

Data File : VV008919.D
Acq On : 13 Dec 2018 19:25
Operator : SY/MD
Sample : J6367-09
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL45

Quant Time: Dec 14 01:14:57 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	202761	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184091	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76669	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55161	46.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.16%
7) Chloroethane-d5	1.56	69	41138	55.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.13	63	106872	38.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.44%
21) 2-Butanone-d5	3.93	46	86908	109.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.93%
24) Chloroform-d	4.40	84	123886	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
26) 1,2-Dichloroethane-d4	5.08	65	81323	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
32) Benzene-d6	5.10	84	255271	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
36) 1,2-Dichloropropane-d6	6.12	67	76498	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.64%
41) Toluene-d8	7.36	98	233398	50.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.24%
43) trans-1,3-Dichloropropene-	7.67	79	36583	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.78%
47) 2-Hexanone-d5	8.13	63	60216	109.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96998	50.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	82731	52.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.64%

Target Compounds

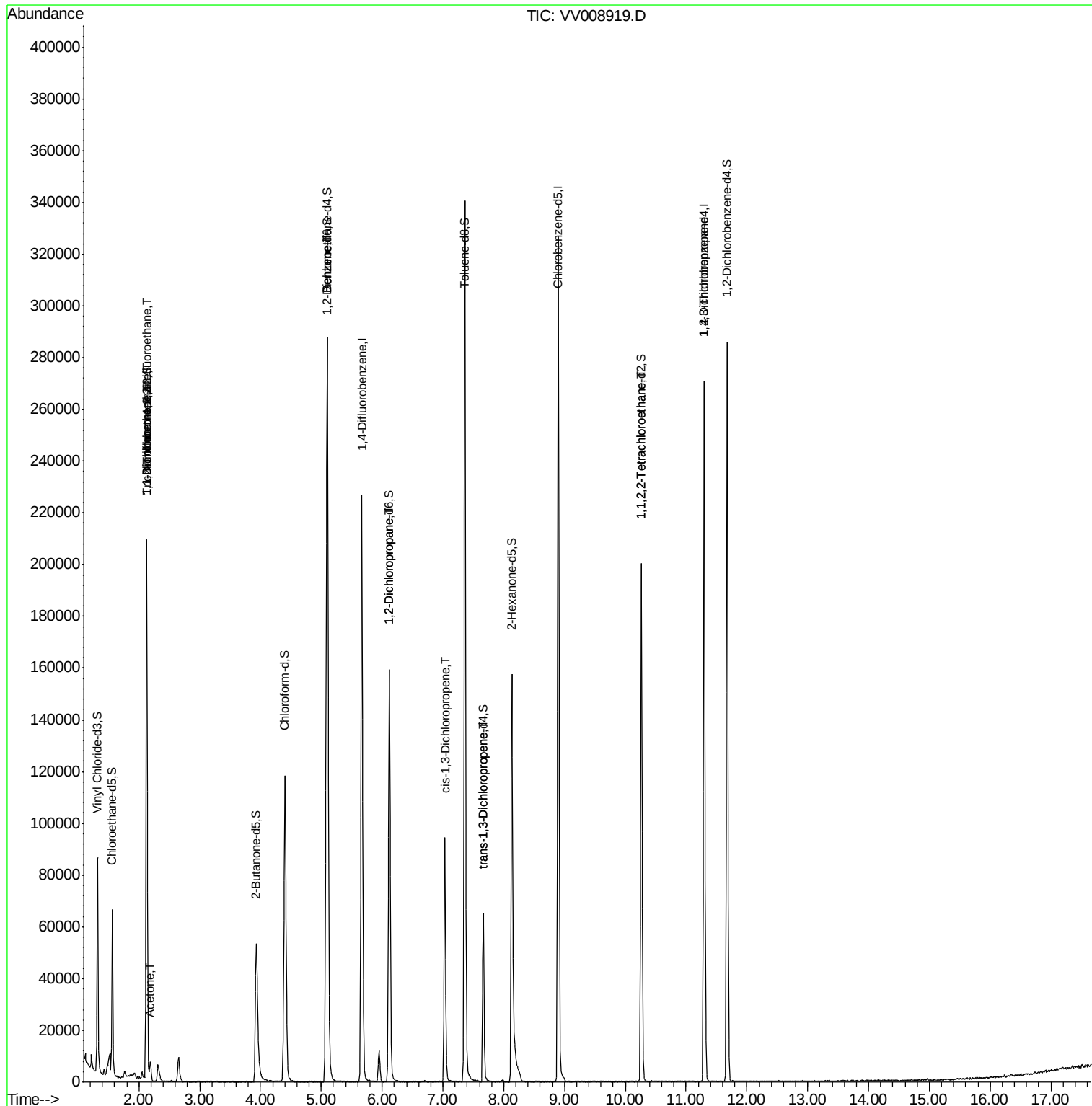
					Qvalue
9) Trichlorofluoromethane	2.13	101	940	0.416 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	940	0.679 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1089	0.865 ug/L #	1
13) Acetone	2.19	43	3666	3.084 ug/L	95
33) Benzene	5.10	78	2198	0.433 ug/L	100
37) 1,2-Dichloropropane	6.12	63	8520	6.494 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	2155	1.030 ug/L #	59
44) trans-1,3-Dichloropropene	7.67	75	1759	0.902 ug/L #	76
58) 1,1,2,2-Tetrachloroethane	10.27	83	765	0.392 ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	7858	4.756 ug/L	91

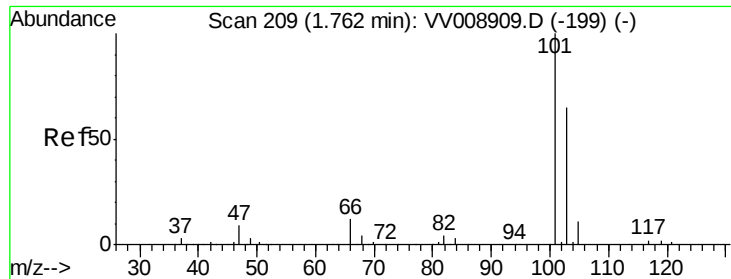
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.416 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008919.D

Acq: 13 Dec 2018 19:25

Instrument :

MSVOA_V

ClientSampleId :

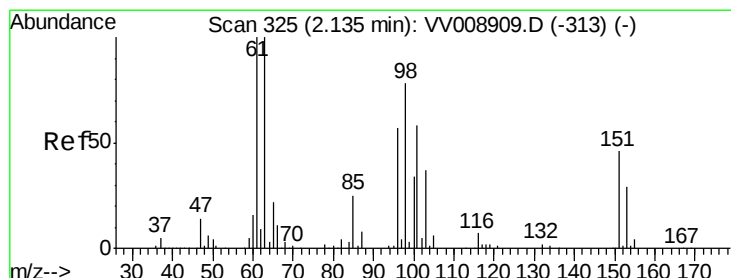
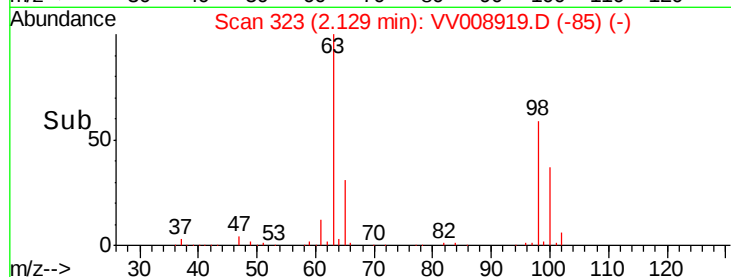
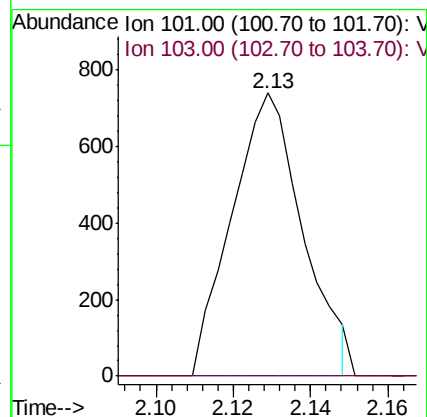
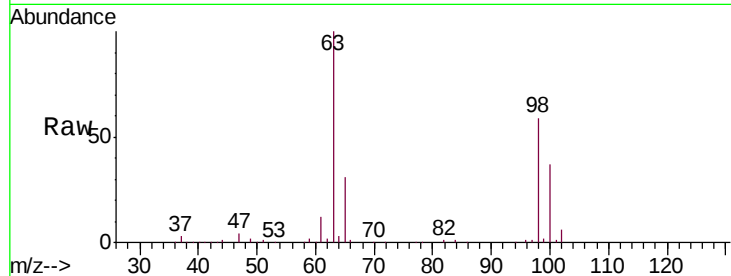
COL45

Tgt Ion:101 Resp: 940

Ion Ratio Lower Upper

101 100

103 0.0 51.5 77.3#



#10

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

Concen: 0.679 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008919.D

Acq: 13 Dec 2018 19:25

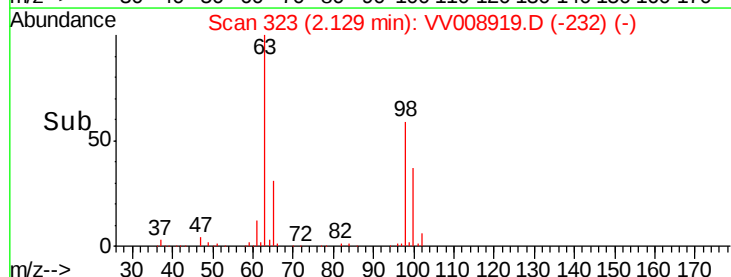
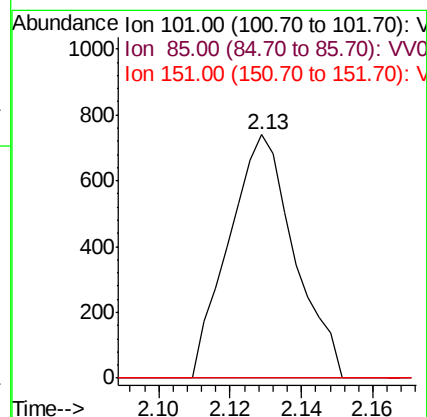
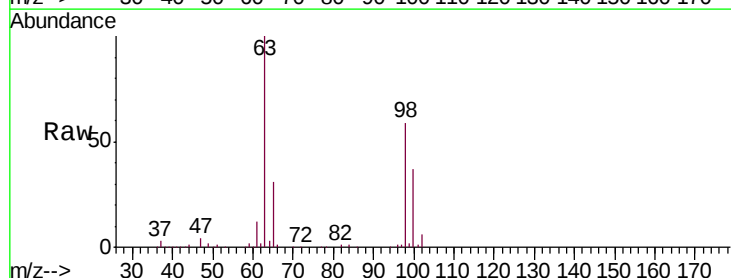
Tgt Ion:101 Resp: 940

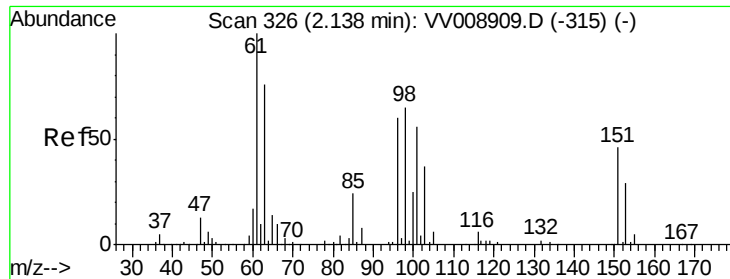
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#

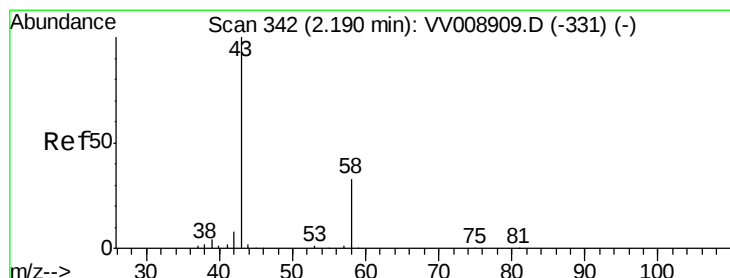
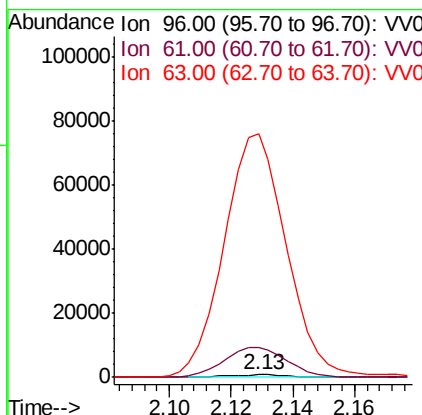
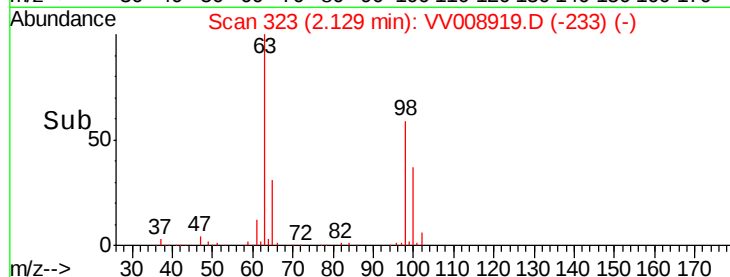
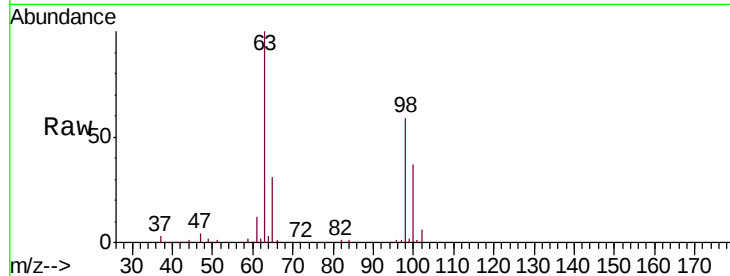




#12
 1,1-Dichloroethene
 Concen: 0.865 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008919.D
 Acq: 13 Dec 2018 19:25

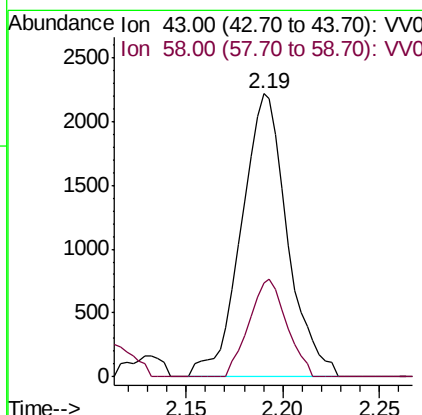
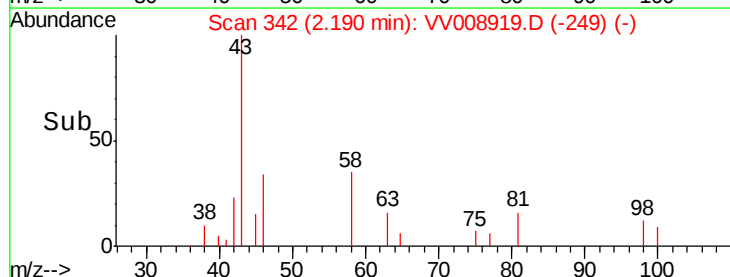
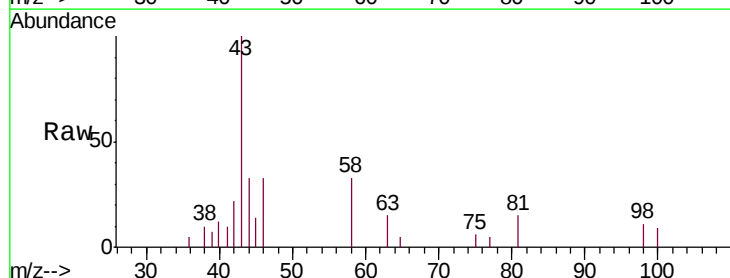
Instrument :
 MSVOA_V
 ClientSampleId :
 COL45

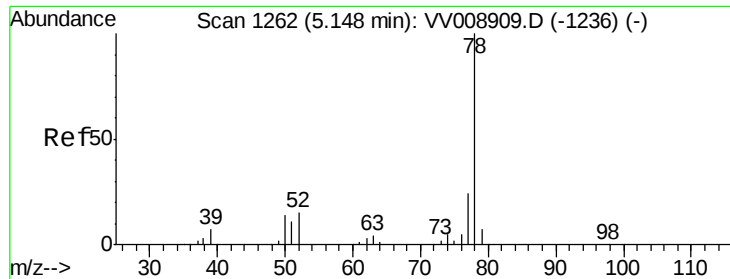
Tgt Ion: 96 Resp: 1089
 Ion Ratio Lower Upper
 96 100
 61 1240.7 119.1 221.3#
 63 10017.9 96.0 178.2#



#13
 Acetone
 Concen: 3.084 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV008919.D
 Acq: 13 Dec 2018 19:25

Tgt Ion: 43 Resp: 3666
 Ion Ratio Lower Upper
 43 100
 58 28.0 0.0 61.8





#33

Benzene

Concen: 0.433 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.05 min

Lab File: VV008919.D

Acq: 13 Dec 2018 19:25

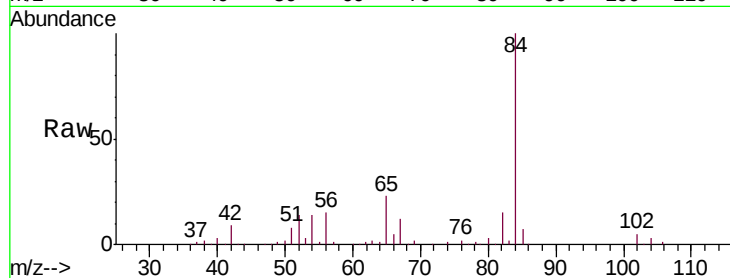
Instrument :

MSVOA_V

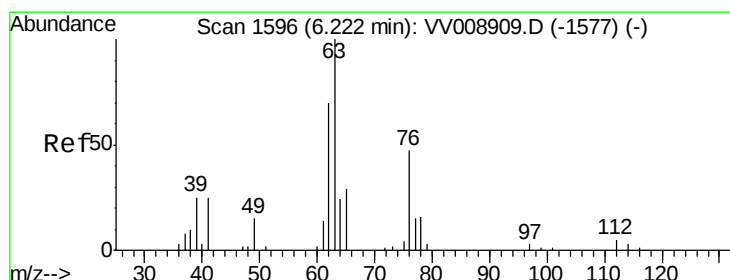
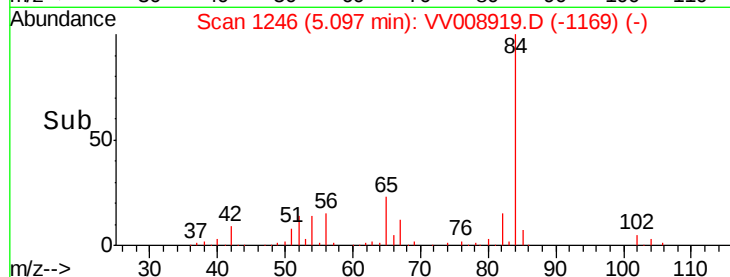
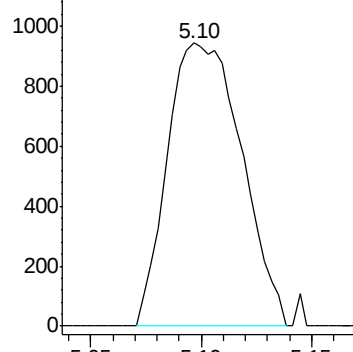
ClientSampled :

COL45

Tgt Ion: 78 Resp: 2198



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 6.494 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008919.D

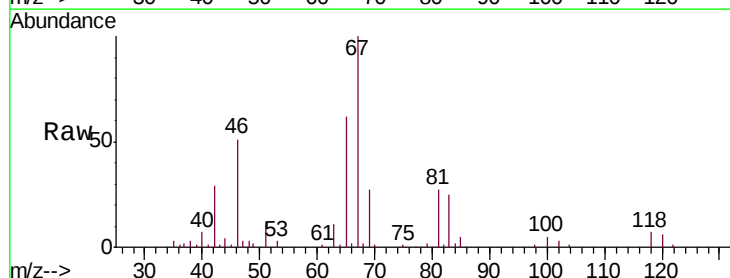
Acq: 13 Dec 2018 19:25

Tgt Ion: 63 Resp: 8520

Ion Ratio Lower Upper

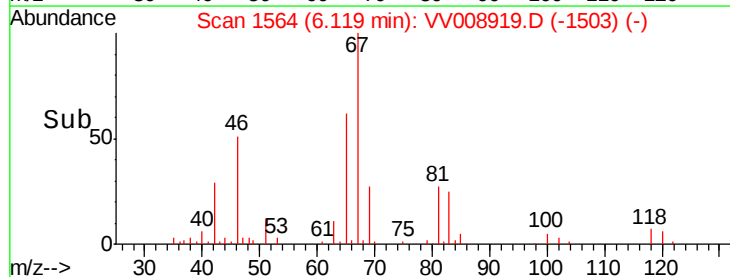
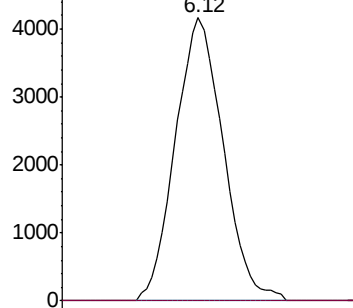
63 100

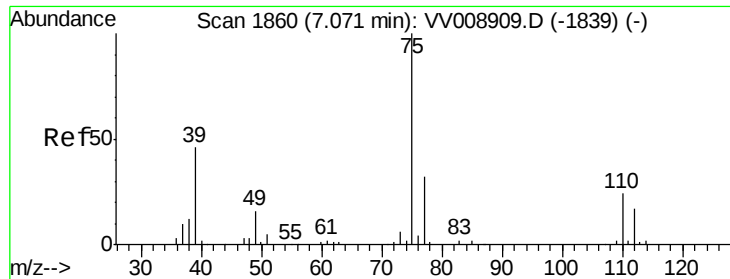
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

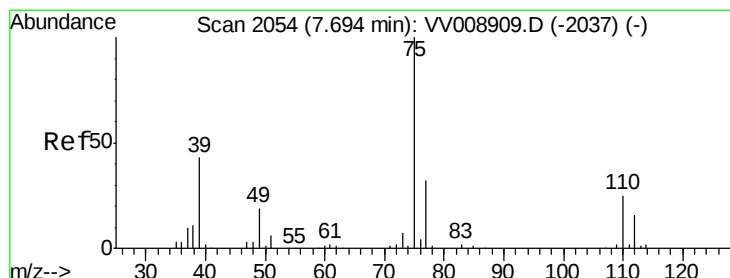
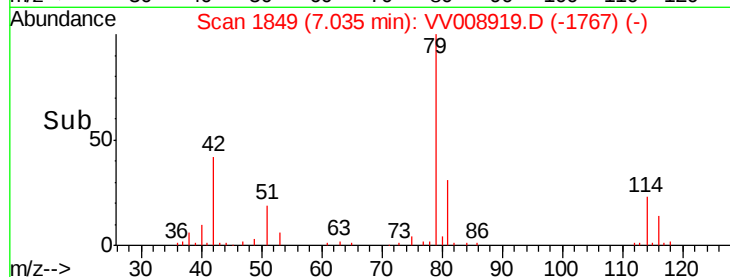
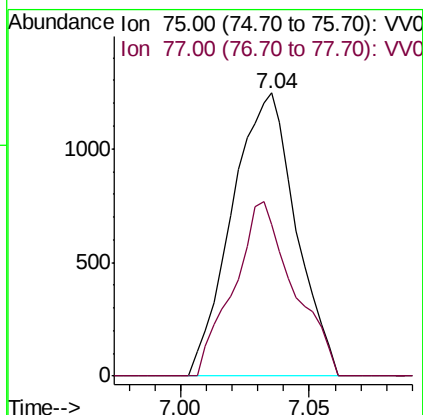
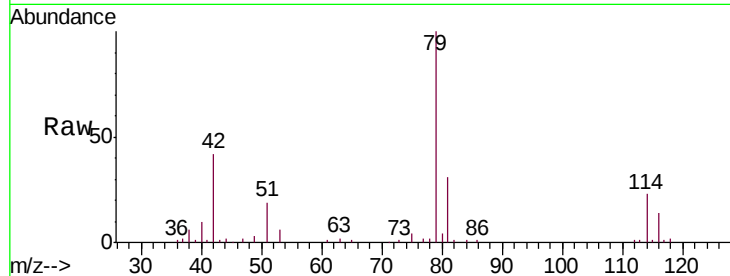




#39
 cis-1,3-Dichloropropene
 Concen: 1.030 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008919.D
 Acq: 13 Dec 2018 19:25

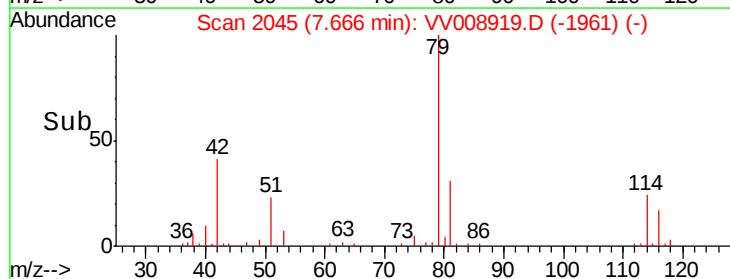
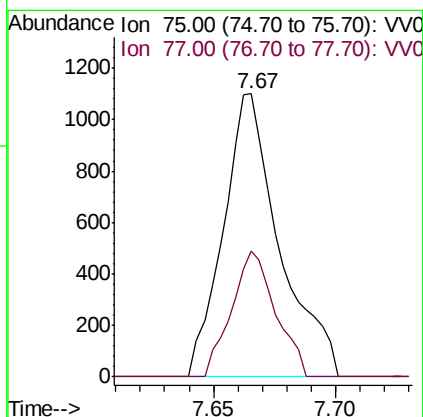
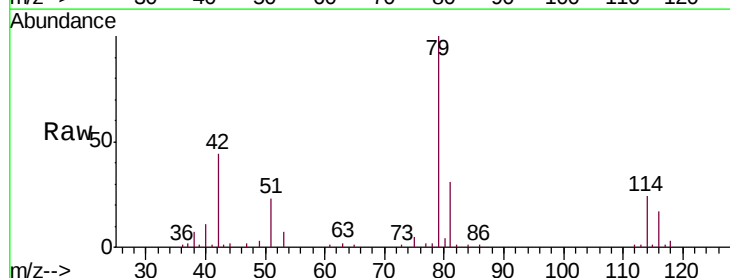
Instrument :
 MSVOA_V
 ClientSampleId :
 COL45

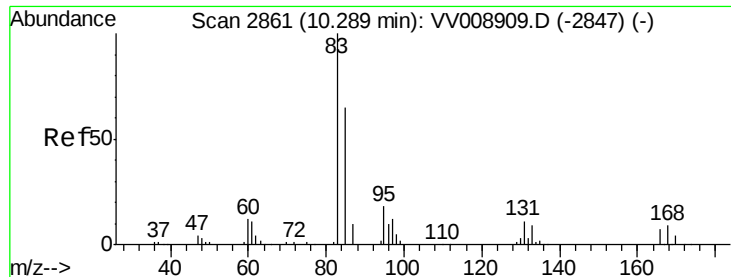
Tgt Ion: 75 Resp: 2155
 Ion Ratio Lower Upper
 75 100
 77 53.5 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.902 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008919.D
 Acq: 13 Dec 2018 19:25

Tgt Ion: 75 Resp: 1759
 Ion Ratio Lower Upper
 75 100
 77 44.3 21.6 40.2#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.392 ug/L

RT: 10.27 min Scan# 2854

Delta R.T. -0.02 min

Lab File: VV008919.D

Acq: 13 Dec 2018 19:25

Instrument :

MSVOA_V

ClientSampled :

COL45

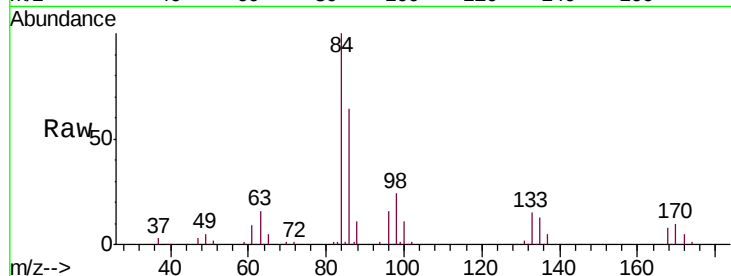
Tgt Ion: 83 Resp: 765

Ion Ratio Lower Upper

83 100

85 197.2 45.3 84.1#

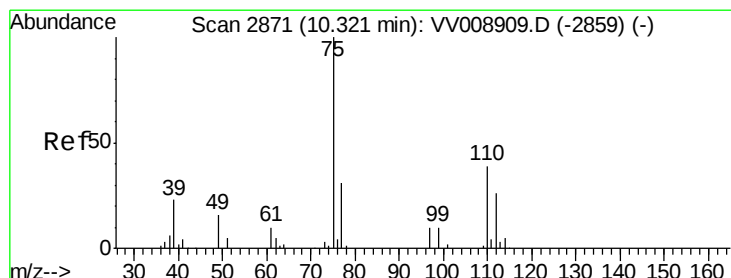
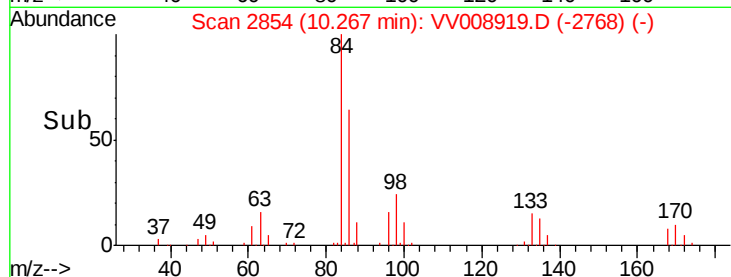
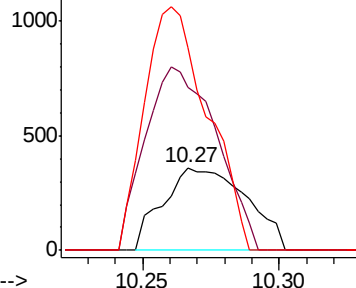
131 245.0 9.2 13.8#



Abundance Ion 83.00 (82.70 to 83.70): VV008919.D (-2847) (-)

Ion 85.00 (84.70 to 85.70): VV008919.D (-2847) (-)

Ion 131.00 (130.70 to 131.70): VV008919.D (-2847) (-)



#59

1,2,3-Trichloropropane

Concen: 4.756 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008919.D

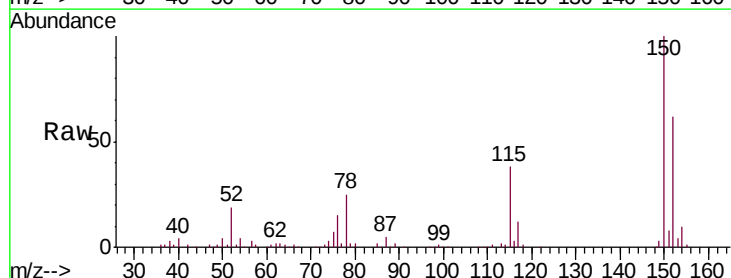
Acq: 13 Dec 2018 19:25

Tgt Ion: 75 Resp: 7858

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008919.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008919.D (-2859) (-)

