

Data File : VV008934.D
Acq On : 14 Dec 2018 17:05
Operator : SY/MD
Sample : J6367-20
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL56

Quant Time: Dec 14 23:43:55 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	199788	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54044	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.64%
7) Chloroethane-d5	1.56	69	38839	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	104809	38.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.08%
21) 2-Butanone-d5	3.93	46	87494	112.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.32%
24) Chloroform-d	4.41	84	122527	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	5.08	65	81449	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
32) Benzene-d6	5.10	84	251815	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
36) 1,2-Dichloropropane-d6	6.12	67	75221	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.30%
41) Toluene-d8	7.36	98	232447	49.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.22%
43) trans-1,3-Dichloropropene-	7.67	79	36403	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.70%
47) 2-Hexanone-d5	8.14	63	58613	105.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92860	47.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.90%
64) 1,2-Dichlorobenzene-d4	11.68	152	83827	51.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.12%

Target Compounds

					Qvalue	
9) Trichlorofluoromethane	2.13	101	910	0.408	ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	910	0.667	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1215	0.979	ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1339	0.698	ug/L #	74
34) Trichloroethene	5.96	95	5799	3.934	ug/L	92
37) 1,2-Dichloropropane	6.12	63	8597	6.513	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2026	0.962	ug/L #	25
44) trans-1,3-Dichloropropene	7.66	75	1618	0.825	ug/L #	75
48) 2-Hexanone	8.14	43	6735	5.303	ug/L #	71
58) 1,1,2,2-Tetrachloroethane	10.26	83	786	0.400	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8302	4.994	ug/L #	87

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

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ALS Vial      : 13      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
C0L56

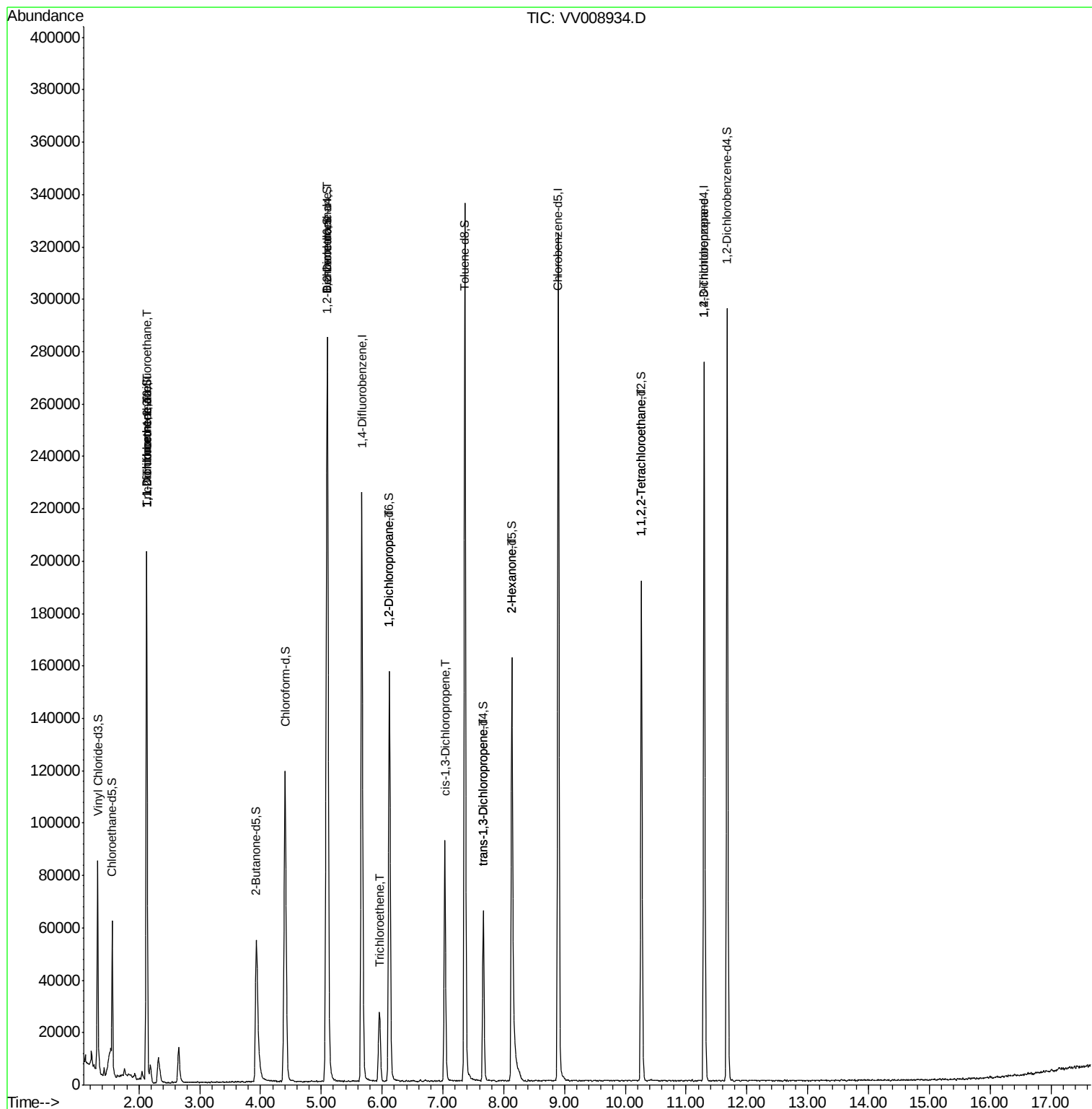
Quant Time: Dec 14 23:43:55 2018

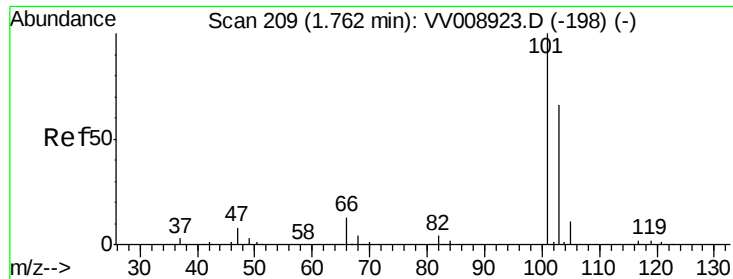
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Quant Title : VOC Analysis

QLast Update : Fri Dec 14 23:39:04 2018

Response via : Initial Calibration



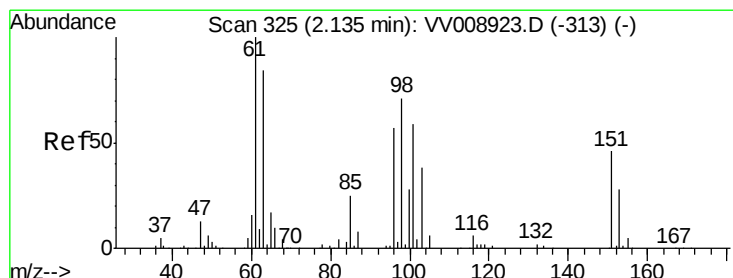
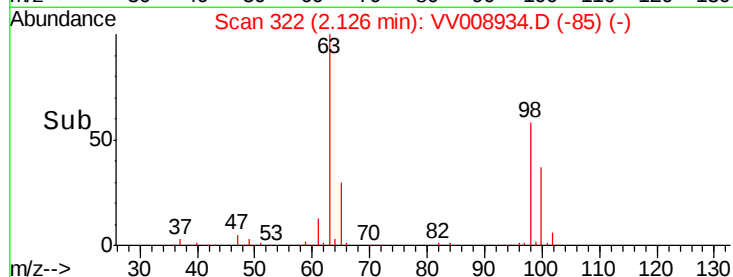
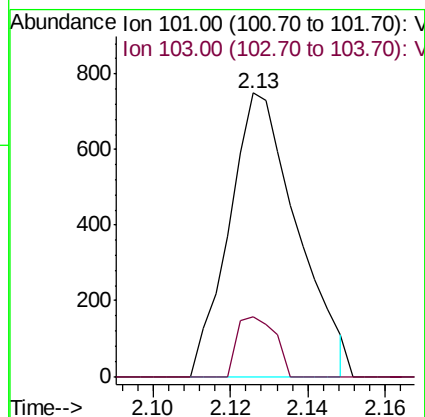
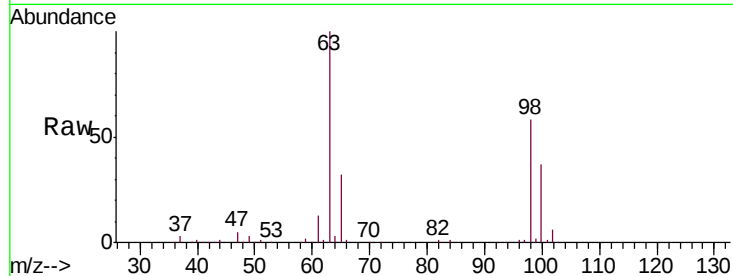


#9

Trichlorofluoromethane
 Concen: 0.408 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV008934.D
 Acq: 14 Dec 2018 17:05

Instrument :
 MSVOA_V
 ClientSampleId :
 COL56

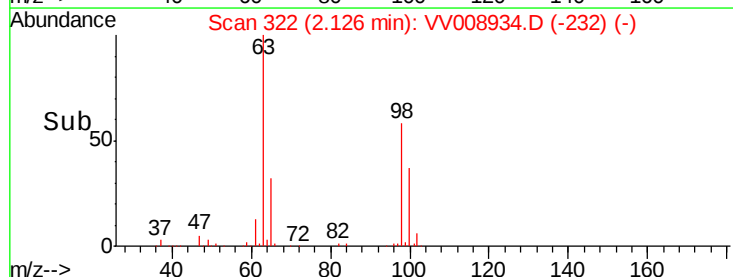
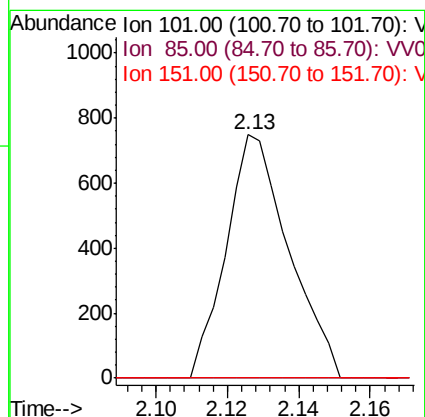
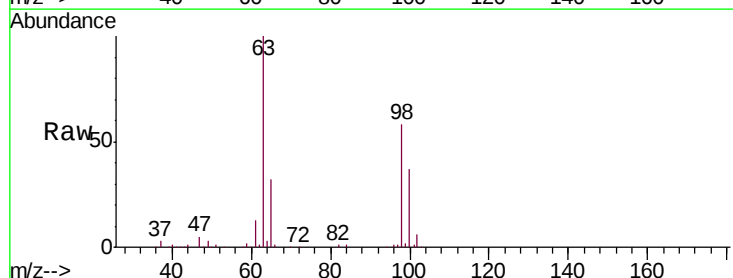
Tgt Ion:101 Resp: 910
 Ion Ratio Lower Upper
 101 100
 103 11.6 51.5 77.3#

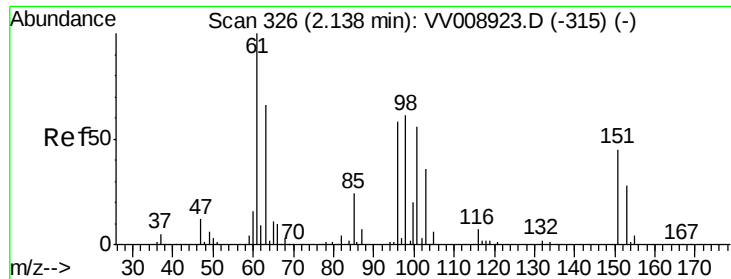


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.667 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008934.D
 Acq: 14 Dec 2018 17:05

Tgt Ion:101 Resp: 910
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

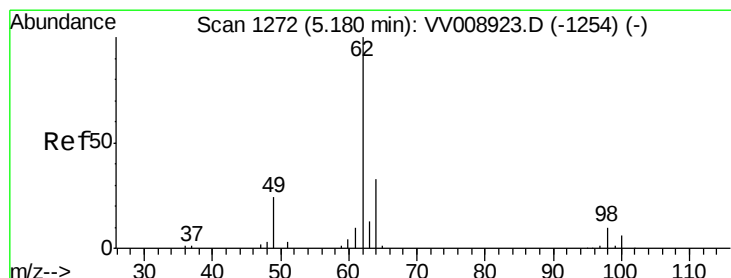
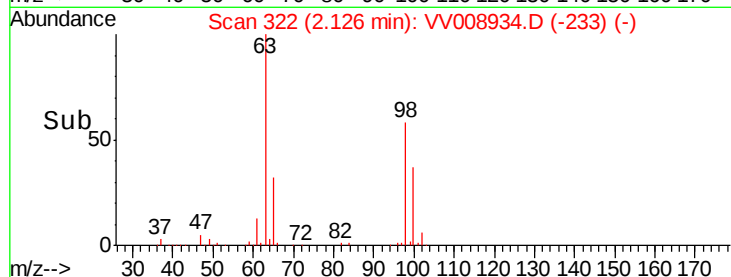
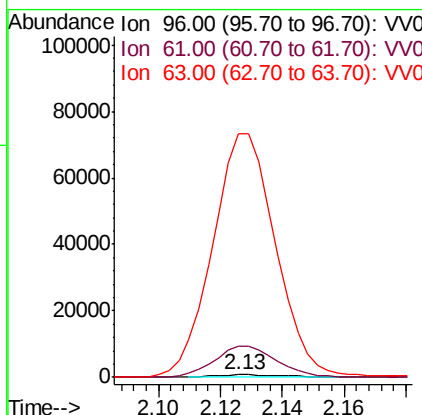
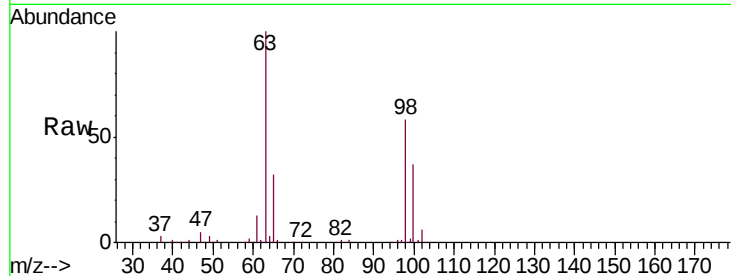




#12
 1,1-Dichloroethene
 Concen: 0.979 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008934.D
 Acq: 14 Dec 2018 17:05

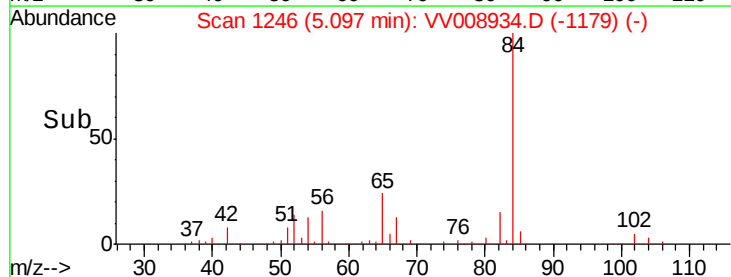
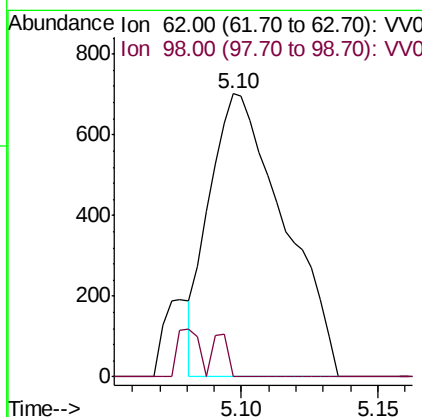
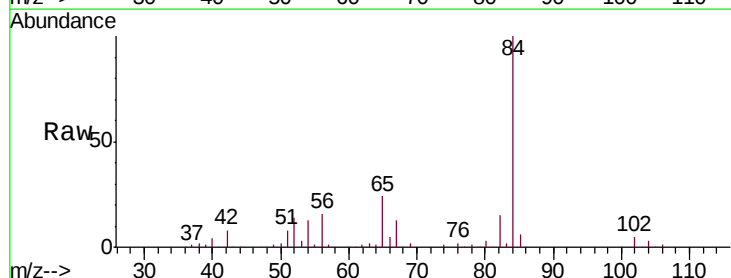
Instrument :
 MSVOA_V
 ClientSampleID :
 COL56

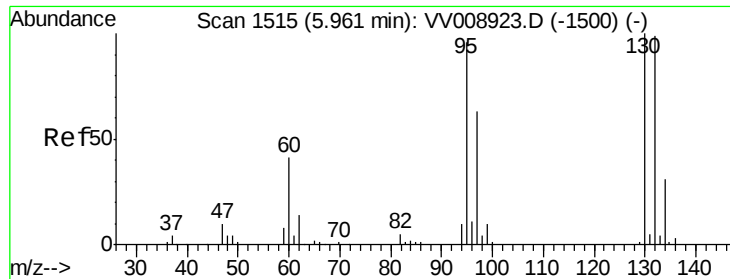
Tgt Ion: 96 Resp: 1215
 Ion Ratio Lower Upper
 96 100
 61 1265.3 119.1 221.3#
 63 9964.6 96.0 178.2#



#27
 1,2-Dichloroethane
 Concen: 0.698 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV008934.D
 Acq: 14 Dec 2018 17:05

Tgt Ion: 62 Resp: 1339
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 3.934 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008934.D

Acq: 14 Dec 2018 17:05

Instrument :

MSVOA_V

ClientSampleId :

COL56

Tgt Ion: 95 Resp: 5799

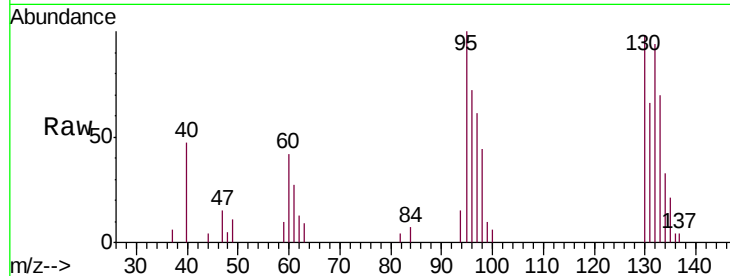
Ion Ratio Lower Upper

95 100

97 60.6 45.7 84.9

132 93.5 72.2 134.2

130 98.2 73.8 137.2

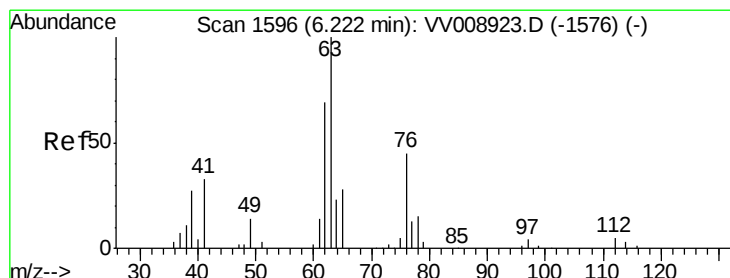
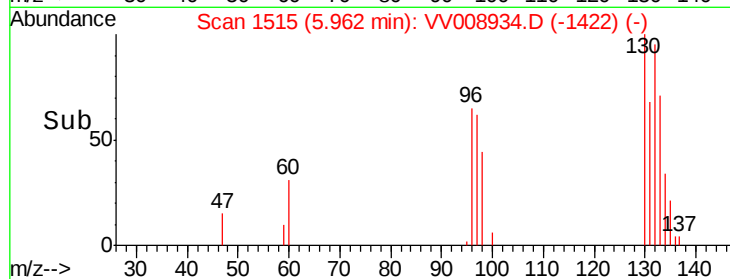
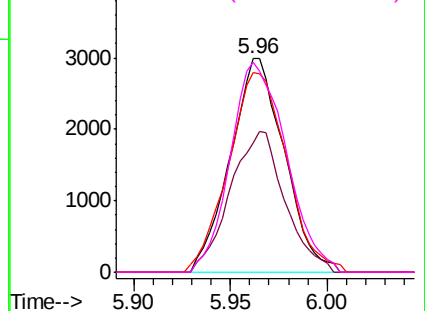


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 6.513 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008934.D

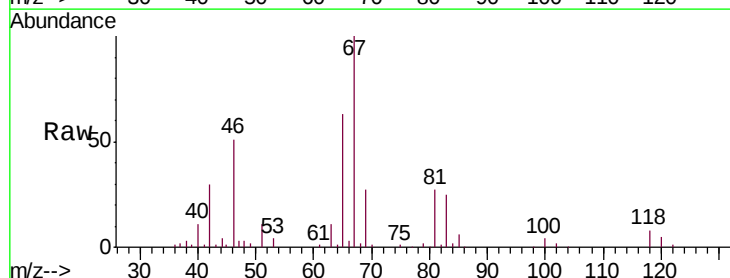
Acq: 14 Dec 2018 17:05

Tgt Ion: 63 Resp: 8597

Ion Ratio Lower Upper

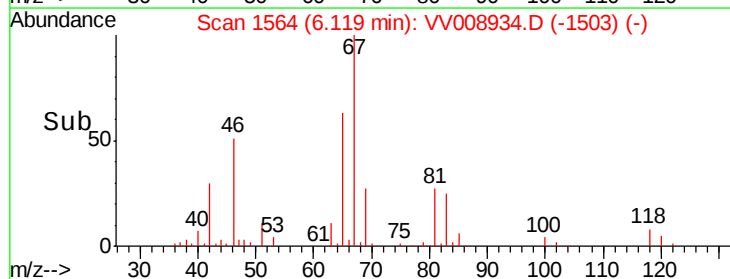
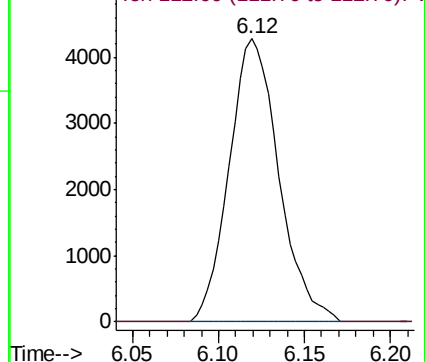
63 100

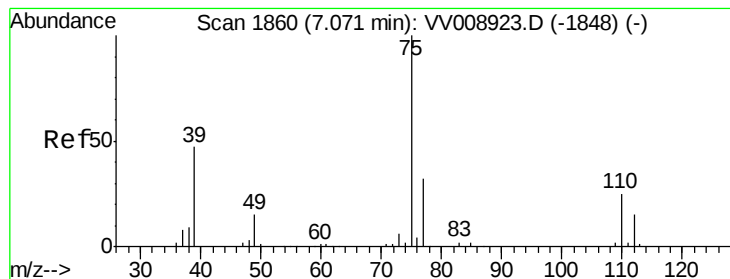
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



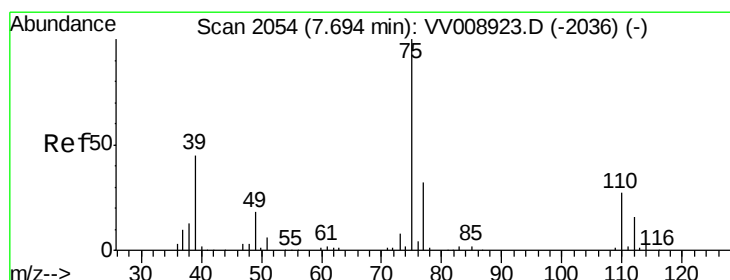
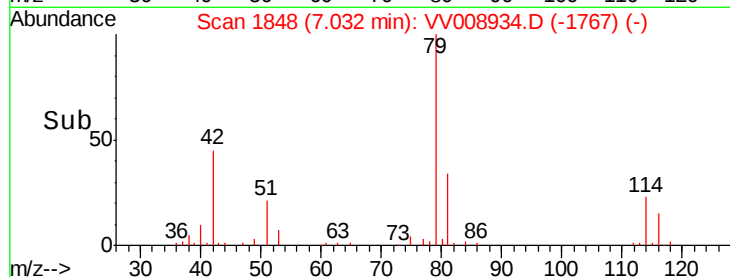
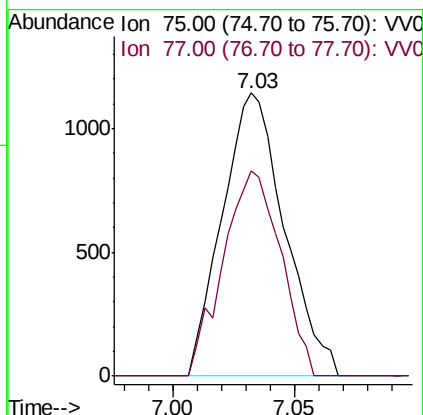
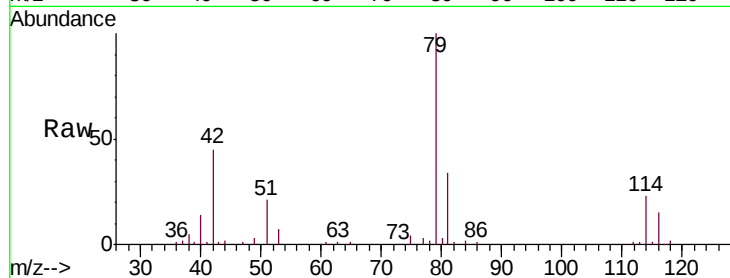


#39

cis-1,3-Dichloropropene
Concen: 0.962 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008934.D
Acq: 14 Dec 2018 17:05

Instrument :
MSVOA_V
ClientSampleId :
COL56

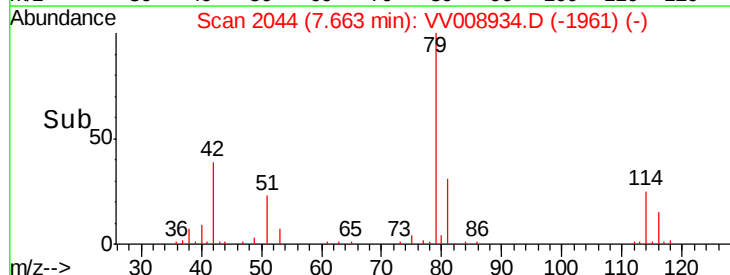
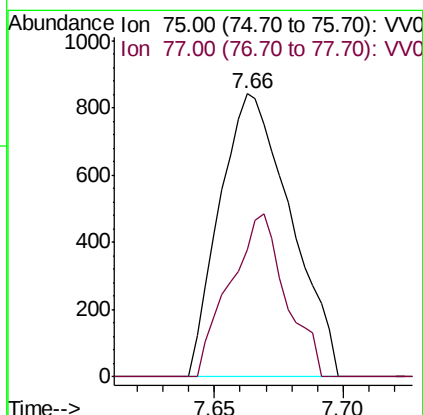
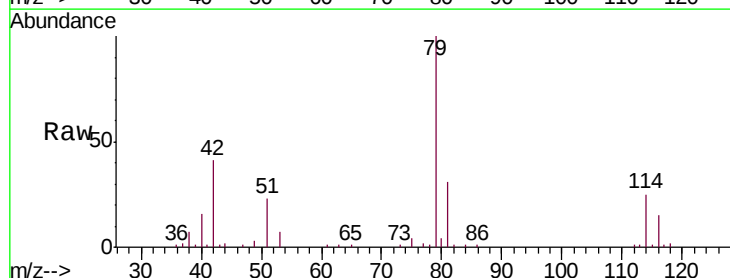
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Ion Ratio Lower Upper
75 100
77 72.4 21.8 40.4#

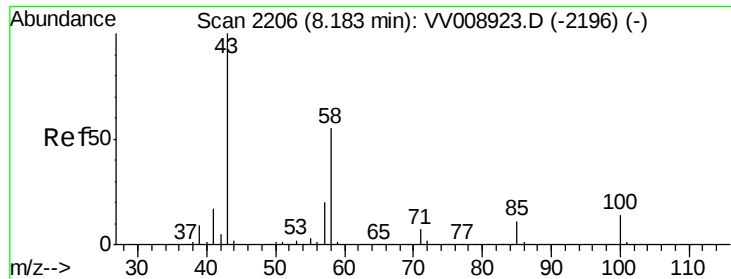


#44

trans-1,3-Dichloropropene
Concen: 0.825 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV008934.D
Acq: 14 Dec 2018 17:05

Tgt Ion: 75 Resp: 1618
Ion Ratio Lower Upper
75 100
77 44.9 21.6 40.2#

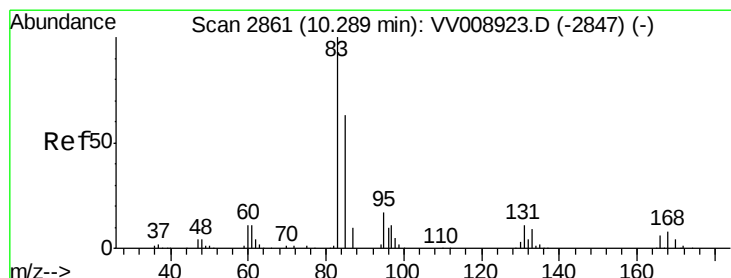
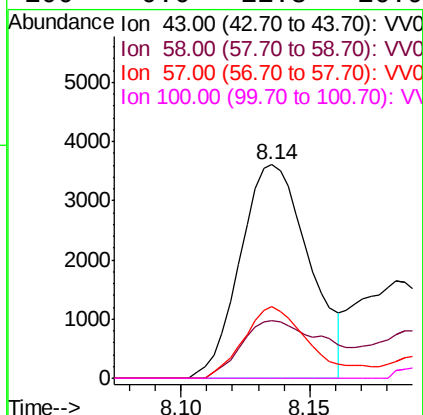
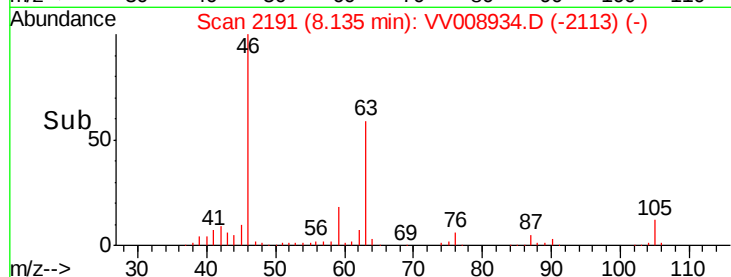
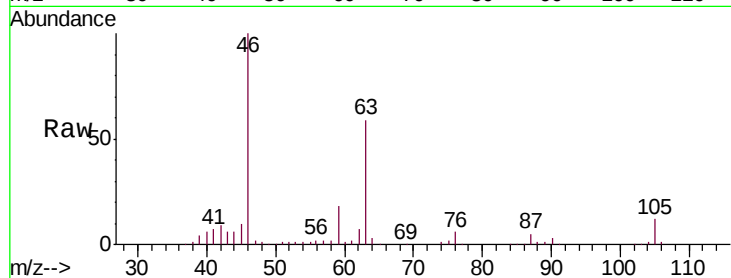




#48
2-Hexanone
Concen: 5.303 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV008934.D
Acq: 14 Dec 2018 17:05

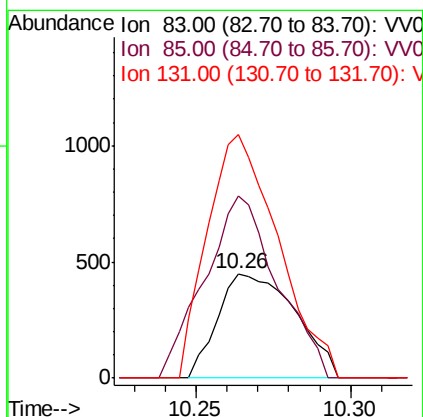
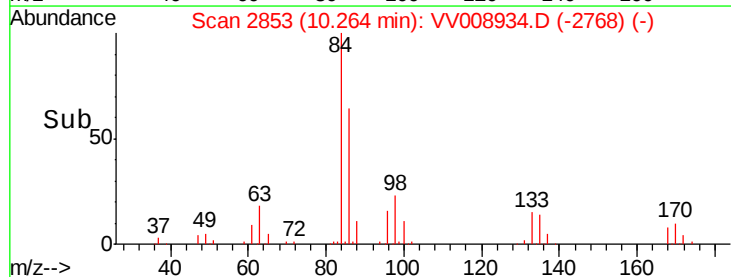
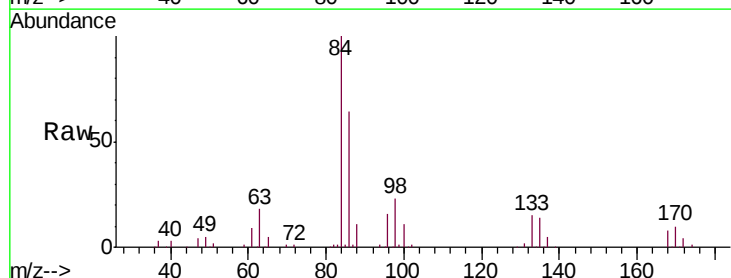
Instrument :
MSVOA_V
ClientSampled :
COL56

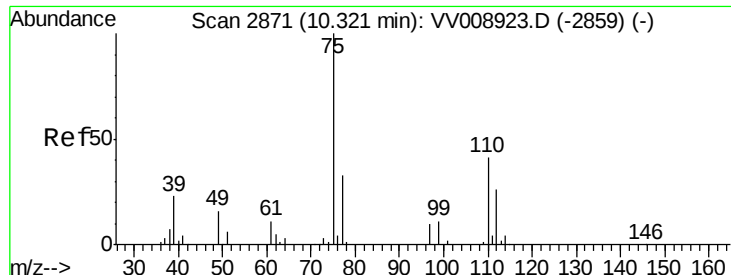
Tgt Ion: 43 Resp: 6735
Ion Ratio Lower Upper
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58 32.0 42.7 64.1#
57 30.6 15.7 23.5#
100 0.0 11.3 16.9#



#58
1,1,2,2-Tetrachloroethane
Concen: 0.400 ug/L
RT: 10.26 min Scan# 2853
Delta R.T. -0.03 min
Lab File: VV008934.D
Acq: 14 Dec 2018 17:05

Tgt Ion: 83 Resp: 786
Ion Ratio Lower Upper
83 100
85 174.4 45.3 84.1#
131 233.2 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 4.994 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV008934.D
 Acq: 14 Dec 2018 17:05

Instrument :
 MSVOA_V
 ClientSampleId :
 COL56

Tgt Ion: 75 Resp: 8302
 Ion Ratio Lower Upper
 75 100
 77 39.4 25.8 38.8#

