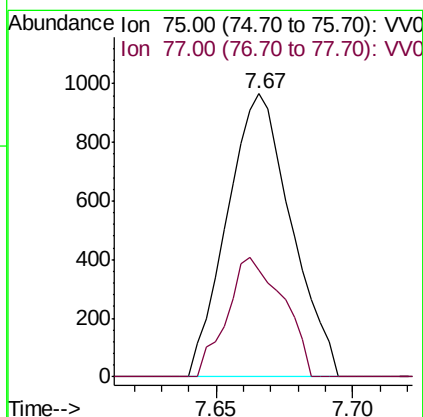
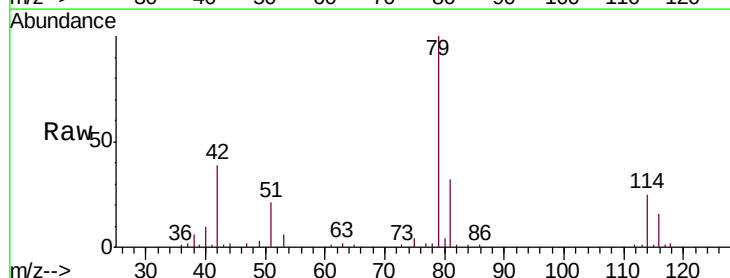
Instrument :
 MSVOA_V
 ClientSampleId :
 COL44

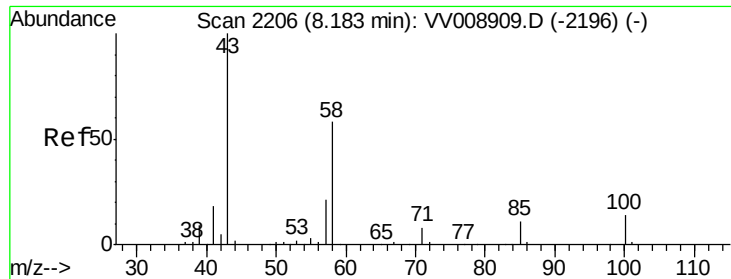
Tgt Ion: 75 Resp: 2230
 Ion Ratio Lower Upper
 75 100
 77 45.7 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.791 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008918.D
 Acq: 13 Dec 2018 19:01

Tgt Ion: 75 Resp: 1576
 Ion Ratio Lower Upper
 75 100
 77 37.6 21.6 40.2





#48

2-Hexanone

Concen: 2.640 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV008918.D

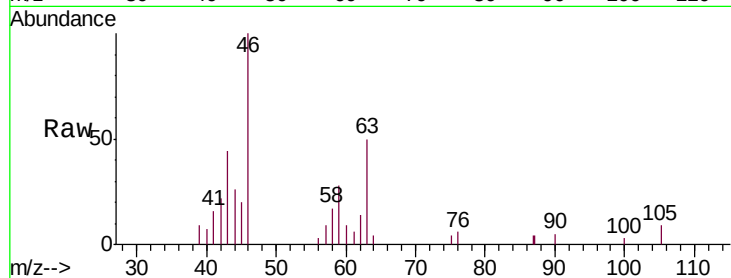
Acq: 13 Dec 2018 19:01

Instrument :

MSVOA_V

ClientSampleId :

COL44



Tgt Ion: 43 Resp: 3406

Ion Ratio Lower Upper

43 100

58 0.0 42.7 64.1#

57 14.9 15.7 23.5#

100 1.2 11.3 16.9#

