

Data File : VV008917.D
Acq On : 13 Dec 2018 18:37
Operator : SY/MD
Sample : J6367-07
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL43

Quant Time: Dec 14 01:14:37 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	205470	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186288	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77996	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54793	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.32%
7) Chloroethane-d5	1.56	69	40914	54.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.36%
11) 1,1-Dichloroethene-d2	2.13	63	105987	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.80%
21) 2-Butanone-d5	3.93	46	86001	107.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.35%
24) Chloroform-d	4.40	84	122046	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
26) 1,2-Dichloroethane-d4	5.08	65	81770	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
32) Benzene-d6	5.10	84	256466	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
36) 1,2-Dichloropropane-d6	6.12	67	77140	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.28%
41) Toluene-d8	7.36	98	232752	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%
43) trans-1,3-Dichloropropene-	7.67	79	36760	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.10%
47) 2-Hexanone-d5	8.13	63	60099	107.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95833	49.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	81873	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

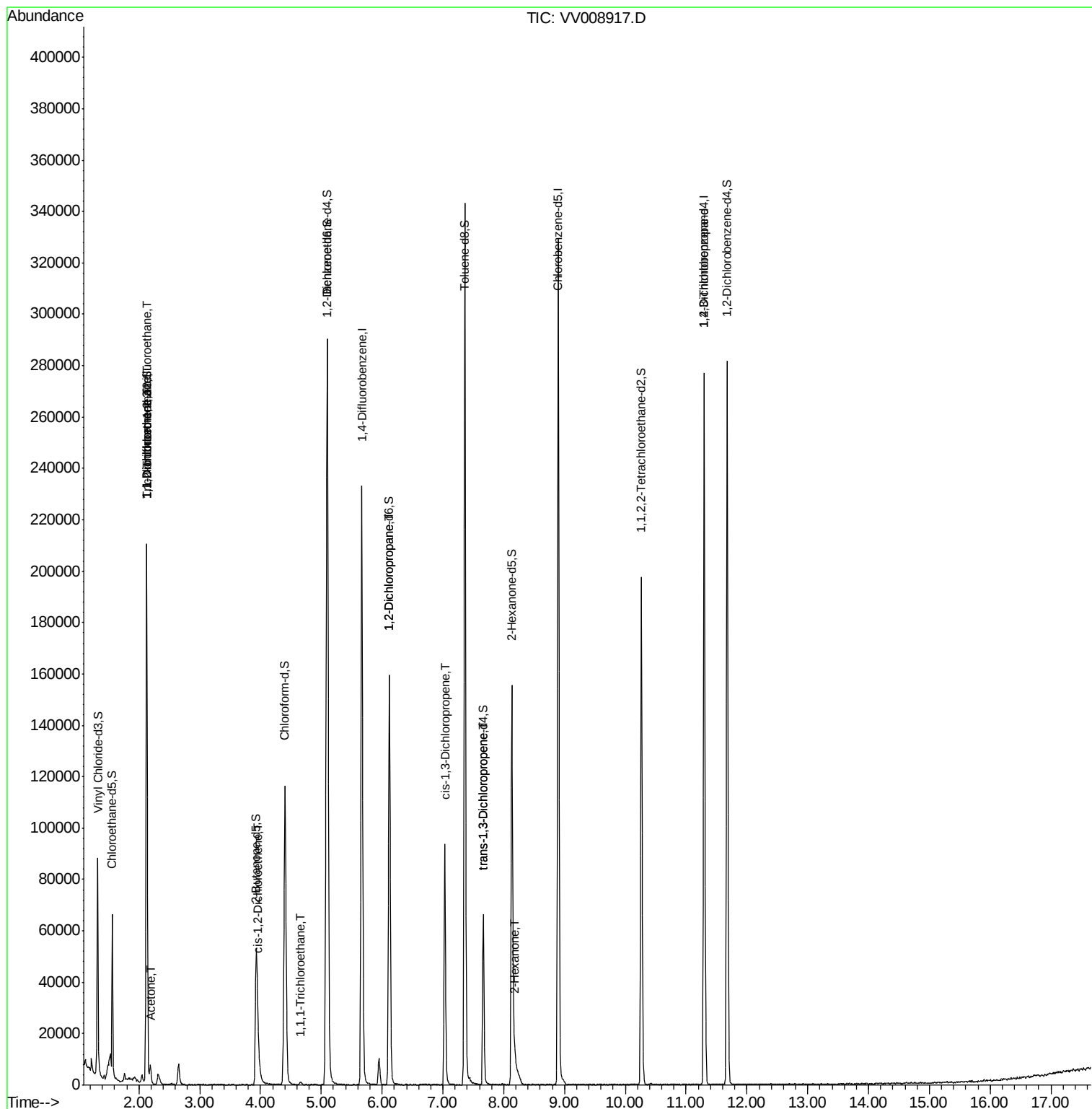
					Qvalue	
9) Trichlorofluoromethane	2.13	101	858	0.374	ug/L #	36
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	858	0.612	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	3310	2.594	ug/L #	1
13) Acetone	2.19	43	3429	2.846	ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	2780	1.877	ug/L	95
30) 1,1,1-Trichloroethane	4.66	97	1127	0.494	ug/L #	79
37) 1,2-Dichloropropane	6.12	63	8856	6.671	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2251	1.063	ug/L #	64
44) trans-1,3-Dichloropropene	7.66	75	1762	0.893	ug/L #	79
48) 2-Hexanone	8.18	43	2652	2.076	ug/L #	49
59) 1,2,3-Trichloropropane	11.30	75	8245	4.932	ug/L #	88

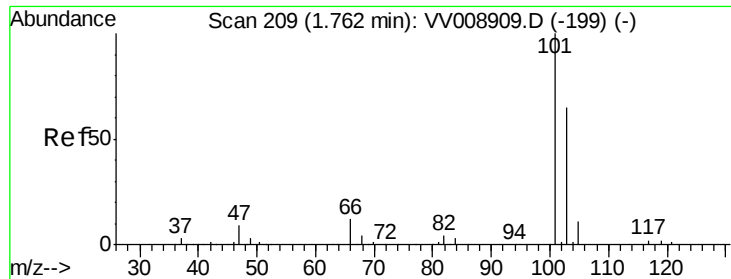
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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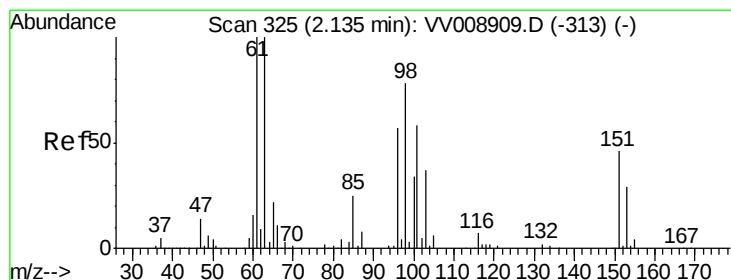
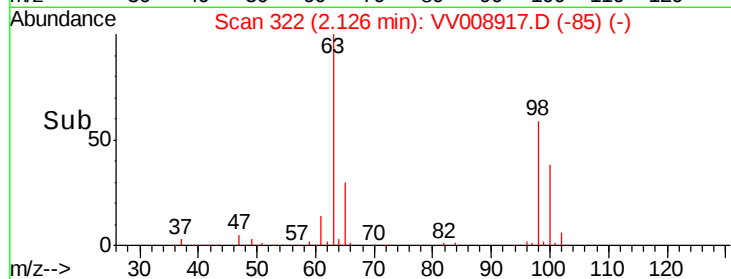
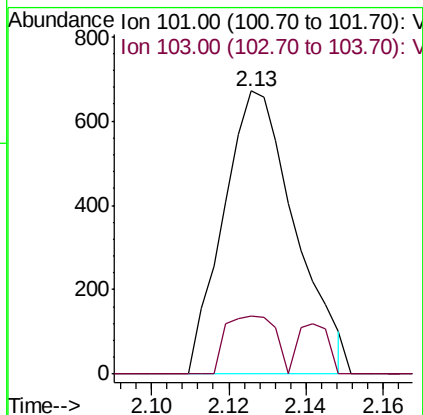
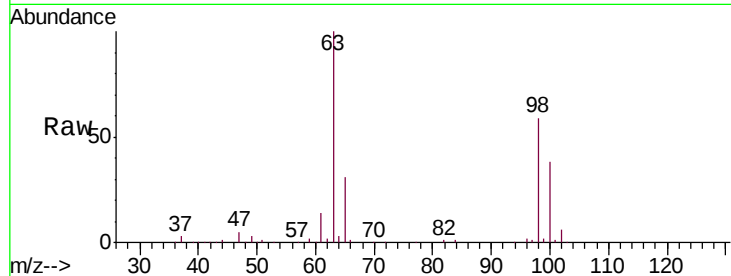


#9

Trichlorofluoromethane
 Concen: 0.374 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV008917.D
 Acq: 13 Dec 2018 18:37

Instrument :
 MSVOA_V
 ClientSampleId :
 COL43

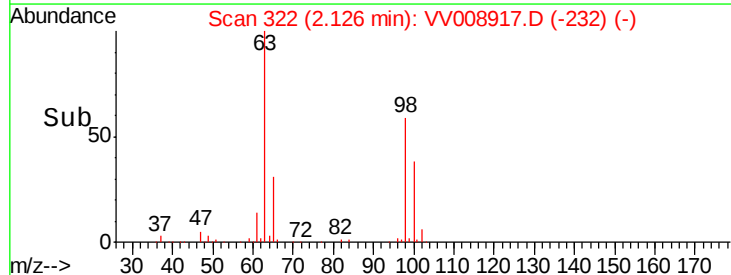
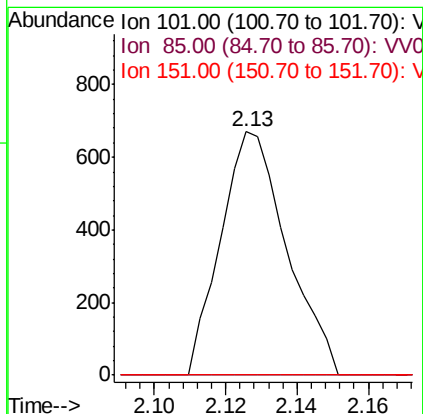
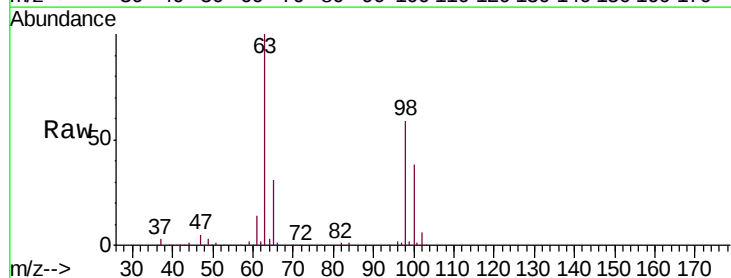
Tgt Ion:101 Resp: 858
 Ion Ratio Lower Upper
 101 100
 103 14.3 51.5 77.3#

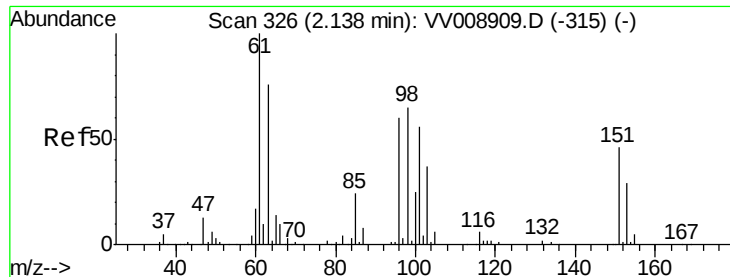


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.612 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008917.D
 Acq: 13 Dec 2018 18:37

Tgt Ion:101 Resp: 858
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

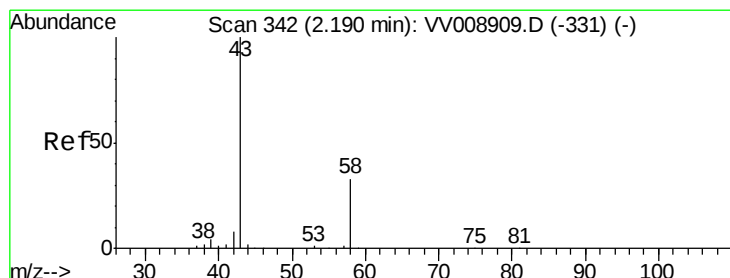
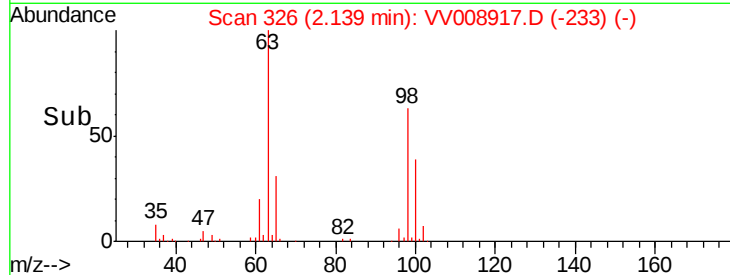
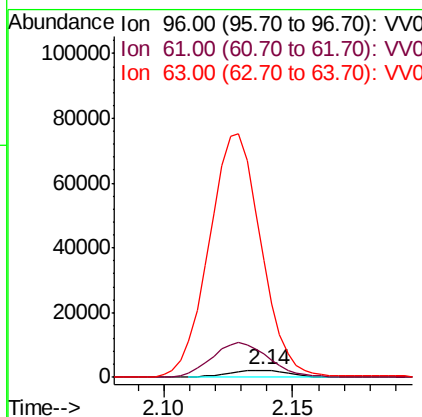
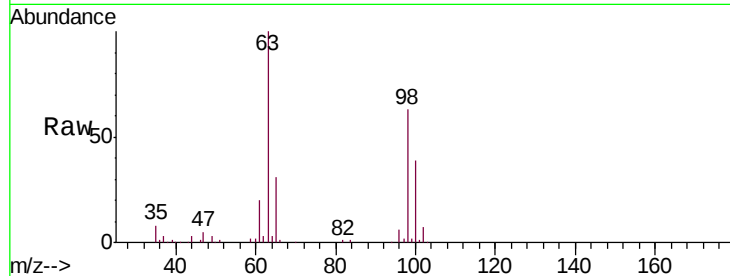




#12
 1,1-Dichloroethene
 Concen: 2.594 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV008917.D
 Acq: 13 Dec 2018 18:37

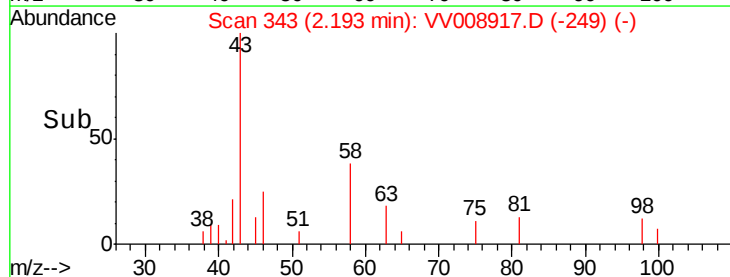
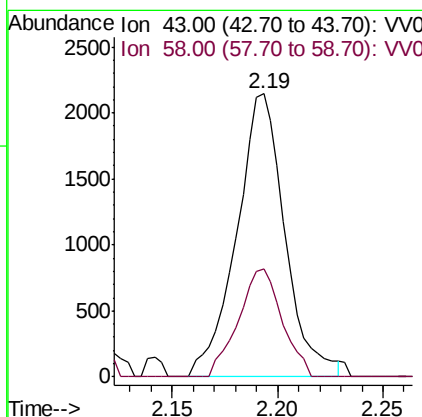
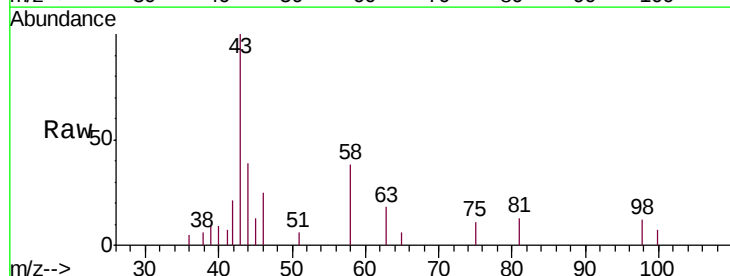
Instrument :
 MSVOA_V
 ClientSampleId :
 COL43

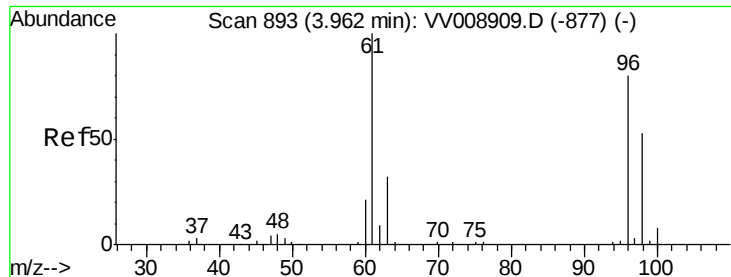
Tgt Ion: 96 Resp: 3310
 Ion Ratio Lower Upper
 96 100
 61 331.0 119.1 221.3#
 63 1684.0 96.0 178.2#



#13
 Acetone
 Concen: 2.846 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008917.D
 Acq: 13 Dec 2018 18:37

Tgt Ion: 43 Resp: 3429
 Ion Ratio Lower Upper
 43 100
 58 34.1 0.0 61.8

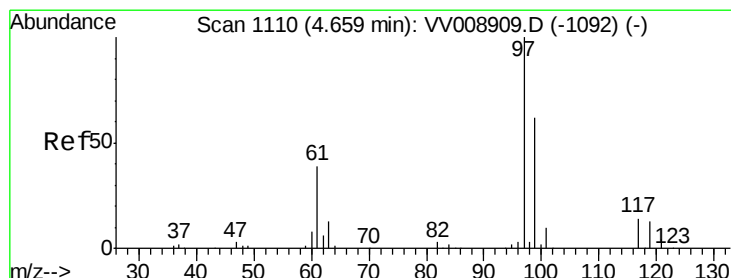
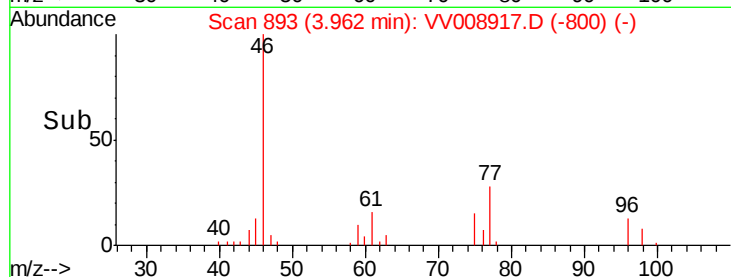
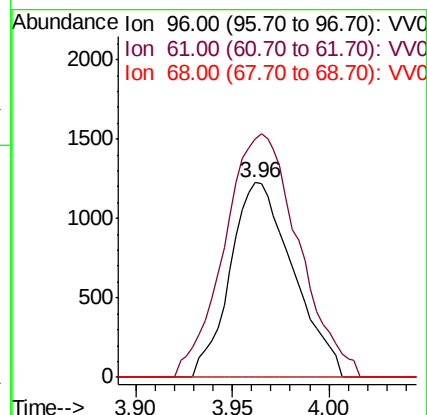
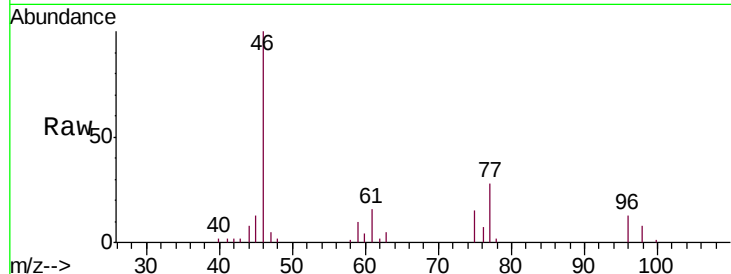




#20
 cis-1,2-Dichloroethene
 Concen: 1.877 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV008917.D
 Acq: 13 Dec 2018 18:37

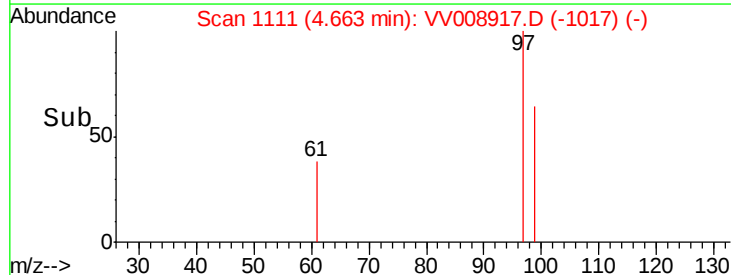
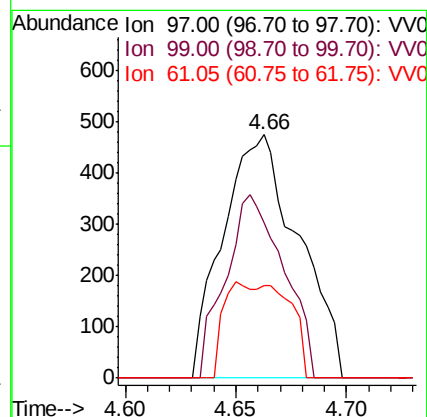
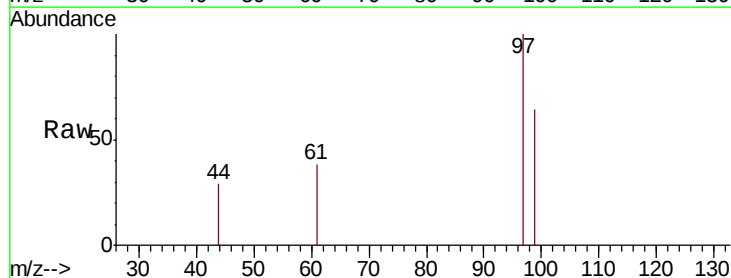
Instrument :
 MSVOA_V
 ClientSampleId :
 COL43

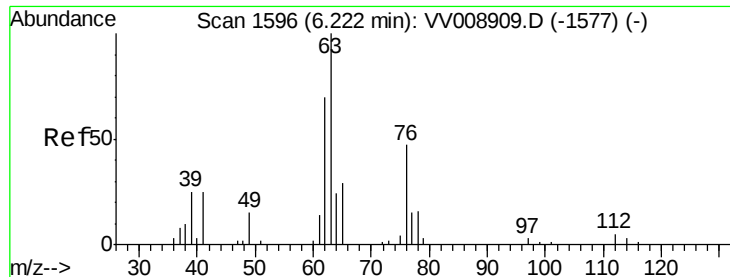
Tgt Ion: 96 Resp: 2780
 Ion Ratio Lower Upper
 96 100
 61 122.7 81.9 152.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 0.494 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VV008917.D
 Acq: 13 Dec 2018 18:37

Tgt Ion: 97 Resp: 1127
 Ion Ratio Lower Upper
 97 100
 99 58.2 51.7 77.5
 61 14.3 32.5 48.7#

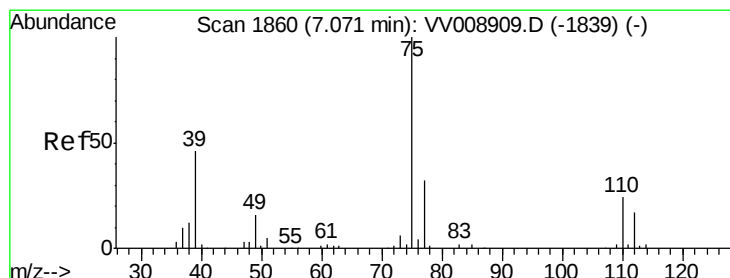
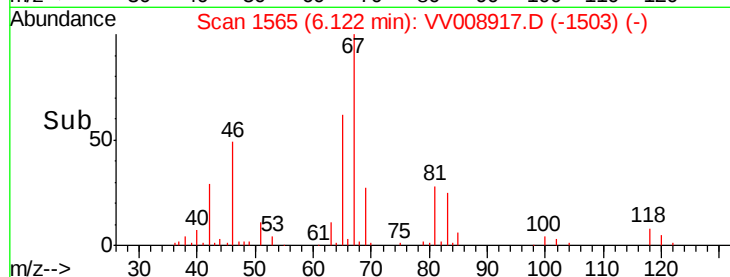
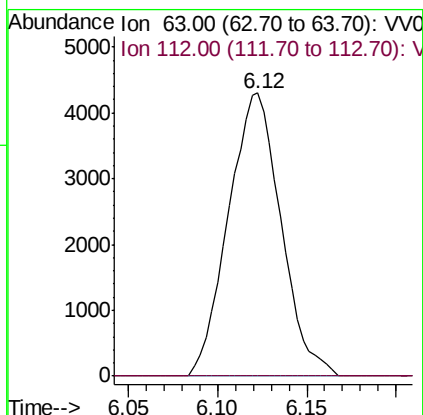
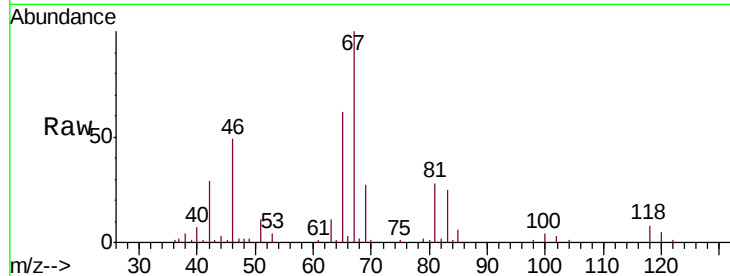




#37
 1,2-Dichloropropane
 Concen: 6.671 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008917.D
 Acq: 13 Dec 2018 18:37

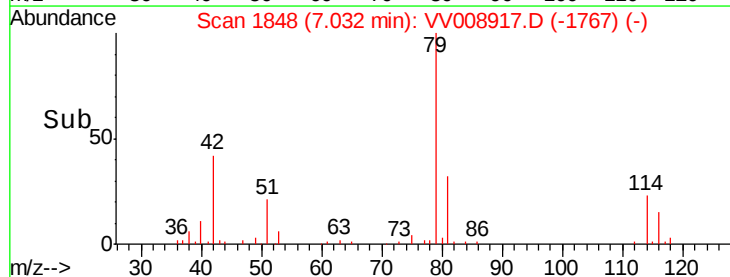
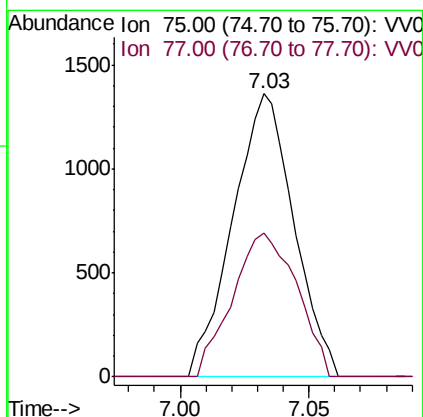
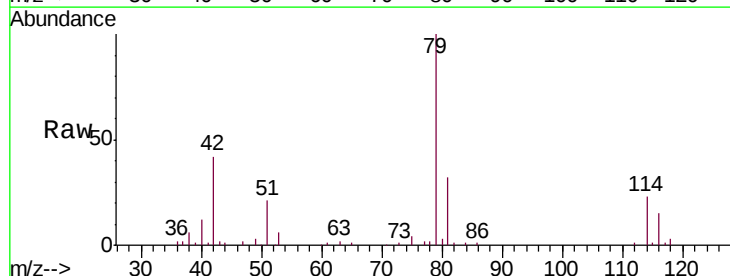
Instrument :
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 ClientSampleId :
 COL43

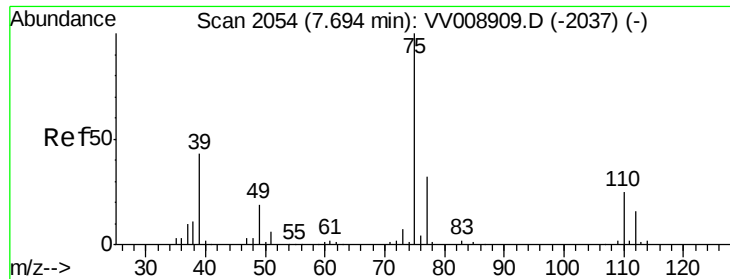
Tgt Ion: 63 Resp: 8856
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.063 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008917.D
 Acq: 13 Dec 2018 18:37

Tgt Ion: 75 Resp: 2251
 Ion Ratio Lower Upper
 75 100
 77 50.8 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.893 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008917.D

Acq: 13 Dec 2018 18:37

Instrument :

MSVOA_V

ClientSampled :

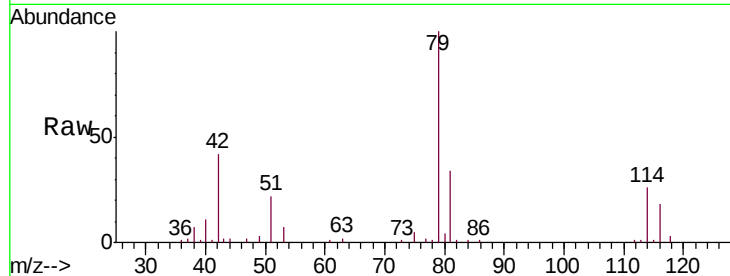
COL43

Tgt Ion: 75 Resp: 1762

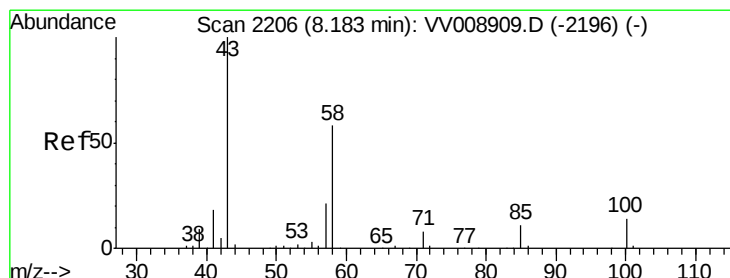
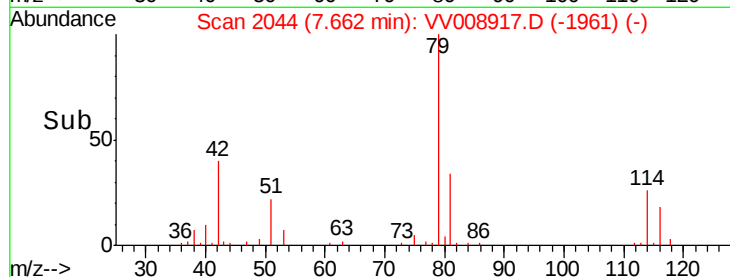
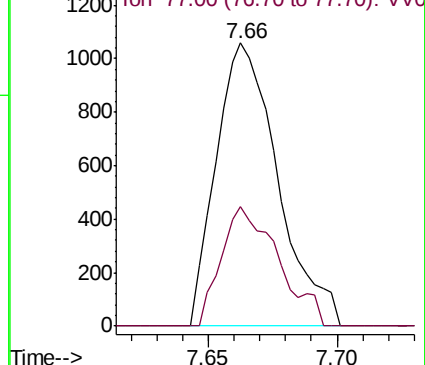
Ion Ratio Lower Upper

75 100

77 42.3 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV008917.D (-2037) (-)



#48

2-Hexanone

Concen: 2.076 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV008917.D

Acq: 13 Dec 2018 18:37

Tgt Ion: 43 Resp: 2652

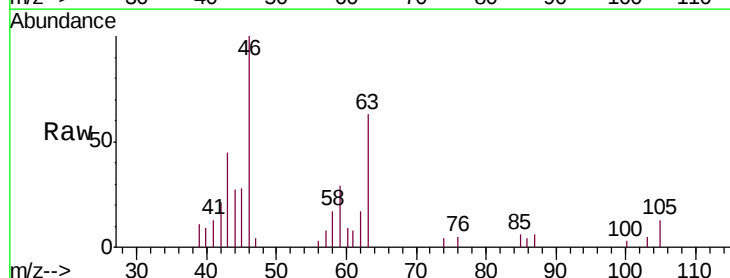
Ion Ratio Lower Upper

43 100

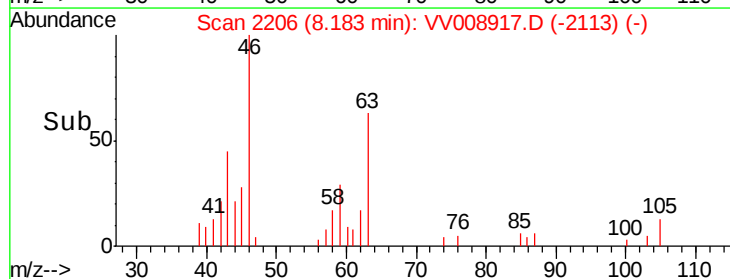
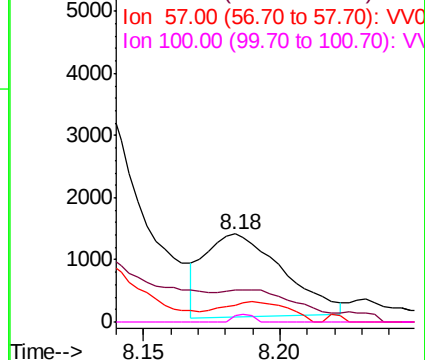
58 0.0 42.7 64.1#

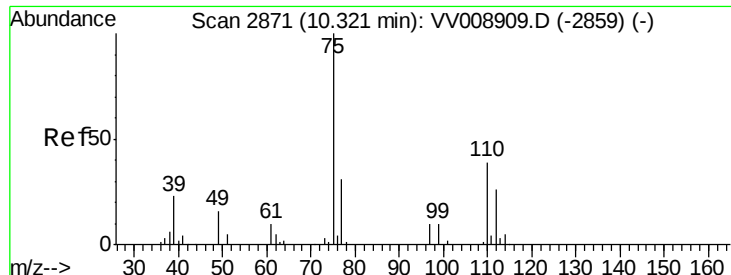
57 21.0 15.7 23.5

100 2.4 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008917.D (-2196) (-)





#59

1,2,3-Trichloropropane

Concen: 4.932 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008917.D

Acq: 13 Dec 2018 18:37

Instrument :

MSVOA_V

ClientSampleId :

COL43

Tgt Ion: 75 Resp: 8245

Ion Ratio Lower Upper

75 100

77 39.2 25.8 38.8#

