

Data File : VV008959.D
Acq On : 15 Dec 2018 03:04
Operator : SY/MD
Sample : J6369-13
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL97

Quant Time: Dec 15 04:08:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202587	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189180	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77782	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47084	39.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.60%
7) Chloroethane-d5	1.56	69	37000	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.38%
11) 1,1-Dichloroethene-d2	2.13	63	99094	35.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.94%
21) 2-Butanone-d5	3.93	46	87265	110.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.47%
24) Chloroform-d	4.41	84	119026	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.08	65	80287	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.86%
32) Benzene-d6	5.10	84	243314	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
36) 1,2-Dichloropropane-d6	6.12	67	73912	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.36	98	225067	47.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.06%
43) trans-1,3-Dichloropropene-	7.67	79	34441	44.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.66%
47) 2-Hexanone-d5	8.13	63	54037	95.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91822	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	80626	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%

Target Compounds

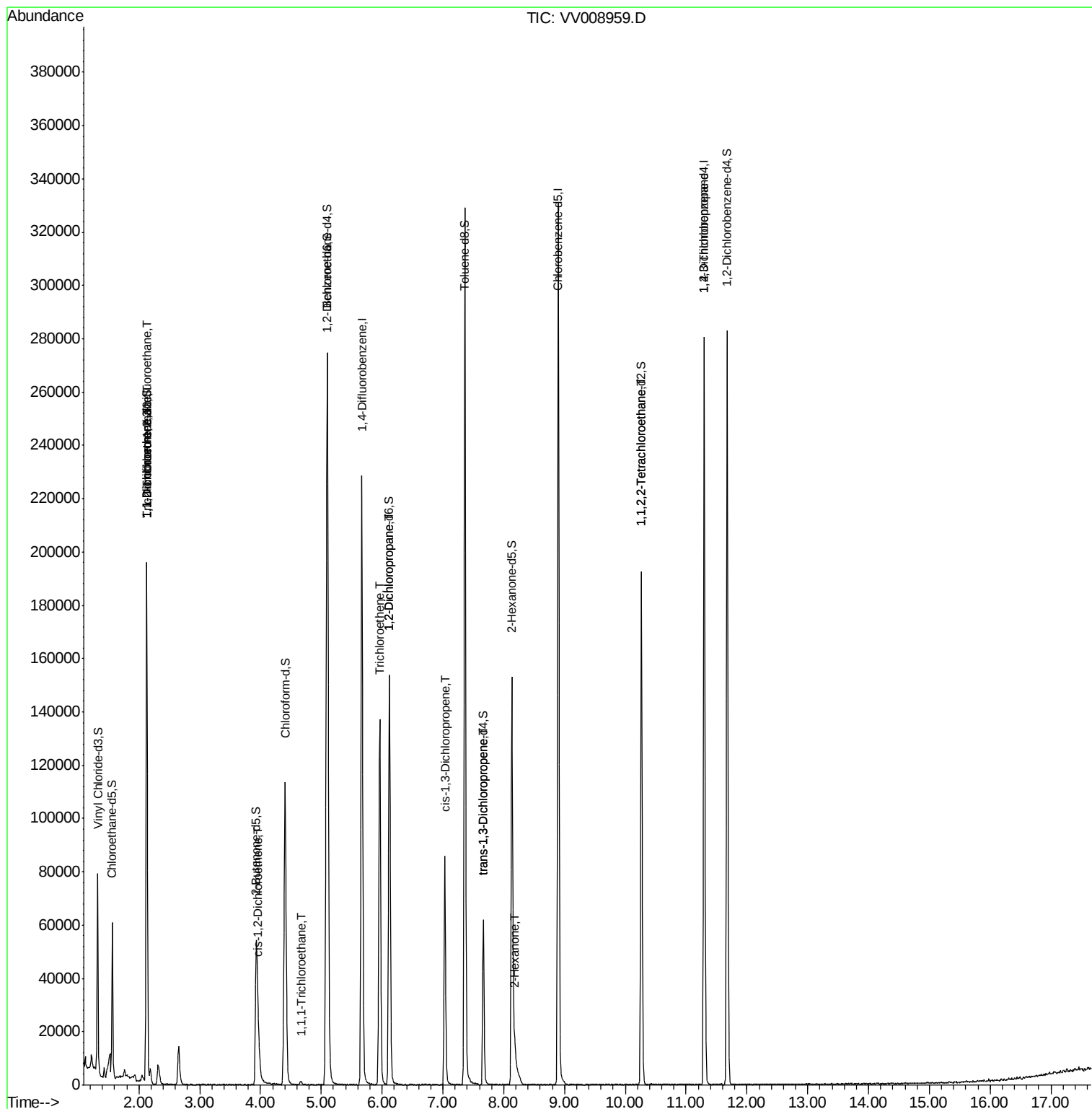
					Qvalue
9) Trichlorofluoromethane	2.13	101	902	0.399 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	923	0.668 ug/L #	18
12) 1,1-Dichloroethene	2.14	96	3922	3.118 ug/L #	1
20) cis-1,2-Dichloroethene	3.97	96	3554	2.434 ug/L	89
30) 1,1,1-Trichloroethane	4.67	97	1356	0.585 ug/L #	49
34) Trichloroethene	5.96	95	46096	30.620 ug/L	98
37) 1,2-Dichloropropane	6.12	63	8650	6.416 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2138	0.994 ug/L #	58
44) trans-1,3-Dichloropropene	7.67	75	1377	0.687 ug/L #	79
48) 2-Hexanone	8.18	43	4206	3.243 ug/L #	45
58) 1,1,2,2-Tetrachloroethane	10.27	83	734	0.366 ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	7864	4.632 ug/L	90

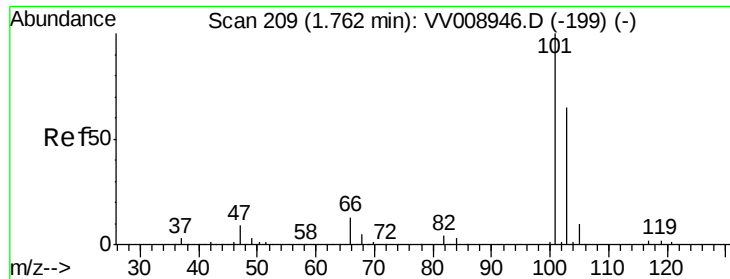
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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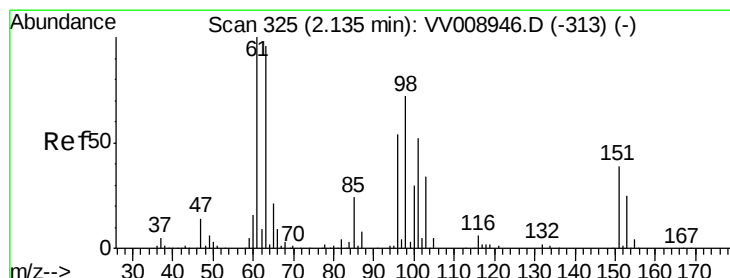
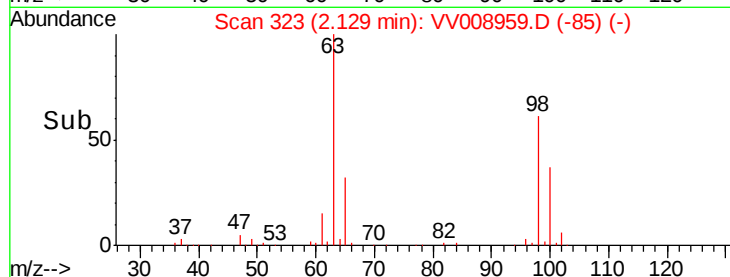
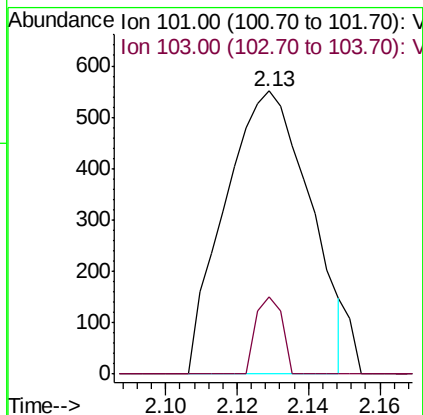
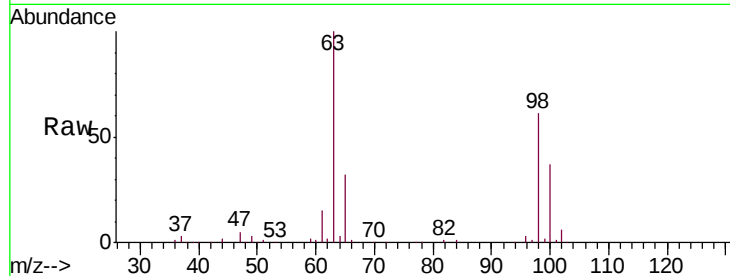


#9

Trichlorofluoromethane
 Concen: 0.399 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008959.D
 Acq: 15 Dec 2018 03:04

Instrument :
 MSVOA_V
 ClientSampleId :
 COL97

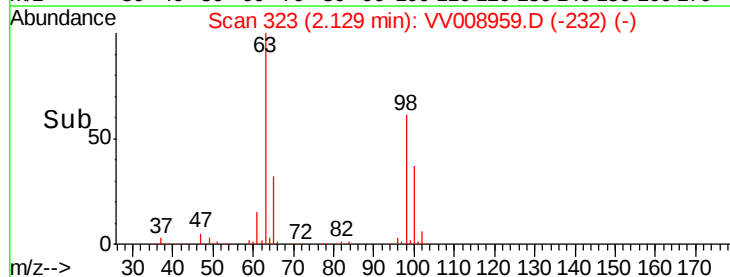
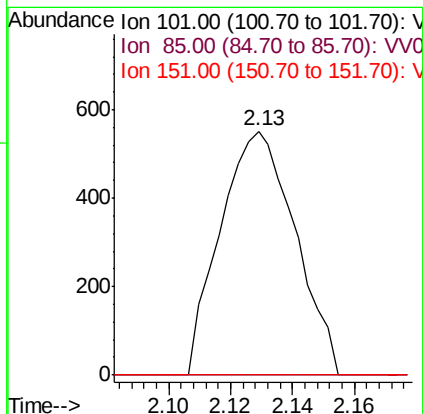
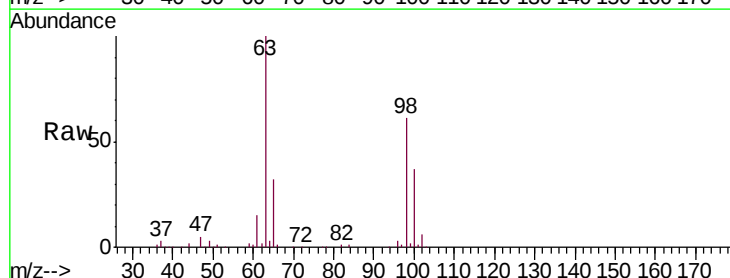
Tgt Ion:101 Resp: 902
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.5 77.3#

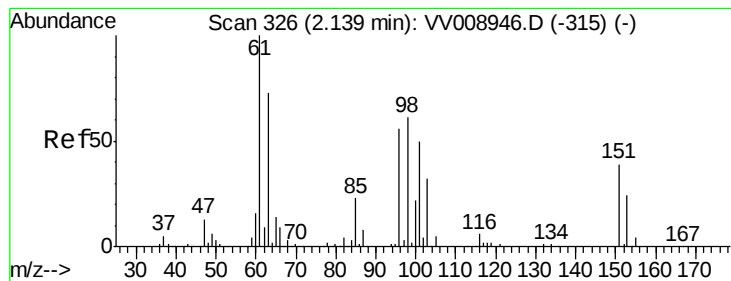


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.668 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008959.D
 Acq: 15 Dec 2018 03:04

Tgt Ion:101 Resp: 923
 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: 3.118 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV008959.D

Acq: 15 Dec 2018 03:04

Instrument :

MSVOA_V

ClientSampled :

COL97

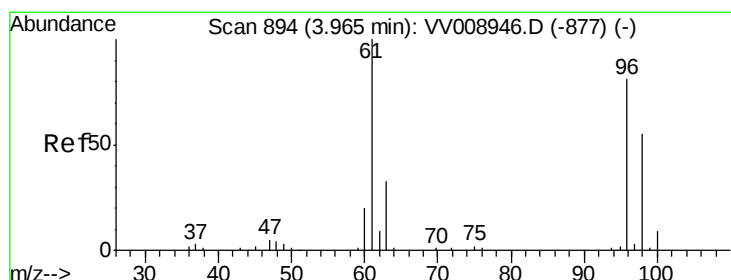
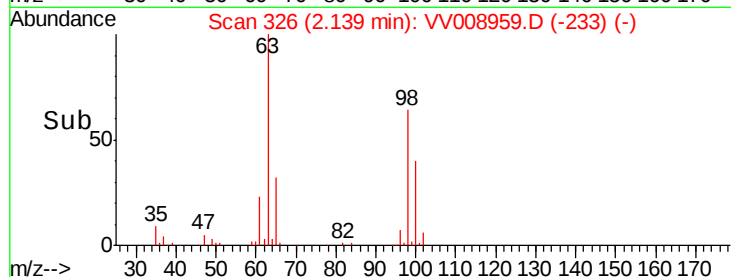
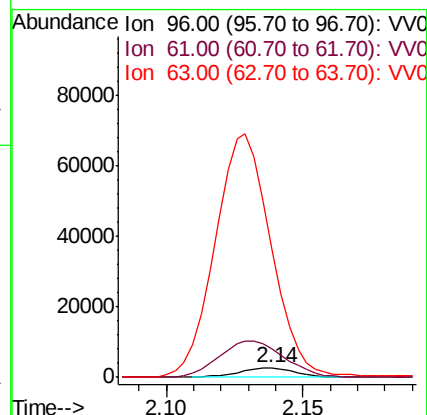
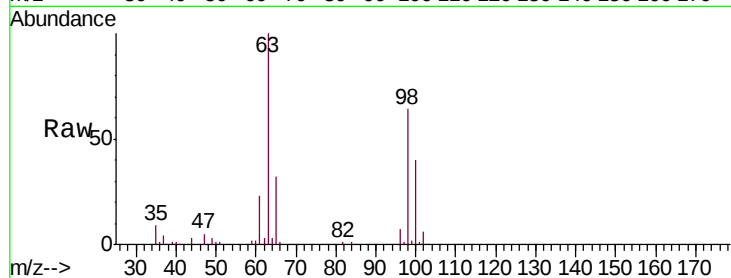
Tgt Ion: 96 Resp: 3922

Ion Ratio Lower Upper

96 100

61 306.1 119.1 221.3#

63 1355.1 96.0 178.2#



#20

cis-1,2-Dichloroethene

Concen: 2.434 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008959.D

Acq: 15 Dec 2018 03:04

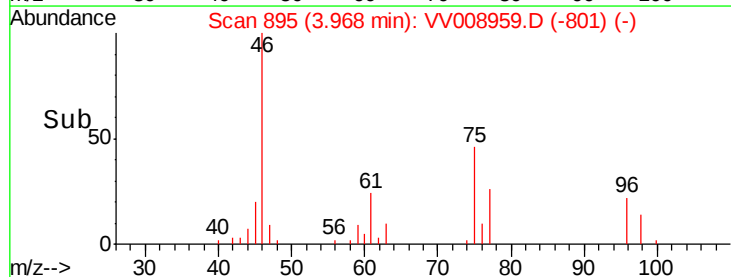
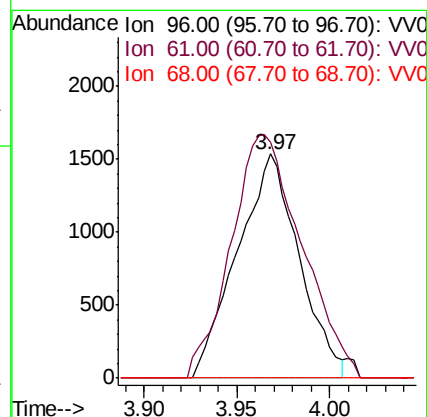
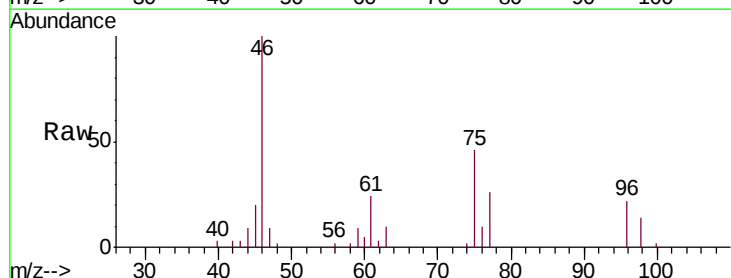
Tgt Ion: 96 Resp: 3554

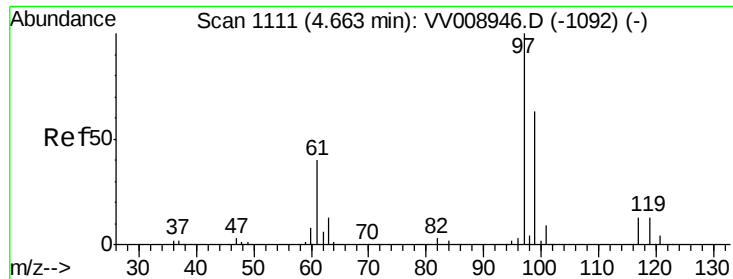
Ion Ratio Lower Upper

96 100

61 105.1 81.9 152.1

68 0.0 0.0 0.0

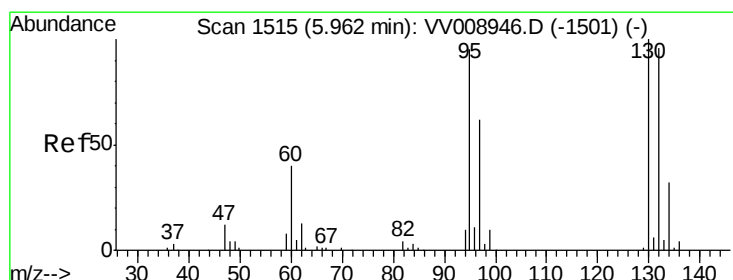
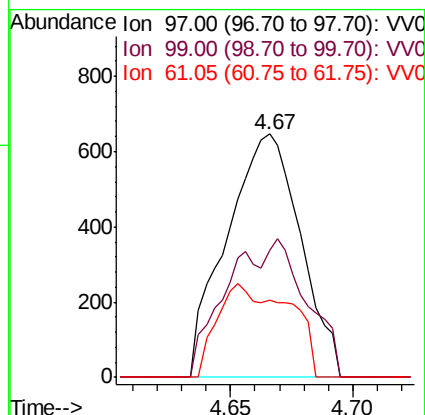
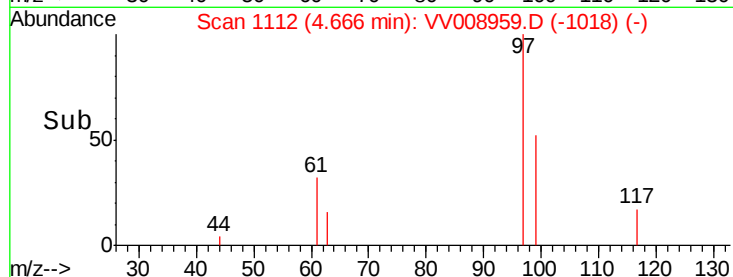
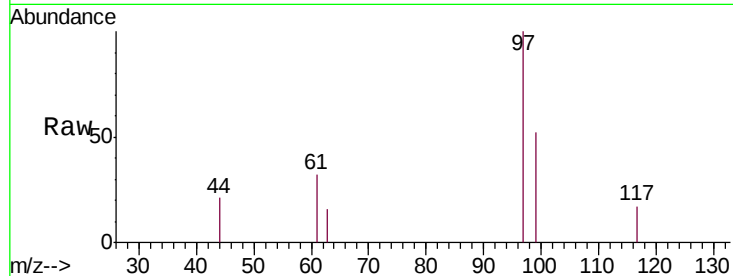




#30
 1,1,1-Trichloroethane
 Concen: 0.585 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VV008959.D
 Acq: 15 Dec 2018 03:04

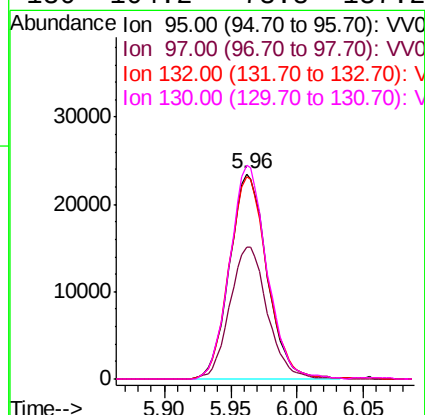
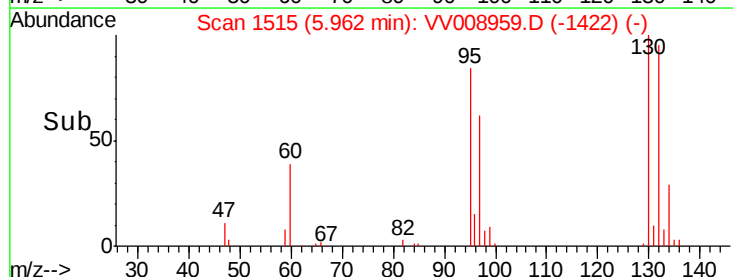
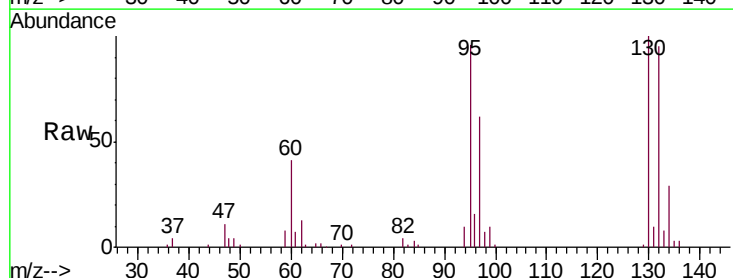
Instrument :
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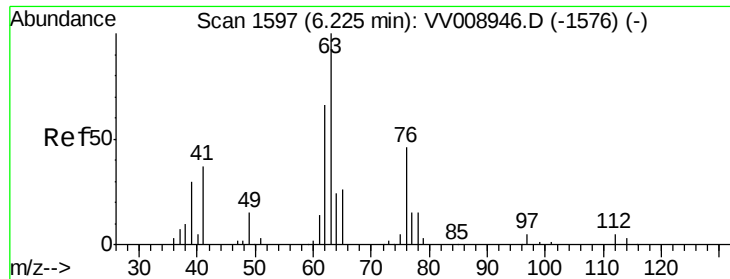
Tgt Ion: 97 Resp: 1356
 Ion Ratio Lower Upper
 97 100
 99 31.0 51.7 77.5#
 61 0.0 32.5 48.7#



#34
 Trichloroethene
 Concen: 30.620 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV008959.D
 Acq: 15 Dec 2018 03:04

Tgt Ion: 95 Resp: 46096
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.7 84.9
 132 98.8 72.2 134.2
 130 104.2 73.8 137.2

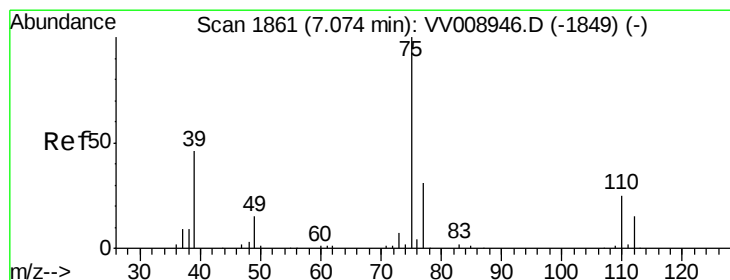
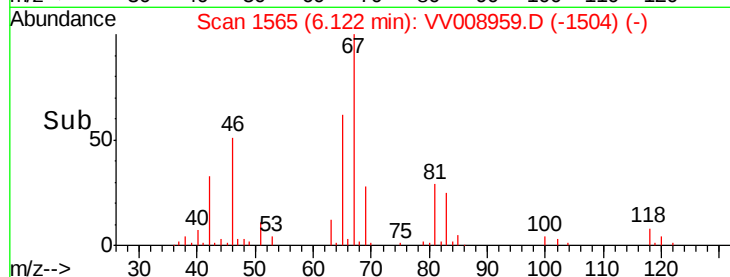
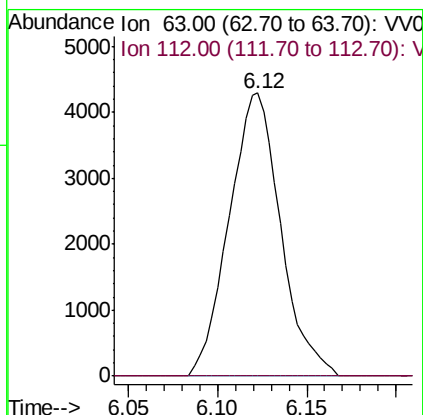
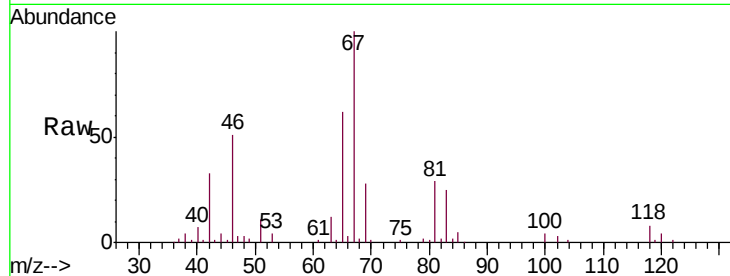




#37
 1,2-Dichloropropane
 Concen: 6.416 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008959.D
 Acq: 15 Dec 2018 03:04

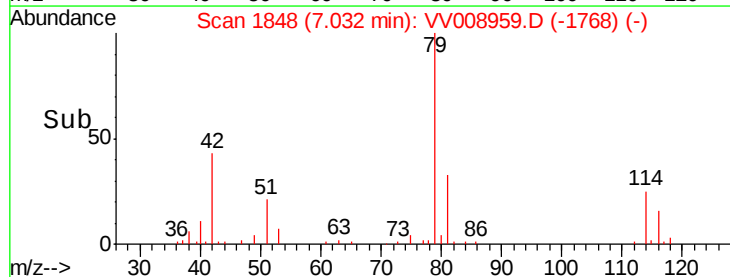
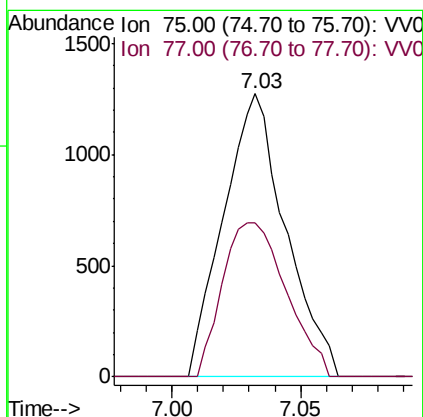
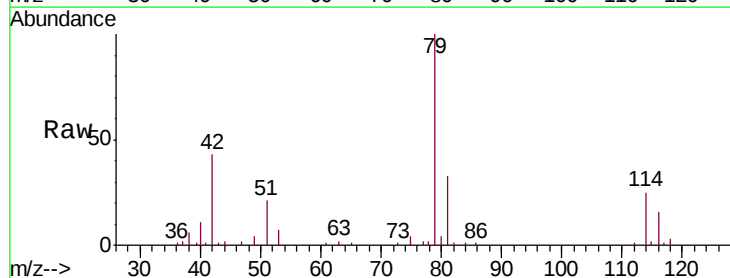
Instrument :
 MSVOA_V
 ClientSampleId :
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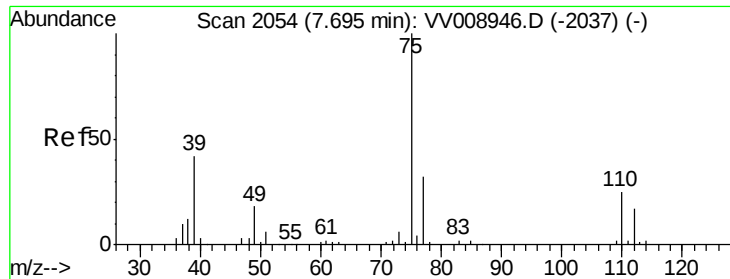
Tgt Ion: 63 Resp: 8650
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.994 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008959.D
 Acq: 15 Dec 2018 03:04

Tgt Ion: 75 Resp: 2138
 Ion Ratio Lower Upper
 75 100
 77 54.4 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.687 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008959.D

Acq: 15 Dec 2018 03:04

Instrument :

MSVOA_V

ClientSampled :

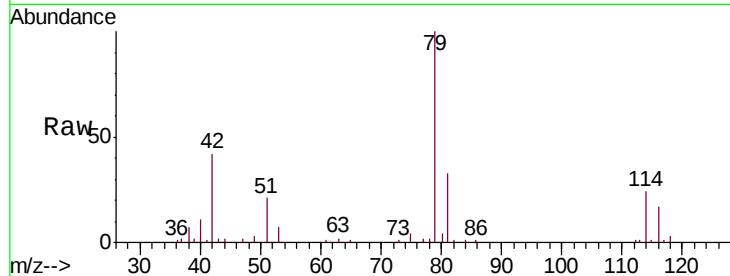
COL97

Tgt Ion: 75 Resp: 1377

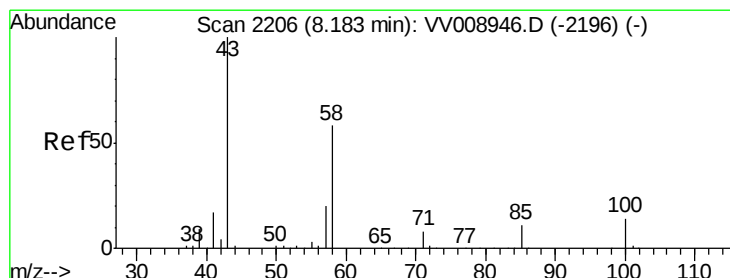
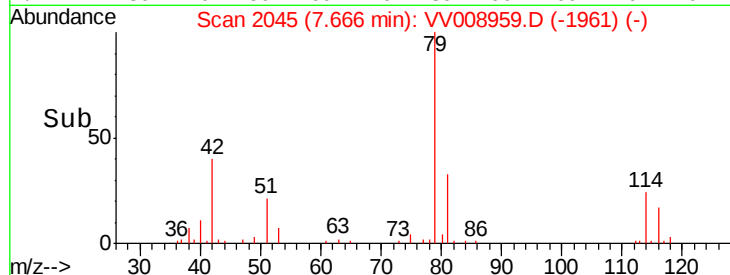
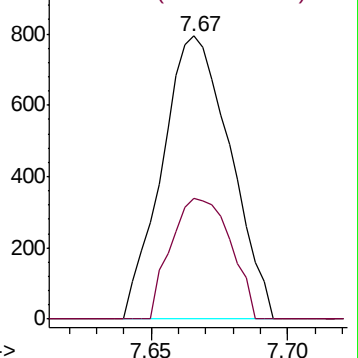
Ion Ratio Lower Upper

75 100

77 42.6 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV008946.D (-2037) (-)



#48

2-Hexanone

Concen: 3.243 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV008959.D

Acq: 15 Dec 2018 03:04

Tgt Ion: 43 Resp: 4206

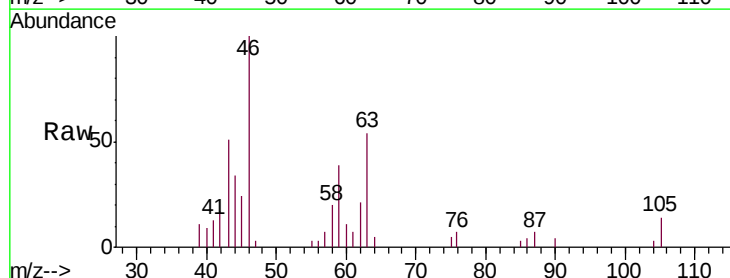
Ion Ratio Lower Upper

43 100

58 3.3 42.7 64.1#

57 7.8 15.7 23.5#

100 0.0 11.3 16.9#

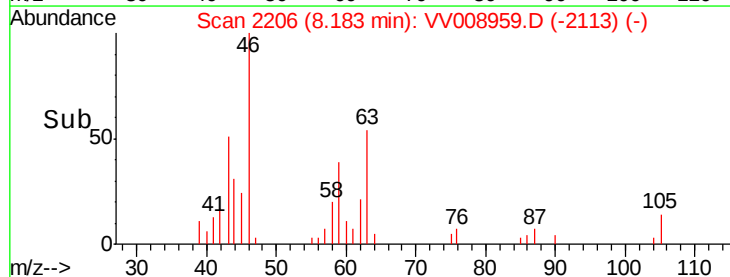
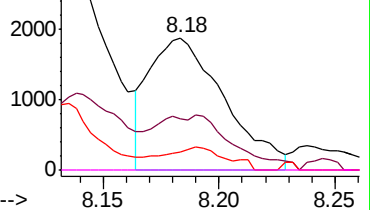


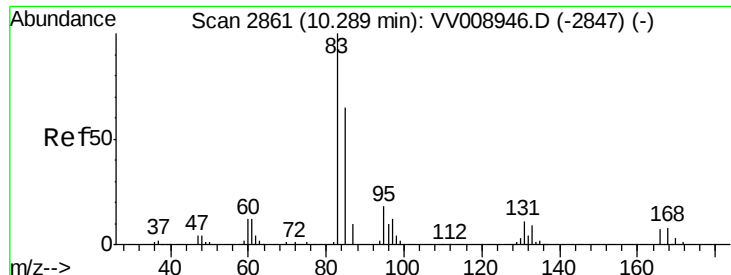
Abundance Ion 43.00 (42.70 to 43.70): VV008946.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV008946.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV008946.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV008946.D (-2196) (-)





#58

1,1,2,2-Tetrachloroethane

Concen: 0.366 ug/L

RT: 10.27 min Scan# 2855

Delta R.T. -0.02 min

Lab File: VV008959.D

Acq: 15 Dec 2018 03:04

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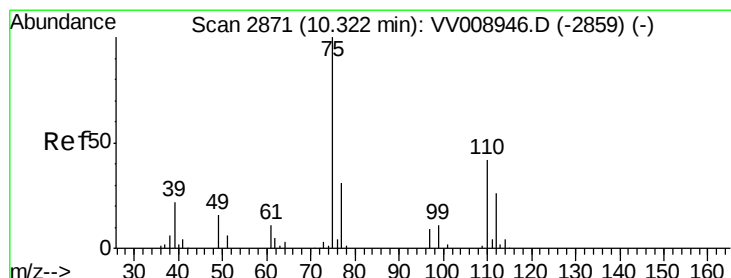
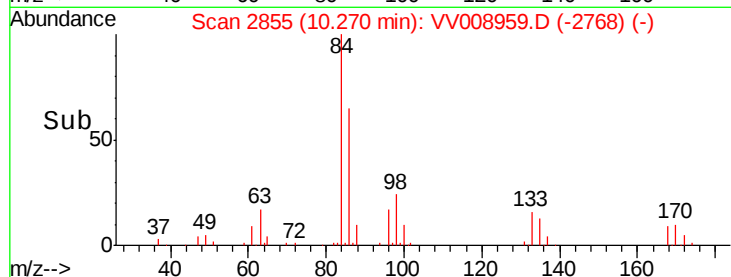
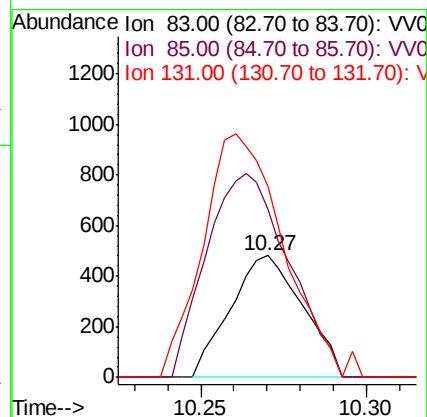
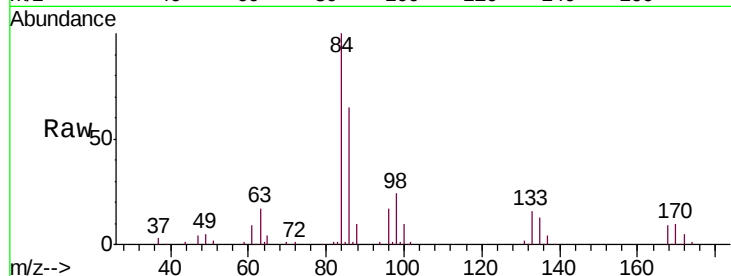
Tgt Ion: 83 Resp: 734

Ion Ratio Lower Upper

83 100

85 138.0 45.3 84.1#

131 157.2 9.2 13.8#



#59

1,2,3-Trichloropropane

Concen: 4.632 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008959.D

Acq: 15 Dec 2018 03:04

Tgt Ion: 75 Resp: 7864

Ion Ratio Lower Upper

75 100

77 38.0 25.8 38.8

