

Data File : VV008950.D
Acq On : 14 Dec 2018 23:28
Operator : SY/MD
Sample : J6387-03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLA5

Quant Time: Dec 15 01:04:07 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	208915	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48478	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.46%
7) Chloroethane-d5	1.56	69	37457	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.56%
11) 1,1-Dichloroethene-d2	2.13	63	104920	36.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.82%
21) 2-Butanone-d5	3.93	46	86727	106.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.47%
24) Chloroform-d	4.41	84	117066	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.08	65	78933	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
32) Benzene-d6	5.10	84	240164	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
36) 1,2-Dichloropropane-d6	6.12	67	74177	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.08%
41) Toluene-d8	7.36	98	222205	45.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.18%
43) trans-1,3-Dichloropropene-	7.67	79	34221	43.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.48%
47) 2-Hexanone-d5	8.13	63	55600	96.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91925	45.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.26%
64) 1,2-Dichlorobenzene-d4	11.68	152	79434	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

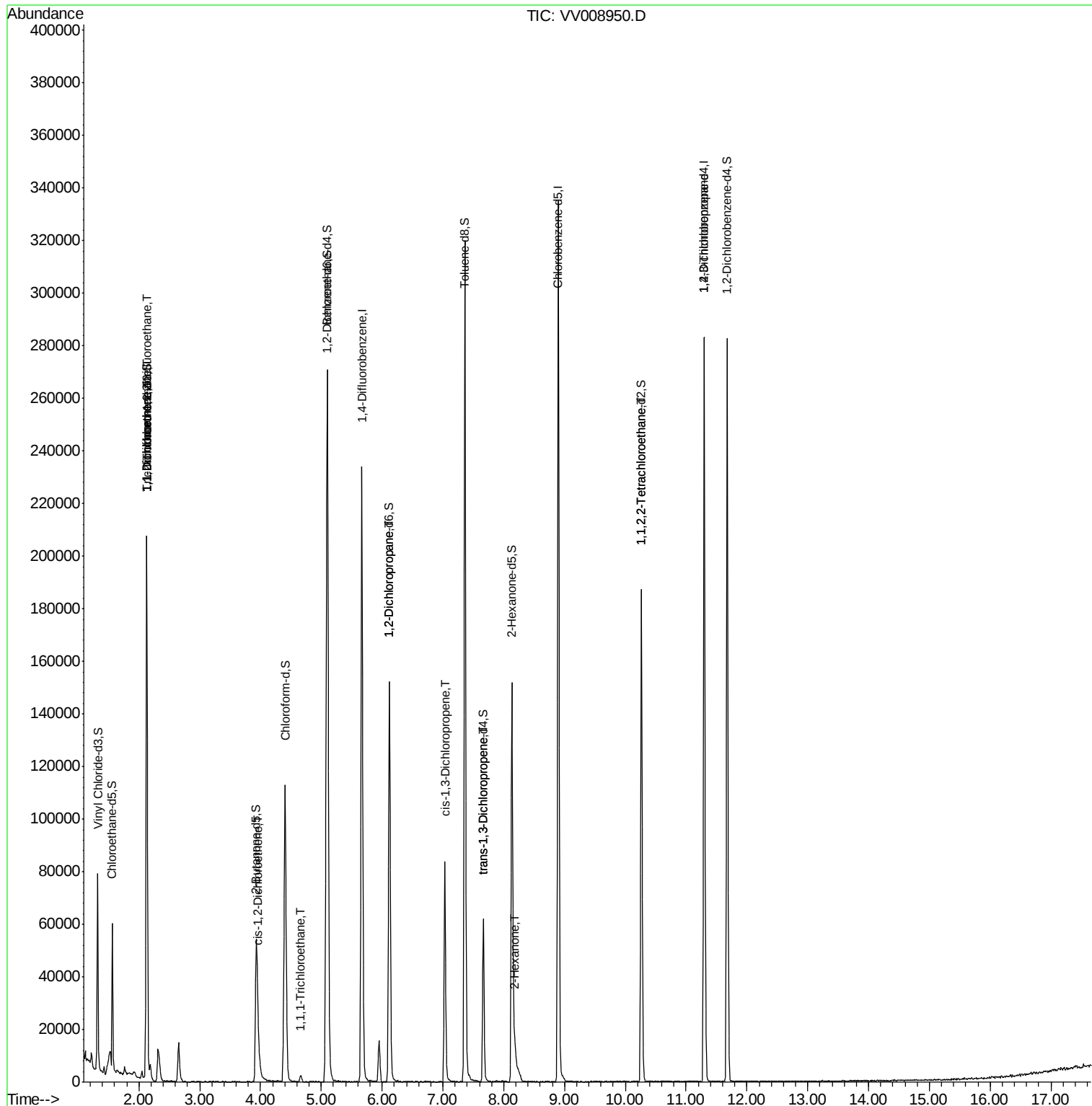
					Qvalue	
9) Trichlorofluoromethane	2.13	101	911	0.391	ug/L #	35
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	911	0.639	ug/L #	21
12) 1,1-Dichloroethene	2.14	96	8343	6.432	ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	1555	1.033	ug/L #	67
30) 1,1,1-Trichloroethane	4.66	97	2084	0.883	ug/L #	91
37) 1,2-Dichloropropane	6.12	63	7922	5.769	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2177	0.994	ug/L #	64
44) trans-1,3-Dichloropropene	7.67	75	1421	0.696	ug/L #	73
48) 2-Hexanone	8.19	43	3333	2.523	ug/L #	73
58) 1,1,2,2-Tetrachloroethane	10.27	83	676	0.331	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8564	4.952	ug/L	90

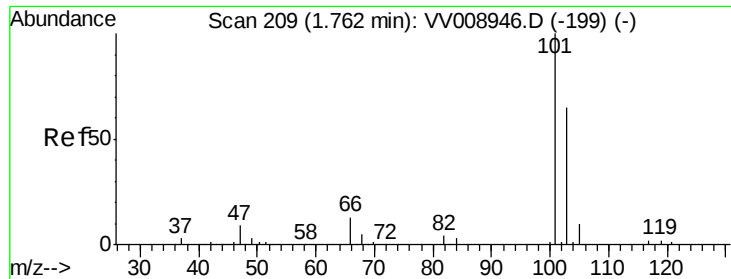
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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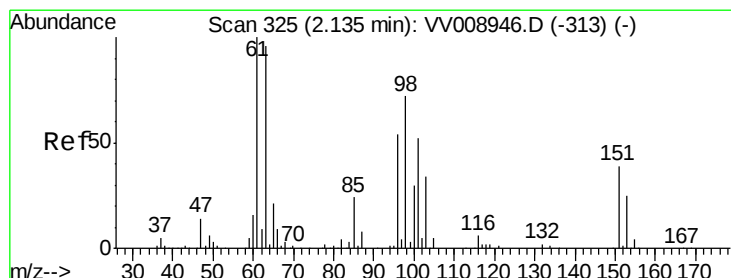
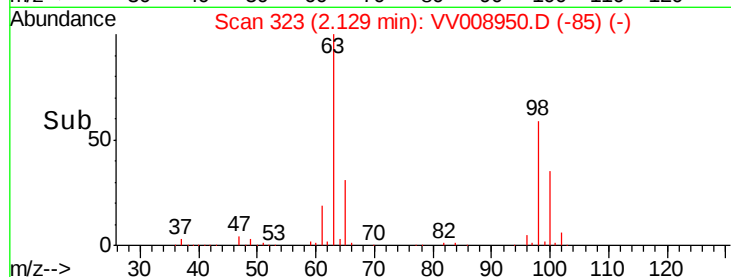
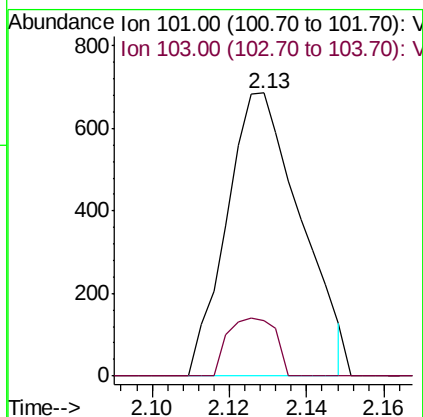
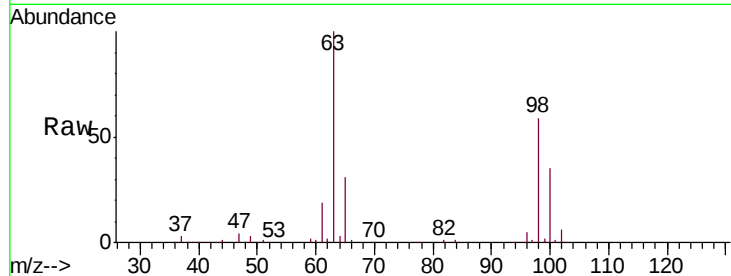


#9

Trichlorofluoromethane
 Concen: 0.391 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008950.D
 Acq: 14 Dec 2018 23:28

Instrument :
 MSVOA_V
 ClientSampleId :
 COLA5

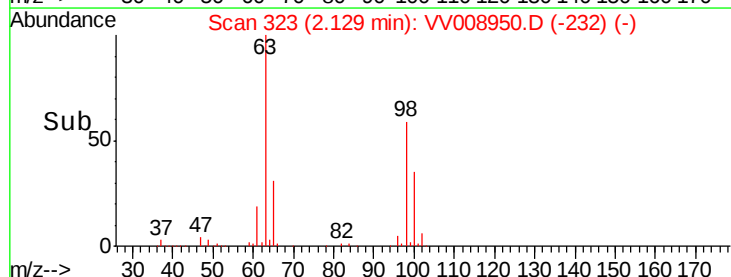
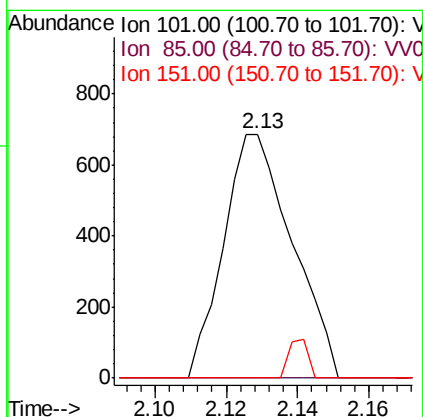
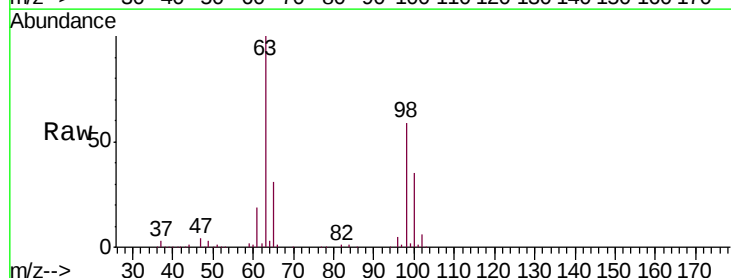
Tgt Ion:101 Resp: 911
 Ion Ratio Lower Upper
 101 100
 103 13.1 51.5 77.3#

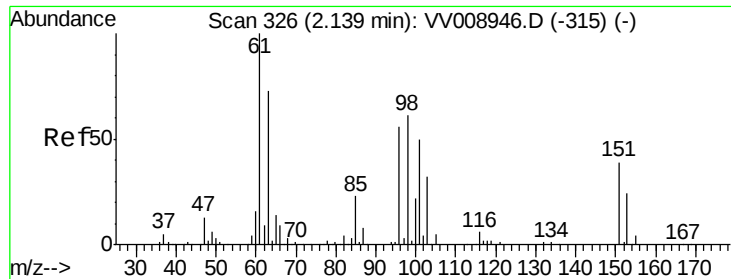


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.639 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008950.D
 Acq: 14 Dec 2018 23:28

Tgt Ion:101 Resp: 911
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 4.5 63.8 95.8#

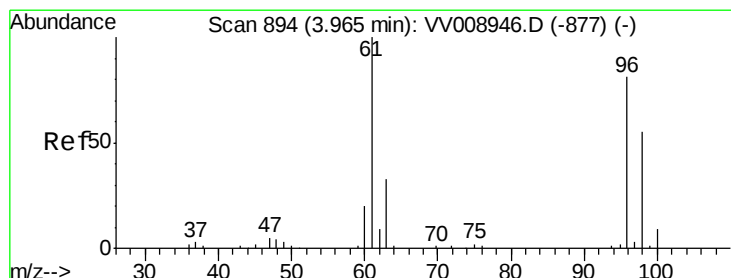
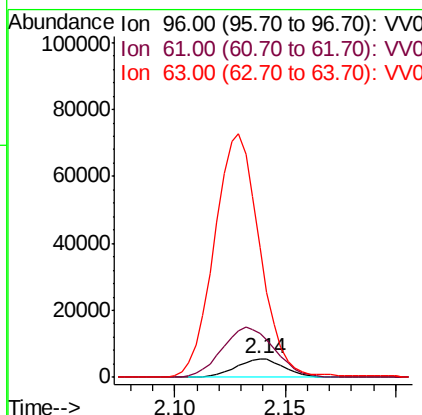
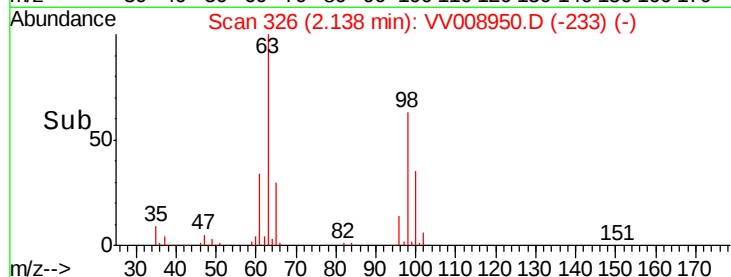
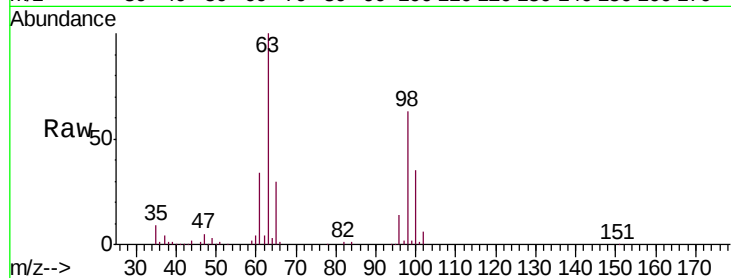




#12
 1,1-Dichloroethene
 Concen: 6.432 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV008950.D
 Acq: 14 Dec 2018 23:28

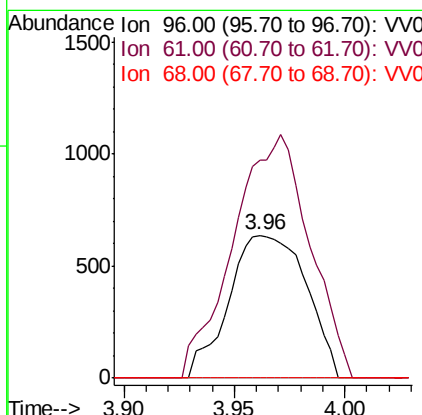
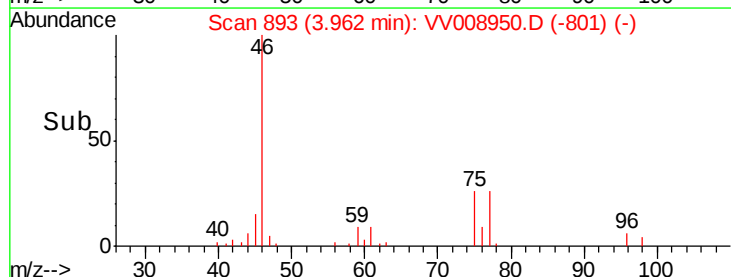
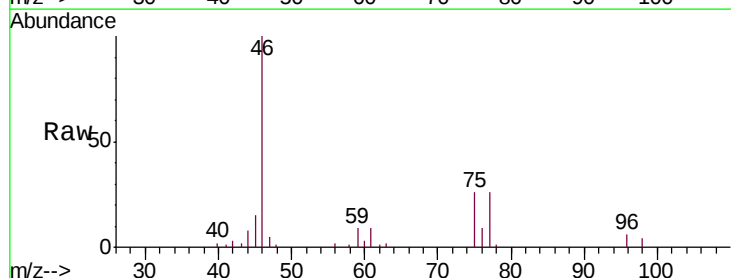
Instrument :
 MSVOA_V
 ClientSampleId :
 C0LA5

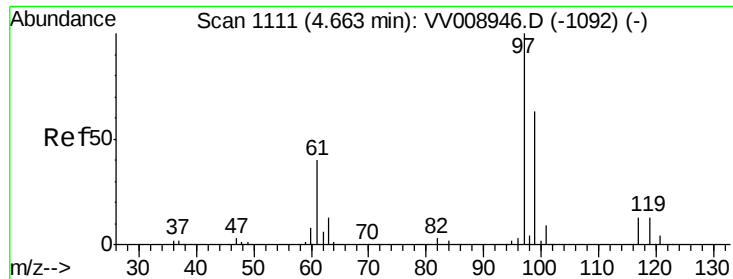
Tgt Ion: 96 Resp: 8343
 Ion Ratio Lower Upper
 96 100
 61 239.2 119.1 221.3#
 63 710.8 96.0 178.2#



#20
 cis-1,2-Dichloroethene
 Concen: 1.033 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV008950.D
 Acq: 14 Dec 2018 23:28

Tgt Ion: 96 Resp: 1555
 Ion Ratio Lower Upper
 96 100
 61 152.7 81.9 152.1#
 68 0.0 0.0 0.0

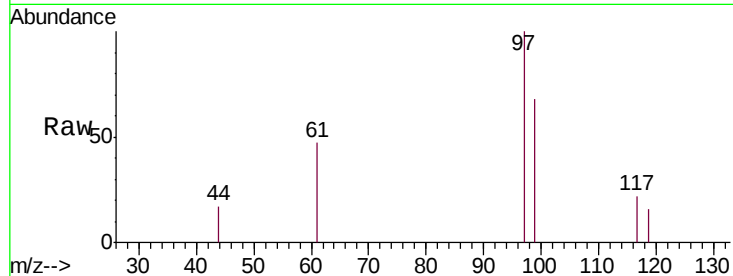




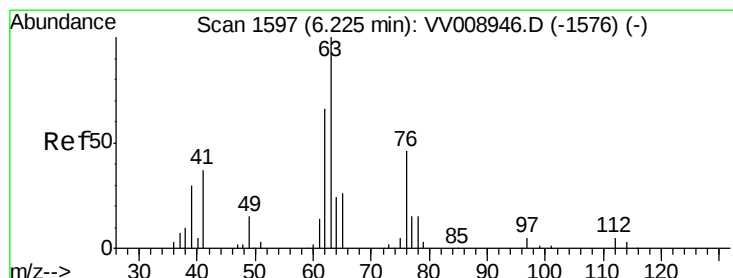
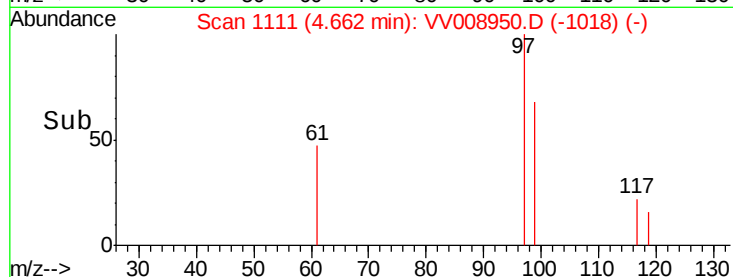
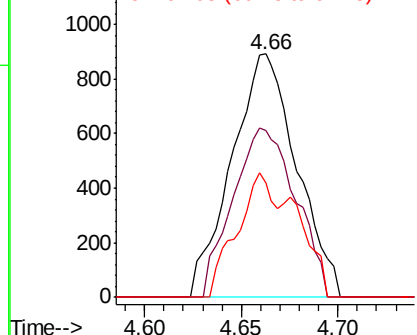
#30
 1,1,1-Trichloroethane
 Concen: 0.883 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VV008950.D
 Acq: 14 Dec 2018 23:28

Instrument :
 MSVOA_V
 ClientSampleId :
 COLA5

Tgt Ion: 97 Resp: 2084
 Ion Ratio Lower Upper
 97 100
 99 67.3 51.7 77.5
 61 29.9 32.5 48.7#

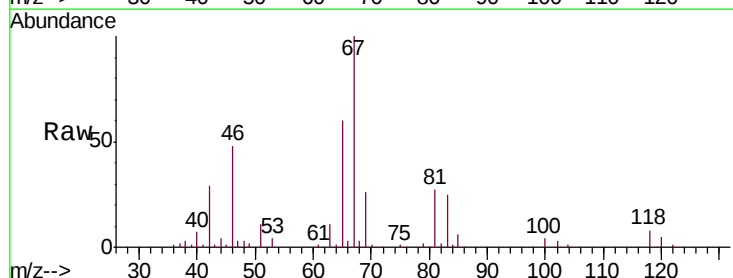


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0

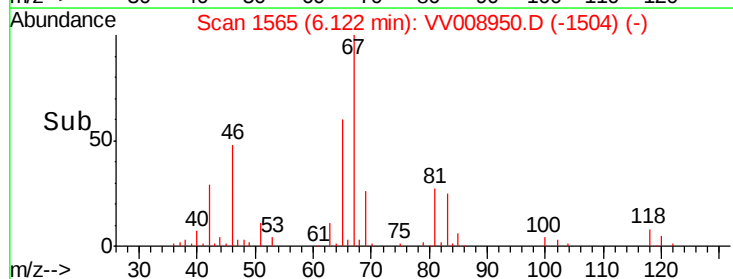
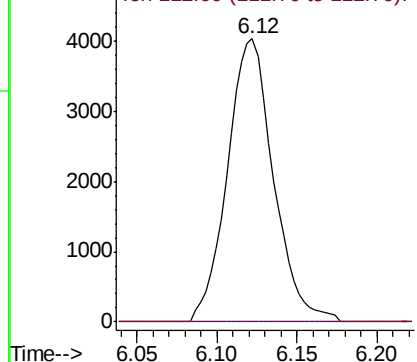


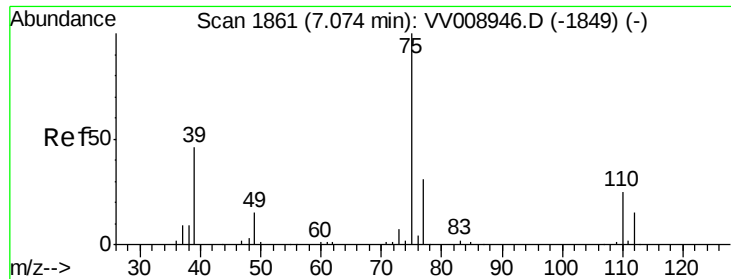
#37
 1,2-Dichloropropane
 Concen: 5.769 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008950.D
 Acq: 14 Dec 2018 23:28

Tgt Ion: 63 Resp: 7922
 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



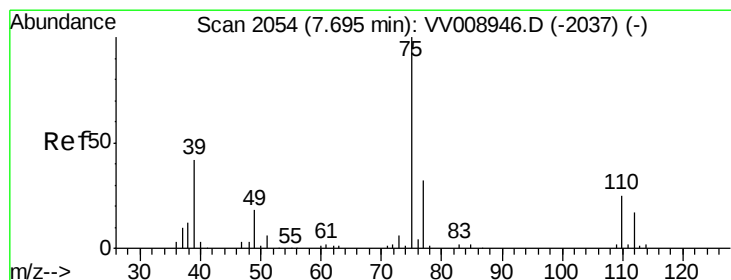
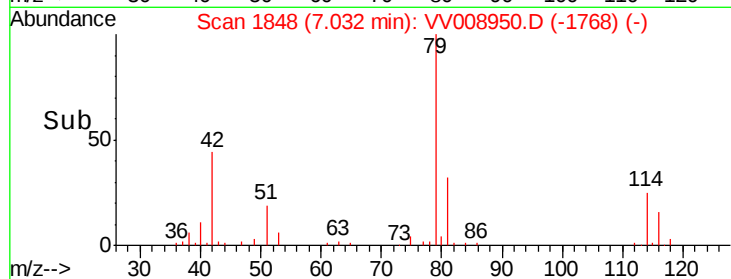
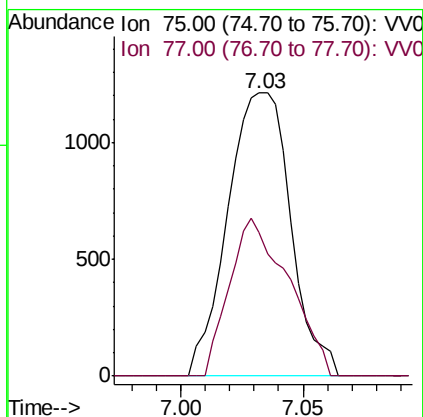
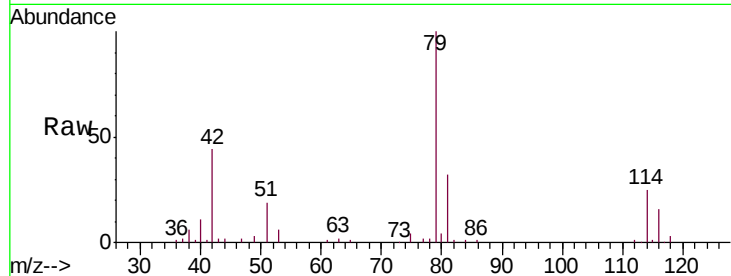


#39

cis-1,3-Dichloropropene
Concen: 0.994 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008950.D
Acq: 14 Dec 2018 23:28

Instrument :
MSVOA_V
ClientSampled :
COLA5

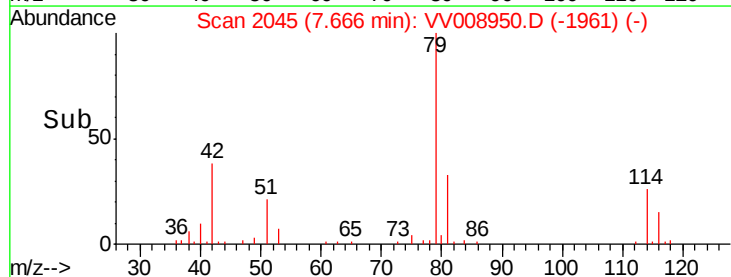
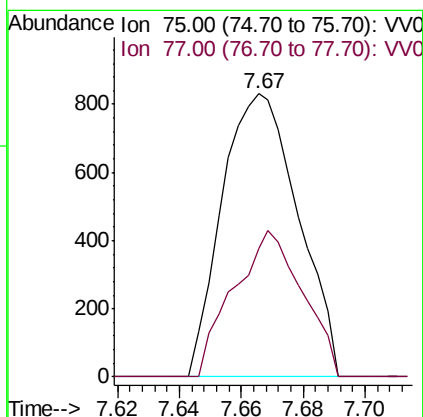
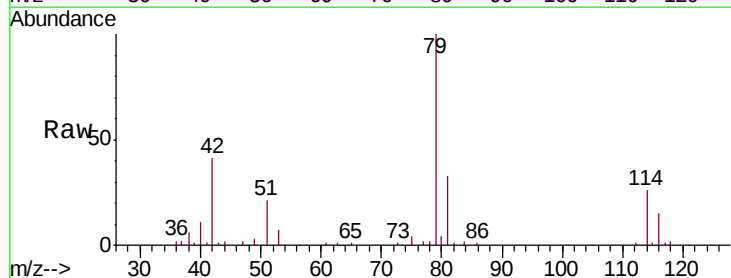
Tgt Ion: 75 Resp: 2177
Ion Ratio Lower Upper
75 100
77 50.7 21.8 40.4#

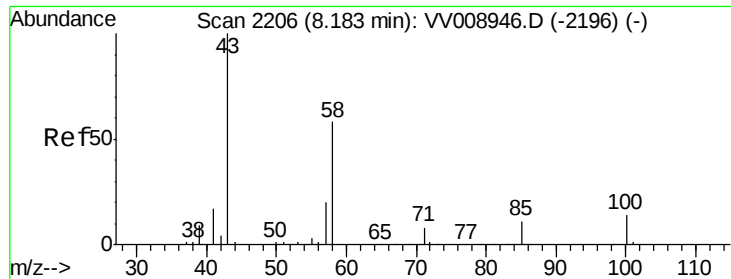


#44

trans-1,3-Dichloropropene
Concen: 0.696 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008950.D
Acq: 14 Dec 2018 23:28

Tgt Ion: 75 Resp: 1421
Ion Ratio Lower Upper
75 100
77 45.5 21.6 40.2#

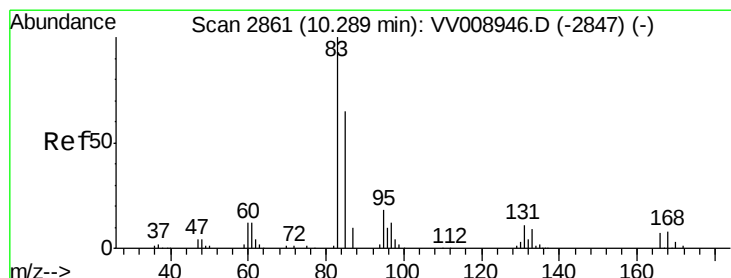
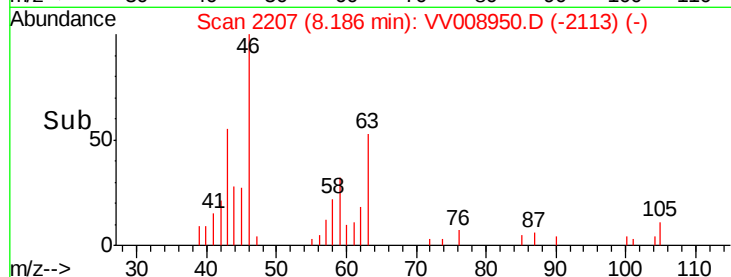
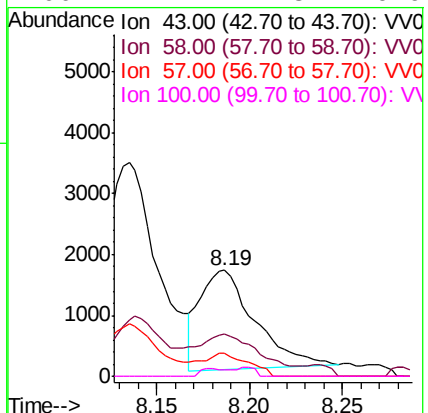
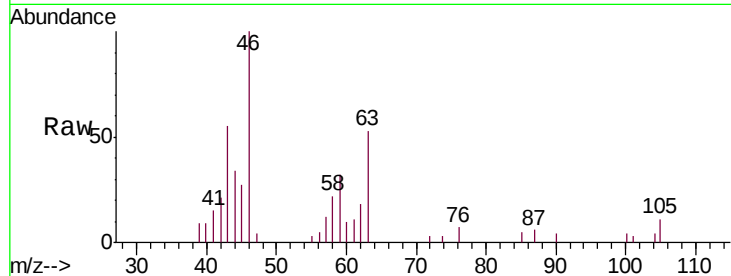




#48
 2-Hexanone
 Concen: 2.523 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV008950.D
 Acq: 14 Dec 2018 23:28

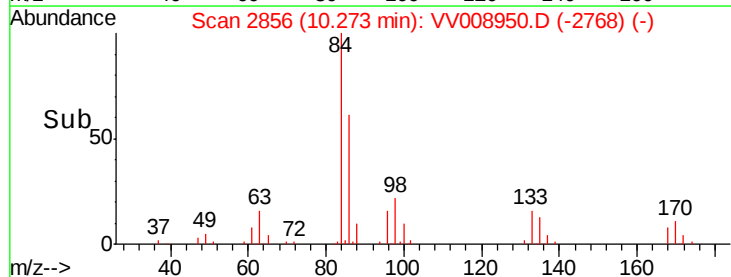
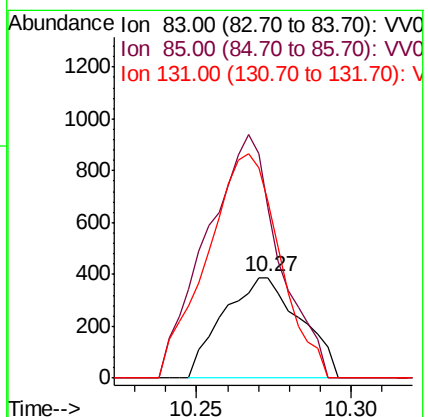
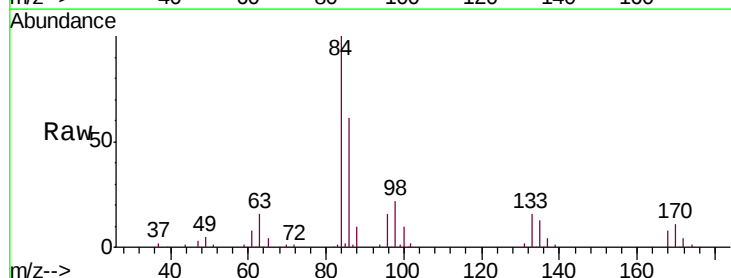
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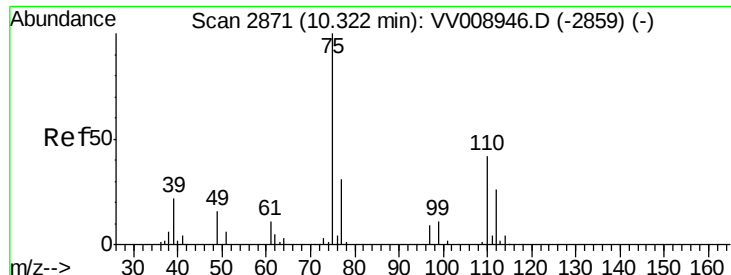
Tgt Ion: 43 Resp: 3333
 Ion Ratio Lower Upper
 43 100
 58 29.3 42.7 64.1#
 57 16.6 15.7 23.5
 100 2.7 11.3 16.9#



#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.331 ug/L
 RT: 10.27 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: VV008950.D
 Acq: 14 Dec 2018 23:28

Tgt Ion: 83 Resp: 676
 Ion Ratio Lower Upper
 83 100
 85 169.1 45.3 84.1#
 131 176.0 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 4.952 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008950.D

Acq: 14 Dec 2018 23:28

Instrument :

MSVOA_V

ClientSampleId :

C0LA5

Tgt Ion: 75 Resp: 8564

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.8

