

Data File : VV008936.D
Acq On : 14 Dec 2018 17:53
Operator : SY/MD
Sample : J6369-02
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL58

Quant Time: Dec 14 23:44:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	204050	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192122	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54539	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.54%
7) Chloroethane-d5	1.56	69	41178	54.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.82%
11) 1,1-Dichloroethene-d2	2.13	63	111625	39.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.34%
21) 2-Butanone-d5	3.93	46	90663	113.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.95%
24) Chloroform-d	4.41	84	124763	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
26) 1,2-Dichloroethane-d4	5.08	65	85563	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.66%
32) Benzene-d6	5.10	84	259999	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
36) 1,2-Dichloropropane-d6	6.12	67	79018	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.58%
41) Toluene-d8	7.36	98	241414	49.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.34%
43) trans-1,3-Dichloropropene-	7.67	79	38014	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.36%
47) 2-Hexanone-d5	8.13	63	58264	101.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.19%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96818	48.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	87922	53.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.54%

Target Compounds

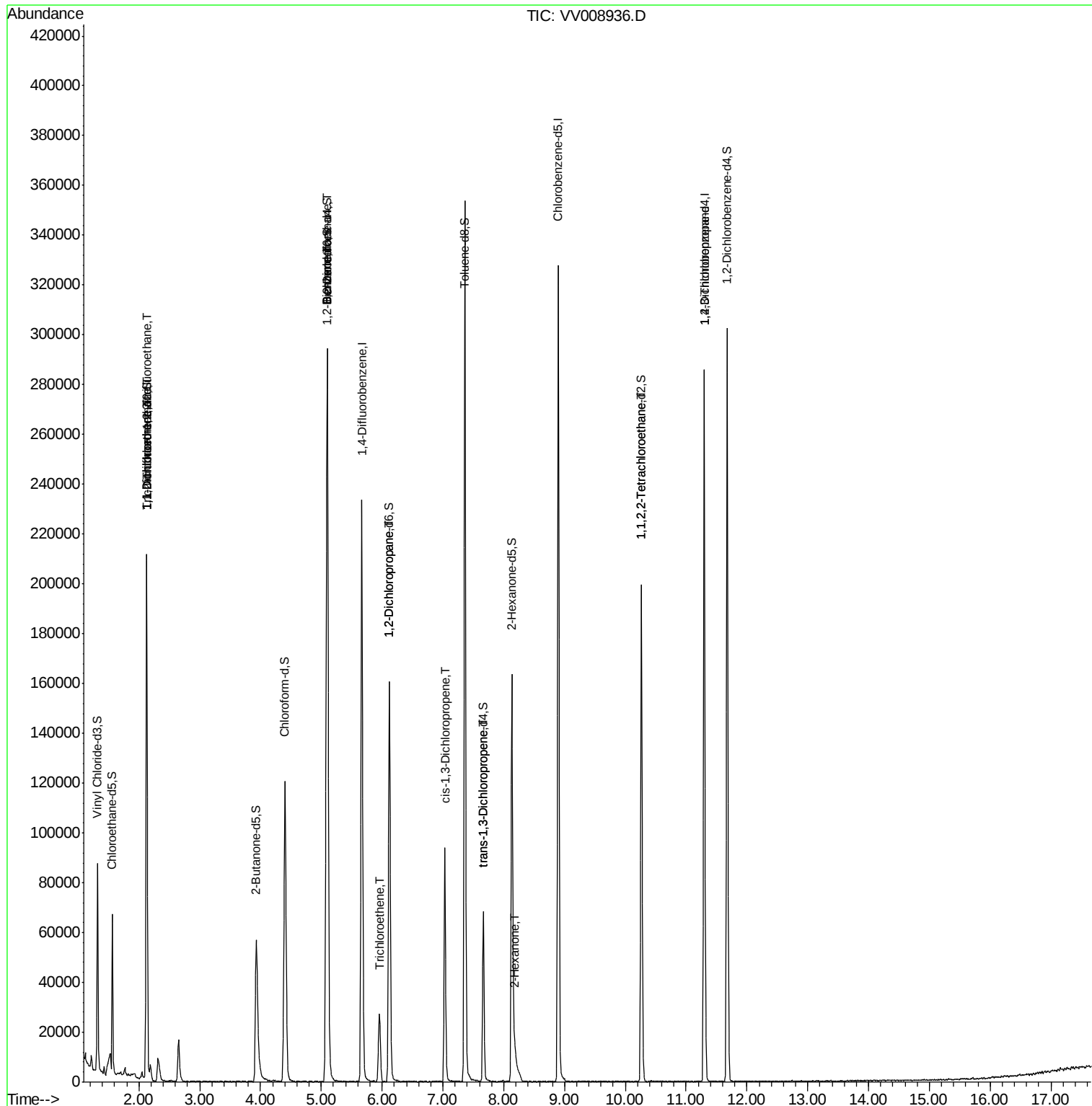
						Qvalue
9) Trichlorofluoromethane	2.13	101	868	0.381	ug/L #	24
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	868	0.623	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1303	1.028	ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1516	0.773	ug/L #	74
33) Benzene	5.10	78	2070	0.391	ug/L	100
34) Trichloroethene	5.96	95	5674	3.711	ug/L	93
37) 1,2-Dichloropropane	6.12	63	8760	6.398	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2422	1.109	ug/L #	51
44) trans-1,3-Dichloropropene	7.67	75	1720	0.845	ug/L #	77
48) 2-Hexanone	8.18	43	3773	2.864	ug/L #	62
58) 1,1,2,2-Tetrachloroethane	10.27	83	706	0.347	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8984	5.210	ug/L	90

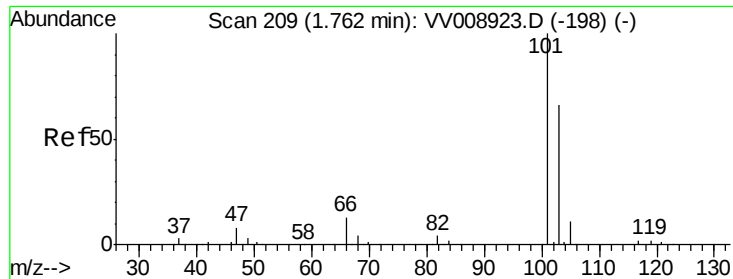
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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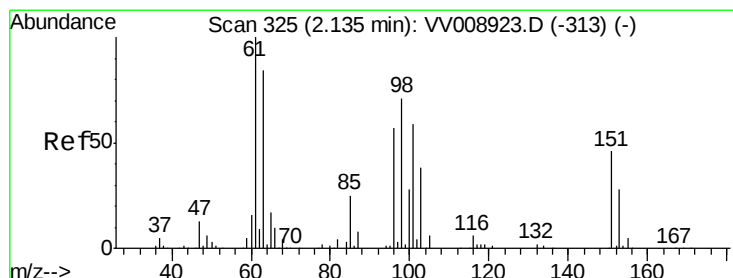
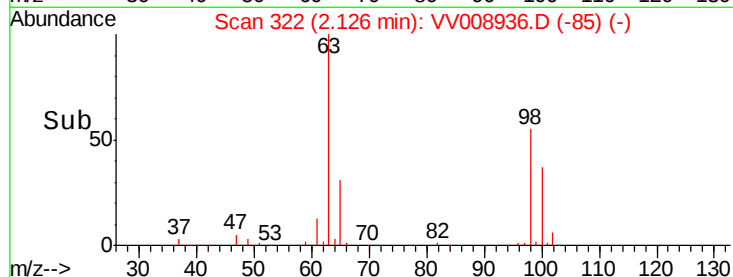
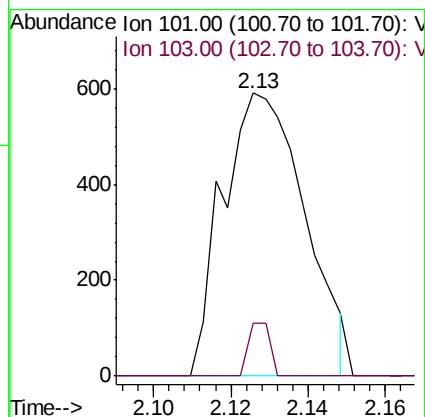
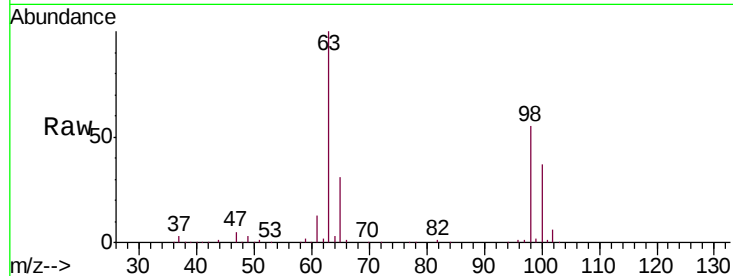


#9

Trichlorofluoromethane
 Concen: 0.381 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV008936.D
 Acq: 14 Dec 2018 17:53

Instrument :
 MSVOA_V
 ClientSampleId :
 COL58

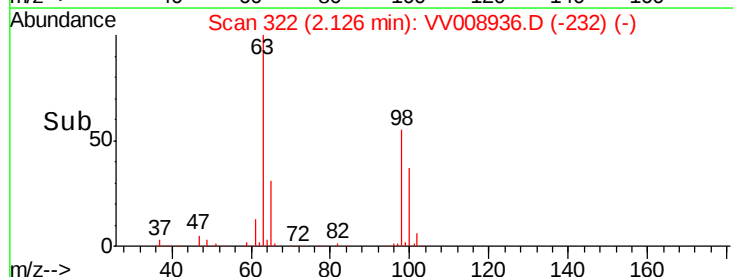
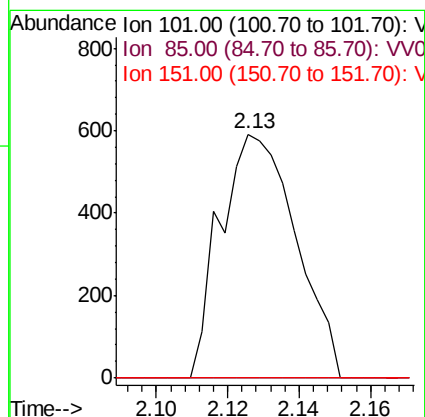
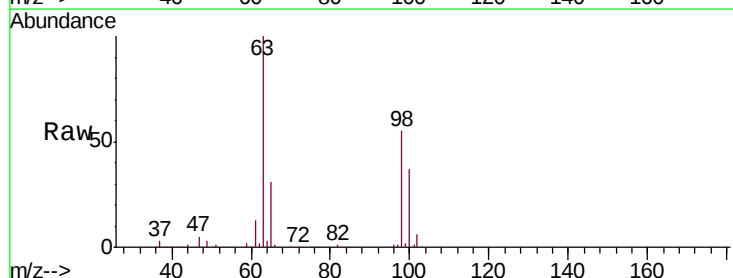
Tgt Ion:101 Resp: 868
 Ion Ratio Lower Upper
 101 100
 103 4.8 51.5 77.3#

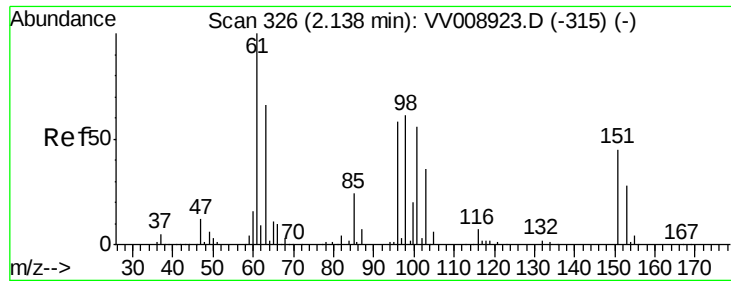


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.623 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008936.D
 Acq: 14 Dec 2018 17:53

Tgt Ion:101 Resp: 868
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

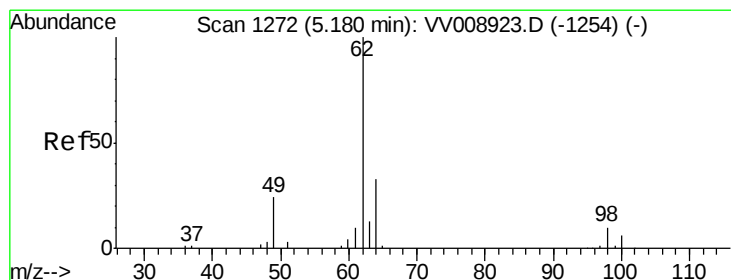
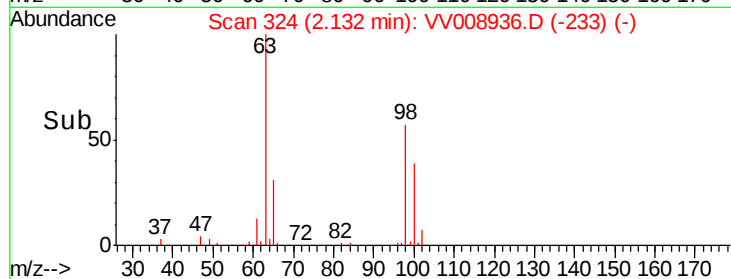
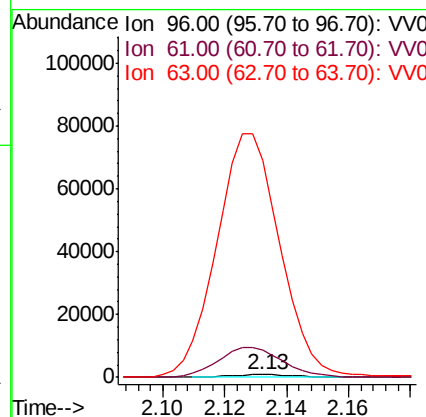
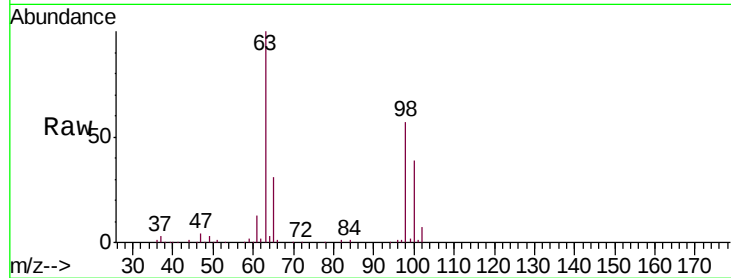




#12
 1,1-Dichloroethene
 Concen: 1.028 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008936.D
 Acq: 14 Dec 2018 17:53

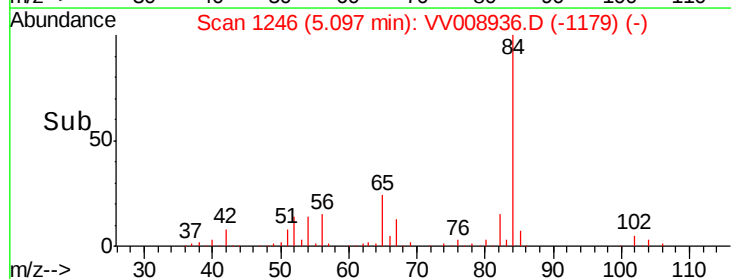
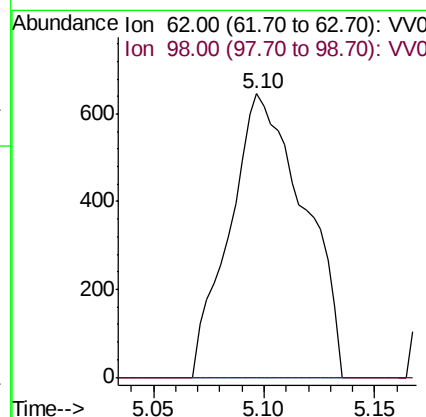
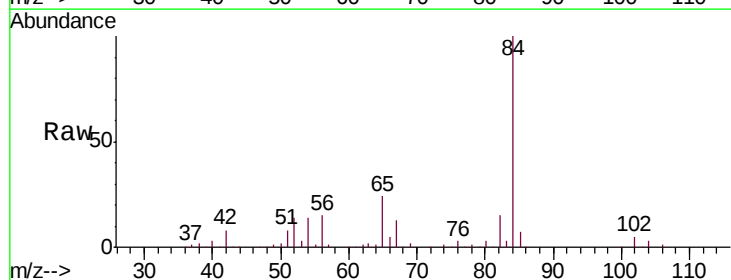
Instrument :
 MSVOA_V
 ClientSampleId :
 COL58

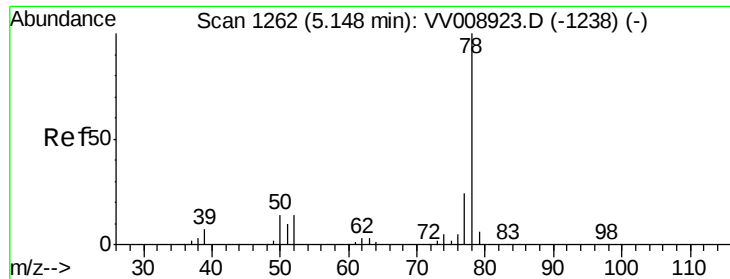
Tgt Ion: 96 Resp: 1303
 Ion Ratio Lower Upper
 96 100
 61 1022.1 119.1 221.3#
 63 8087.1 96.0 178.2#



#27
 1,2-Dichloroethane
 Concen: 0.773 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV008936.D
 Acq: 14 Dec 2018 17:53

Tgt Ion: 62 Resp: 1516
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#





#33

Benzene

Concen: 0.391 ug/L

RT: 5.10 min Scan# 1248

Delta R.T. -0.04 min

Lab File: VV008936.D

Acq: 14 Dec 2018 17:53

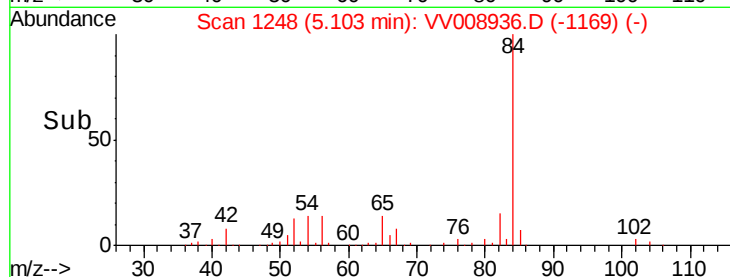
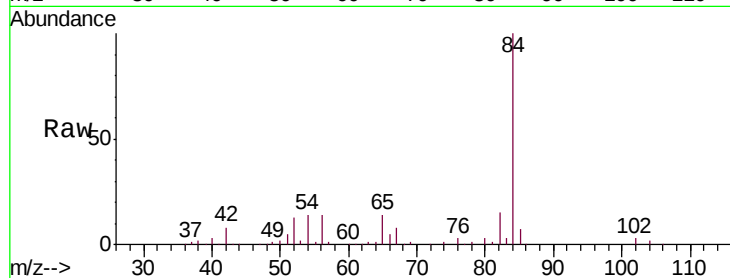
Instrument :

MSVOA_V

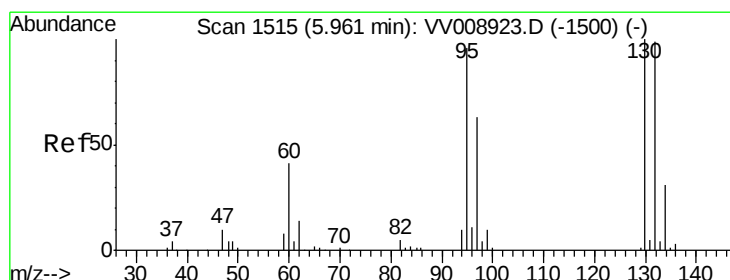
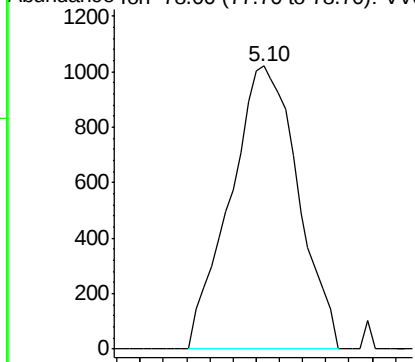
ClientSampled :

COL58

Tgt Ion: 78 Resp: 2070



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 3.711 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008936.D

Acq: 14 Dec 2018 17:53

Tgt Ion: 95 Resp: 5674

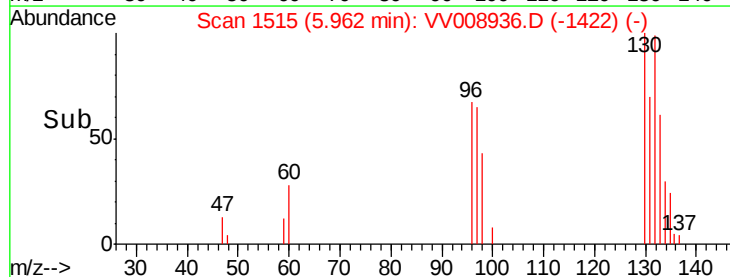
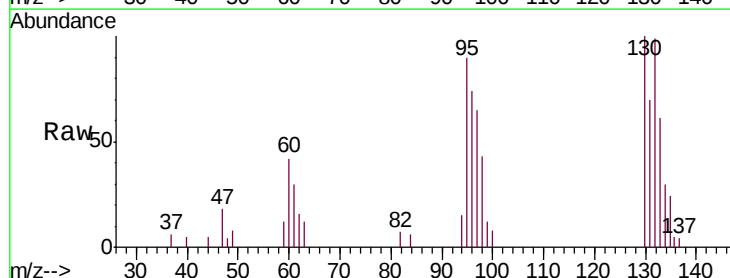
Ion	Ratio	Lower	Upper
95	100		
97	72.9	45.7	84.9
132	110.7	72.2	134.2
130	111.7	73.8	137.2

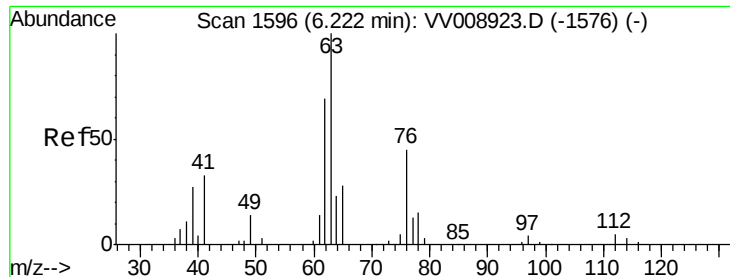
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

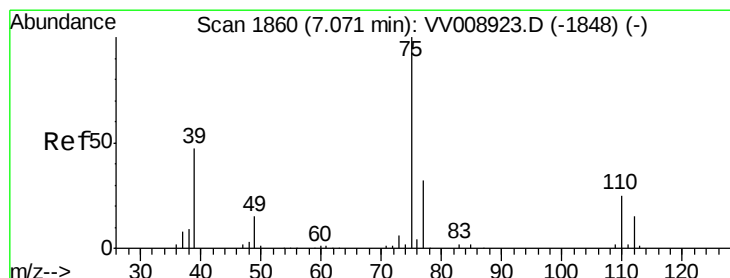
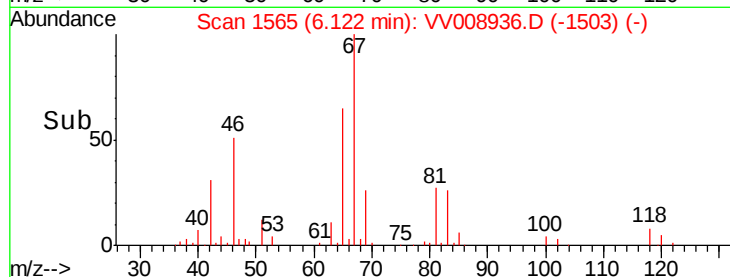
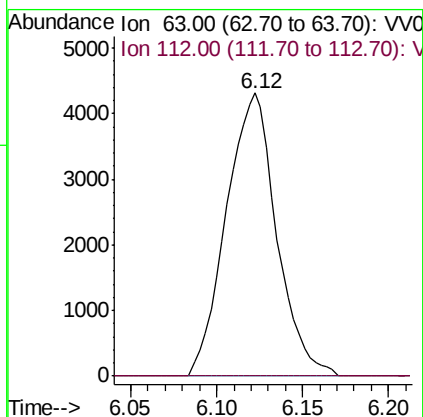
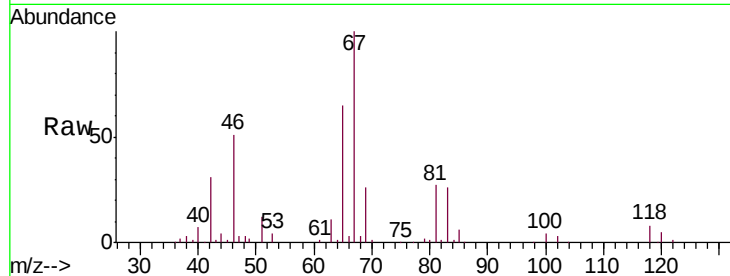




#37
 1,2-Dichloropropane
 Concen: 6.398 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008936.D
 Acq: 14 Dec 2018 17:53

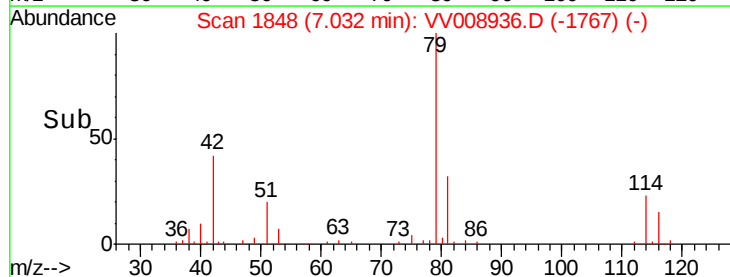
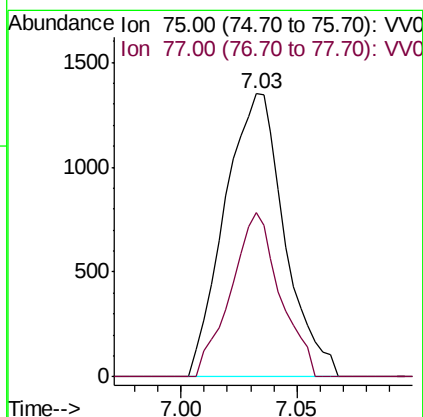
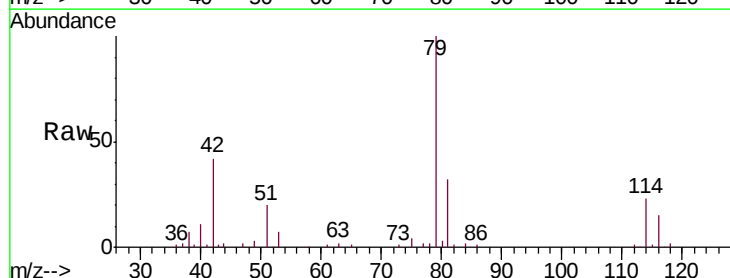
Instrument :
 MSVOA_V
 ClientSampleId :
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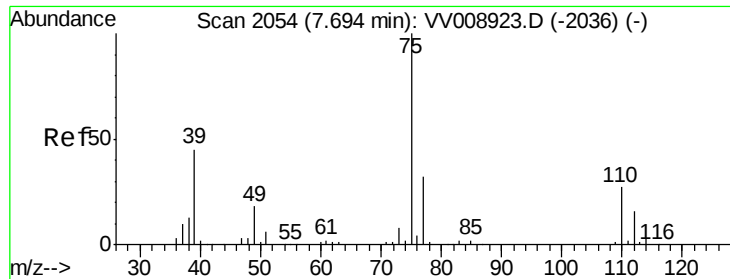
Tgt Ion: 63 Resp: 8760
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.109 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008936.D
 Acq: 14 Dec 2018 17:53

Tgt Ion: 75 Resp: 2422
 Ion Ratio Lower Upper
 75 100
 77 57.9 21.8 40.4#

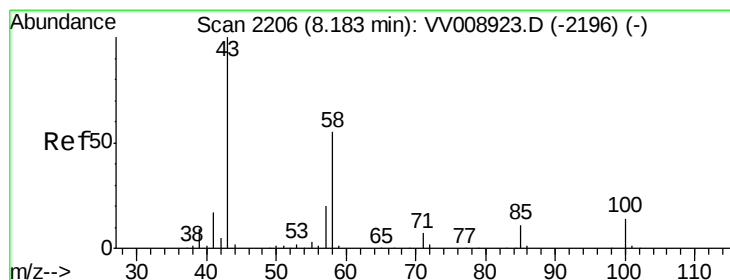
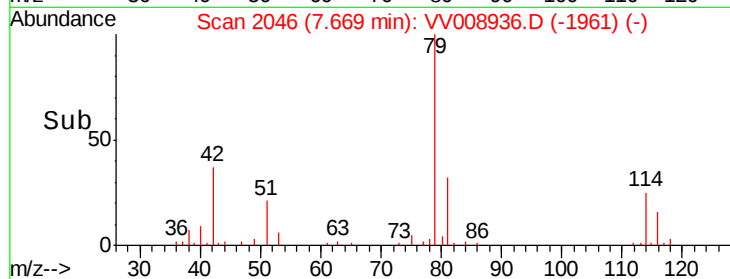
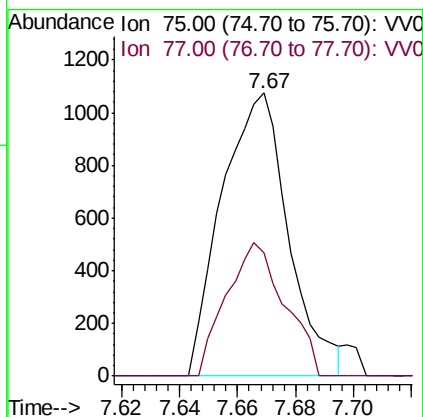
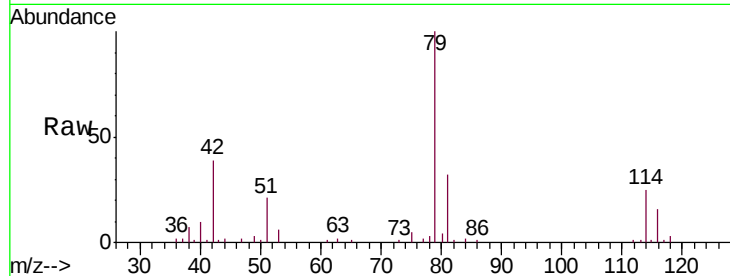




#44
trans-1,3-Dichloropropene
Concen: 0.845 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV008936.D
Acq: 14 Dec 2018 17:53

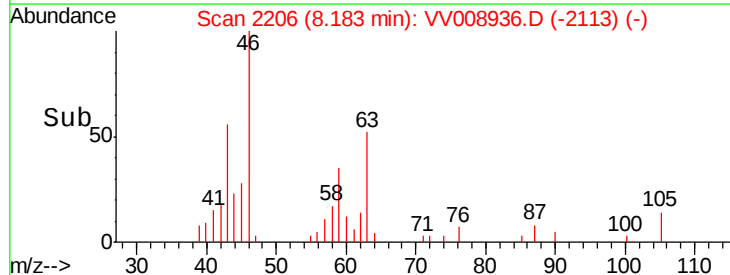
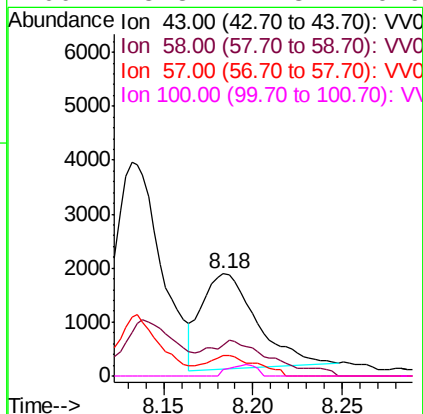
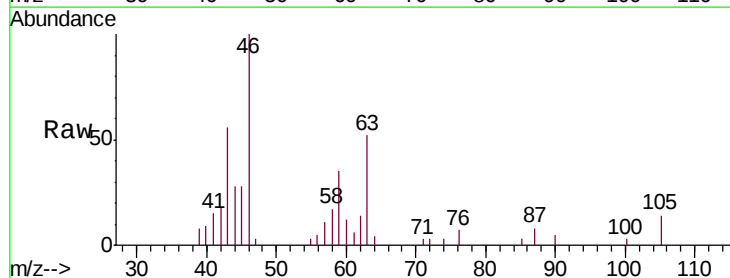
Instrument :
MSVOA_V
ClientSampled :
COL58

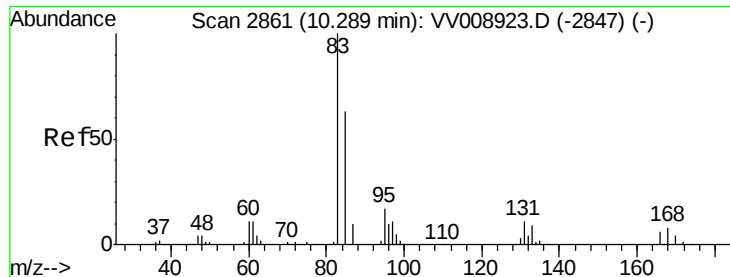
Tgt Ion: 75 Resp: 1720
Ion Ratio Lower Upper
75 100
77 43.6 21.6 40.2#



#48
2-Hexanone
Concen: 2.864 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV008936.D
Acq: 14 Dec 2018 17:53

Tgt Ion: 43 Resp: 3773
Ion Ratio Lower Upper
43 100
58 21.8 42.7 64.1#
57 4.9 15.7 23.5#
100 5.8 11.3 16.9#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.347 ug/L

RT: 10.27 min Scan# 2855

Delta R.T. -0.02 min

Lab File: VV008936.D

Acq: 14 Dec 2018 17:53

Instrument :

MSVOA_V

ClientSampled :

COL58

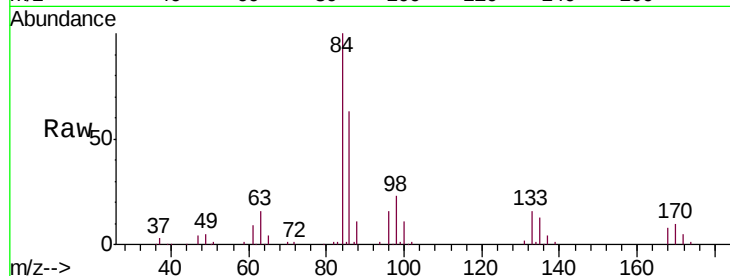
Tgt Ion: 83 Resp: 706

Ion Ratio Lower Upper

83 100

85 145.5 45.3 84.1#

131 178.6 9.2 13.8#

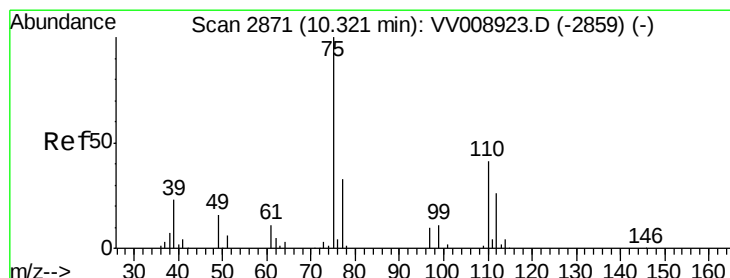
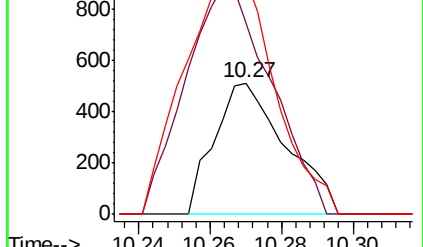
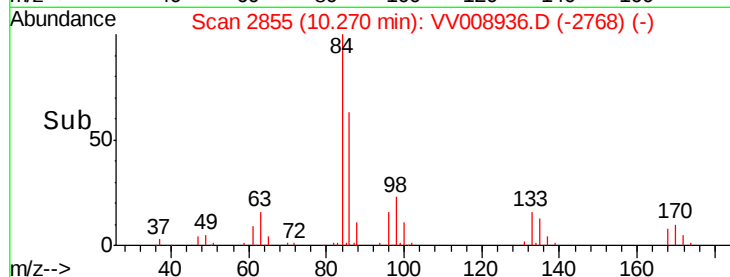


Abundance Ion 83.00 (82.70 to 83.70): VV008936.D (-2847) (-)

Ion 85.00 (84.70 to 85.70): VV008936.D (-2847) (-)

Ion 131.00 (130.70 to 131.70): VV008936.D (-2847) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.210 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008936.D

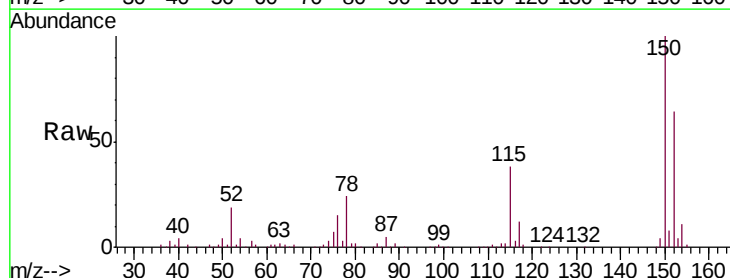
Acq: 14 Dec 2018 17:53

Tgt Ion: 75 Resp: 8984

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008936.D (-2249) (-)

Ion 77.00 (76.70 to 77.70): VV008936.D (-2249) (-)

Time-->

