

Data File : VV008951.D
Acq On : 14 Dec 2018 23:52
Operator : SY/MD
Sample : J6387-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLA6

Quant Time: Dec 15 01:04:18 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	208162	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191783	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81198	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50134	41.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.48%
7) Chloroethane-d5	1.56	69	38314	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.16%
11) 1,1-Dichloroethene-d2	2.13	63	104935	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
21) 2-Butanone-d5	3.93	46	88524	109.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.07%
24) Chloroform-d	4.41	84	120887	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
26) 1,2-Dichloroethane-d4	5.08	65	82820	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.26%
32) Benzene-d6	5.10	84	244906	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
36) 1,2-Dichloropropane-d6	6.12	67	75391	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.36	98	226925	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%
43) trans-1,3-Dichloropropene-	7.67	79	35688	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
47) 2-Hexanone-d5	8.14	63	57200	99.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.51%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92474	46.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	81754	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

Target Compounds

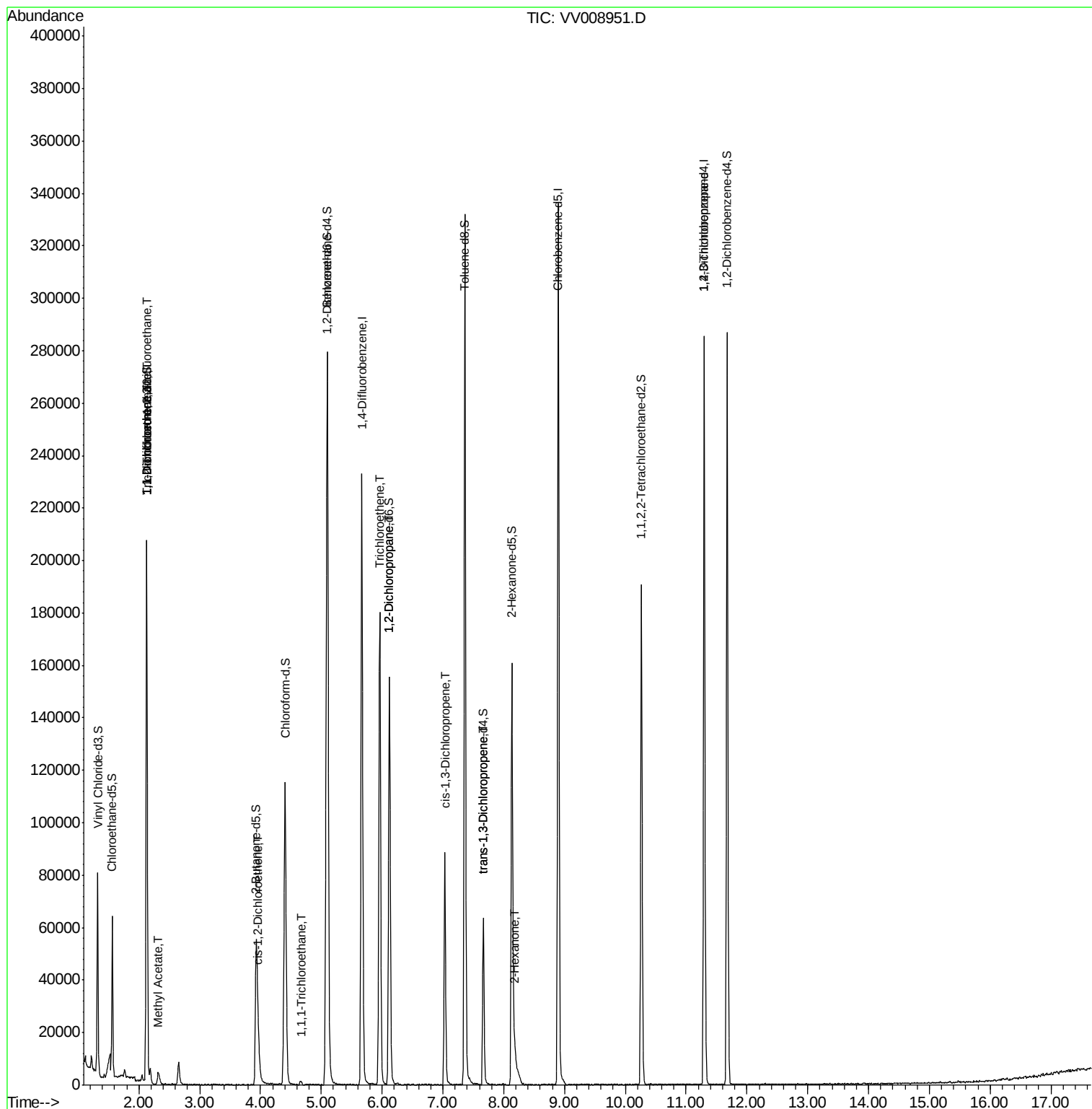
						Qvalue
9) Trichlorofluoromethane	2.13	101	952	0.410	ug/L #	27
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	952	0.670	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	5072	3.924	ug/L #	1
15) Methyl Acetate	2.31	43	1647	1.247	ug/L #	49
20) cis-1,2-Dichloroethene	3.97	96	3579	2.385	ug/L	84
30) 1,1,1-Trichloroethane	4.66	97	1457	0.620	ug/L #	63
34) Trichloroethene	5.96	95	60000	39.316	ug/L	98
37) 1,2-Dichloropropane	6.12	63	8105	5.930	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2074	0.952	ug/L #	58
44) trans-1,3-Dichloropropene	7.66	75	1672	0.823	ug/L #	82
48) 2-Hexanone	8.18	43	2398	1.824	ug/L #	77
59) 1,2,3-Trichloropropane	11.30	75	8895	5.168	ug/L	97

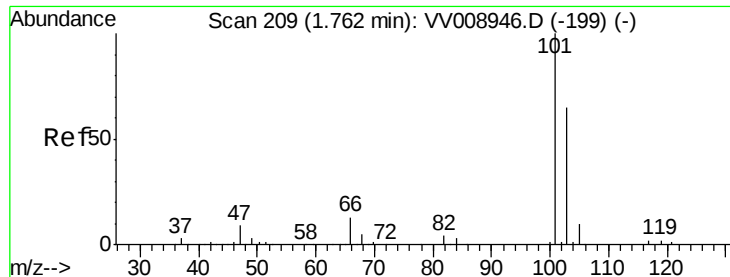
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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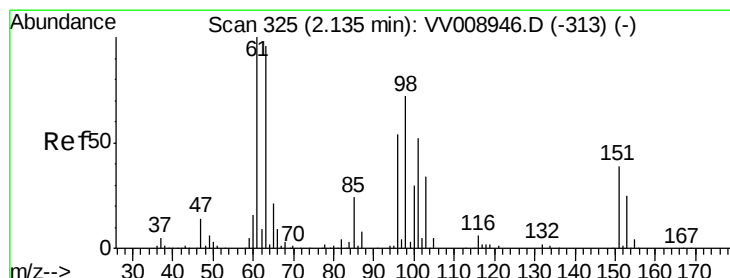
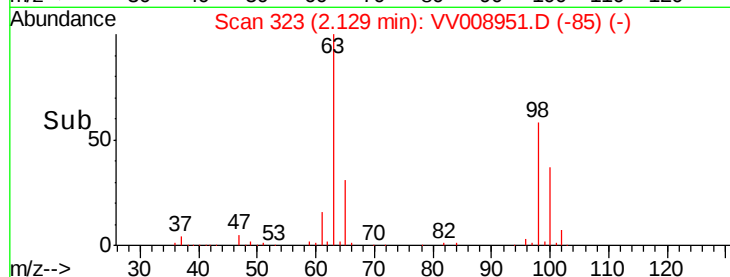
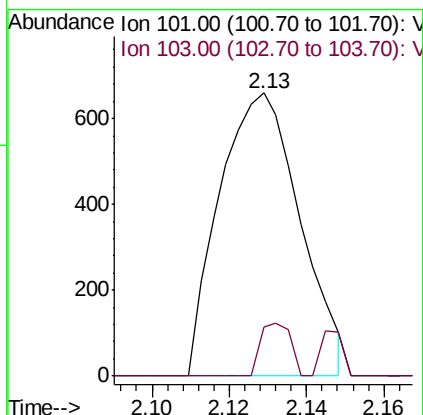
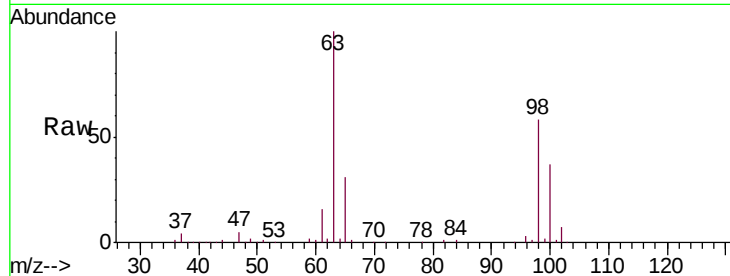


#9

Trichlorofluoromethane
 Concen: 0.410 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008951.D
 Acq: 14 Dec 2018 23:52

Instrument :
 MSVOA_V
 ClientSampleId :
 COLA6

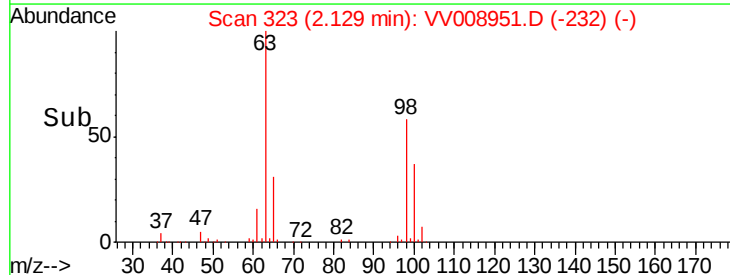
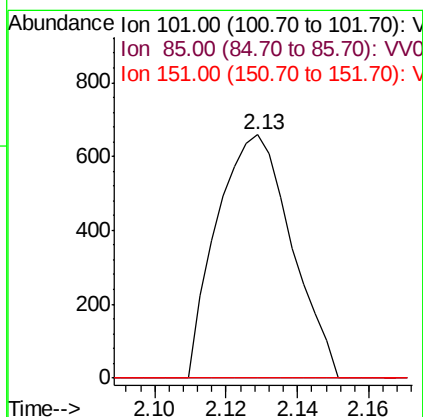
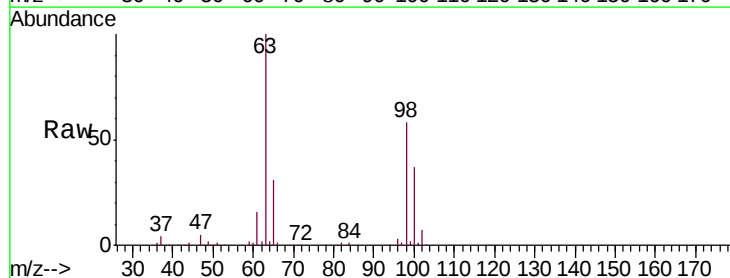
Tgt Ion:101 Resp: 952
 Ion Ratio Lower Upper
 101 100
 103 6.9 51.5 77.3#

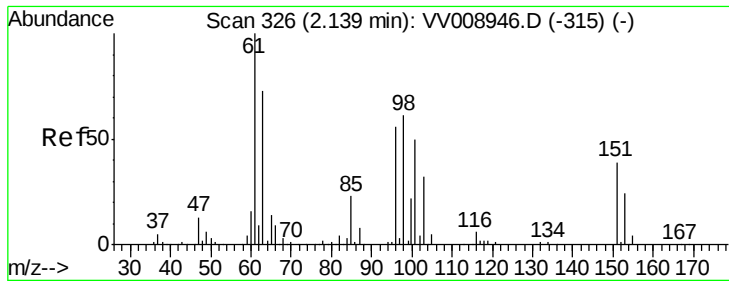


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.670 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008951.D
 Acq: 14 Dec 2018 23:52

Tgt Ion:101 Resp: 952
 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: 3.924 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008951.D

Acq: 14 Dec 2018 23:52

Instrument :

MSVOA_V

ClientSampleId :

C0LA6

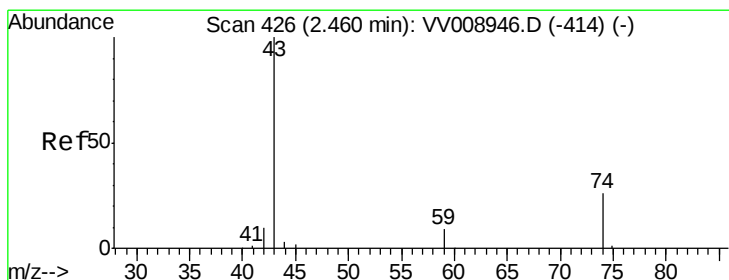
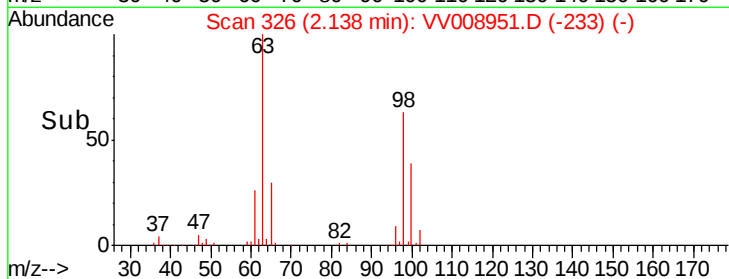
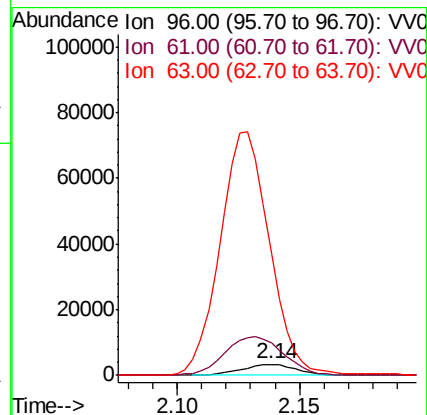
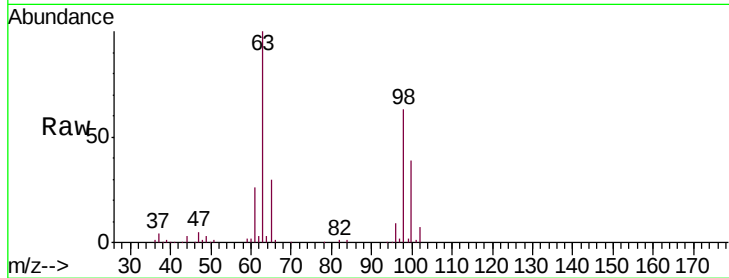
Tgt Ion: 96 Resp: 5072

Ion Ratio Lower Upper

96 100

61 297.8 119.1 221.3#

63 1136.4 96.0 178.2#



#15

Methyl Acetate

Concen: 1.247 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.15 min

Lab File: VV008951.D

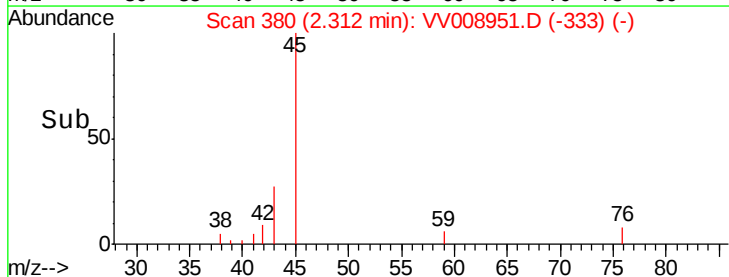
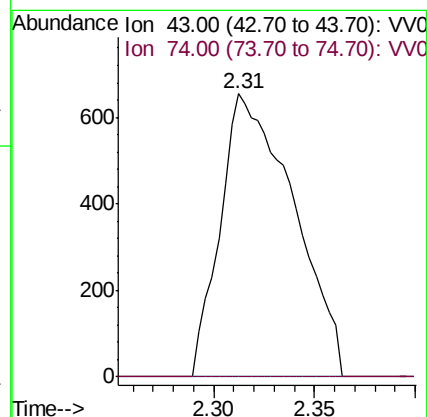
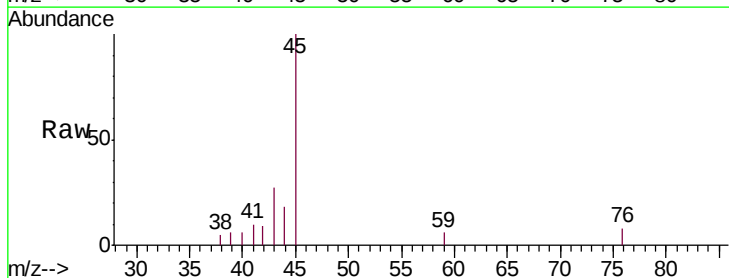
Acq: 14 Dec 2018 23:52

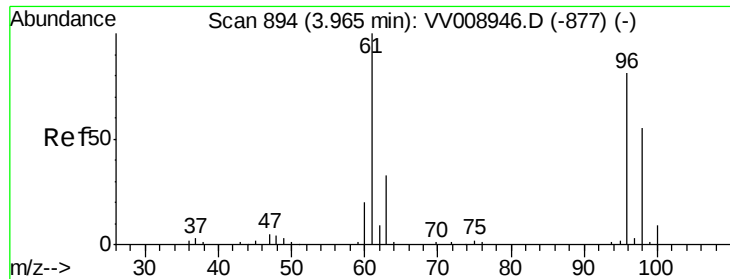
Tgt Ion: 43 Resp: 1647

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.6#

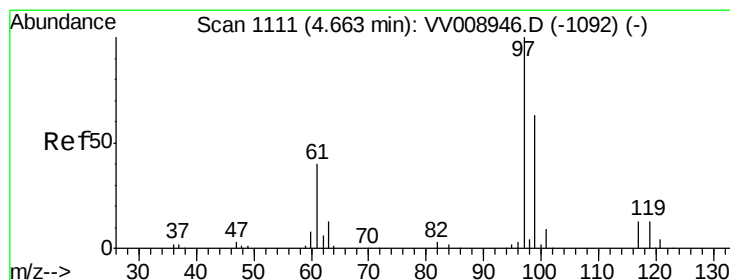
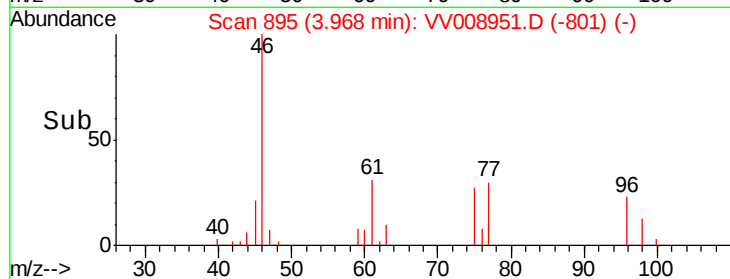
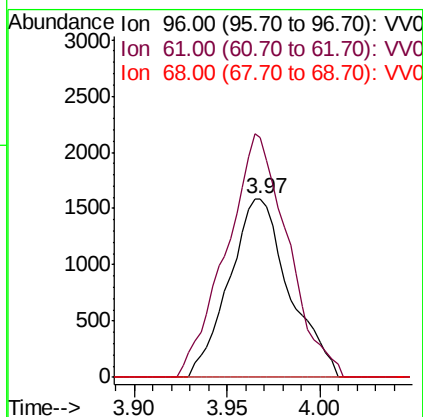
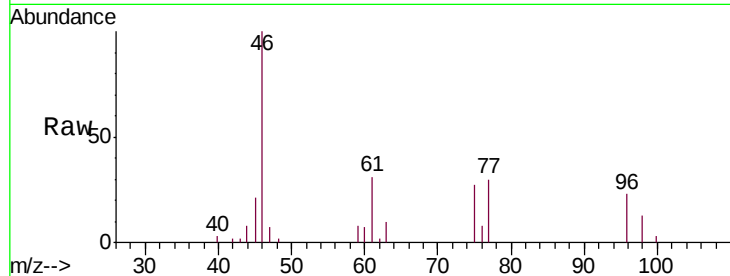




#20
 cis-1,2-Dichloroethene
 Concen: 2.385 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008951.D
 Acq: 14 Dec 2018 23:52

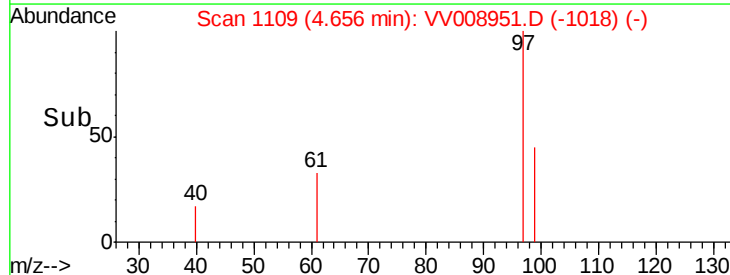
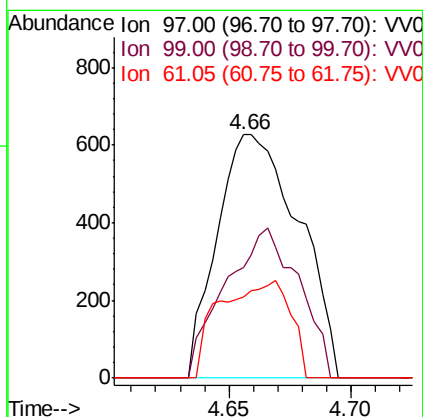
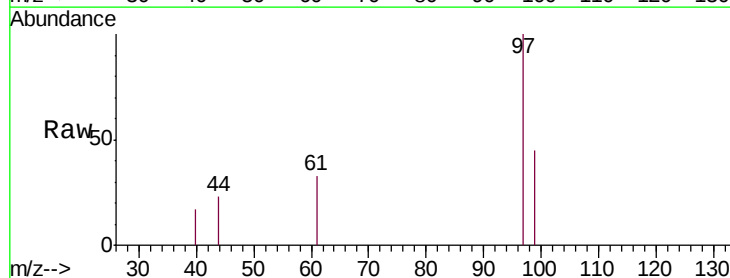
Instrument :
 MSVOA_V
 ClientSampleId :
 COLA6

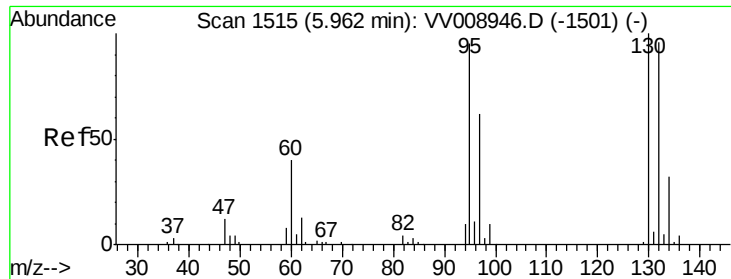
Tgt Ion: 96 Resp: 3579
 Ion Ratio Lower Upper
 96 100
 61 134.2 81.9 152.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 0.620 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VV008951.D
 Acq: 14 Dec 2018 23:52

Tgt Ion: 97 Resp: 1457
 Ion Ratio Lower Upper
 97 100
 99 41.9 51.7 77.5#
 61 9.8 32.5 48.7#





#34

Trichloroethene

Concen: 39.316 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008951.D

Acq: 14 Dec 2018 23:52

Instrument :

MSVOA_V

ClientSampleId :

C0LA6

Tgt Ion: 95 Resp: 60000

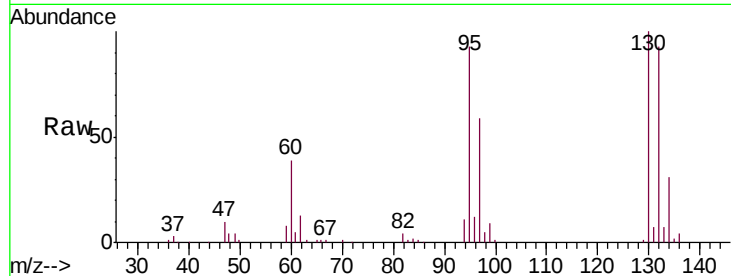
Ion Ratio Lower Upper

95 100

97 63.6 45.7 84.9

132 100.3 72.2 134.2

130 107.4 73.8 137.2

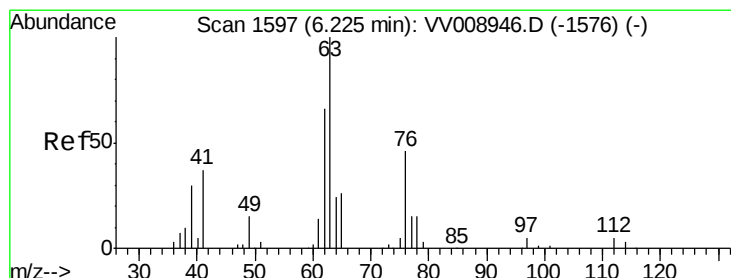
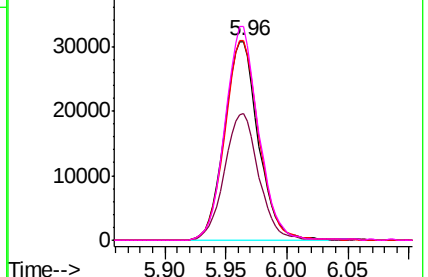
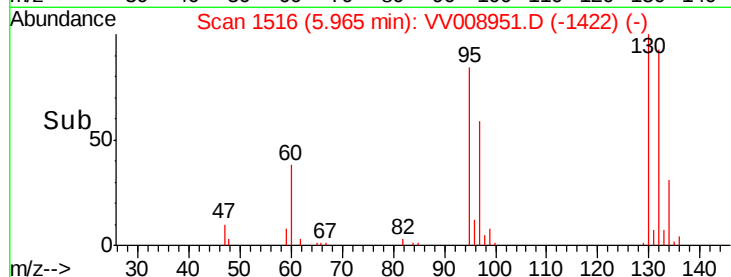


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.930 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008951.D

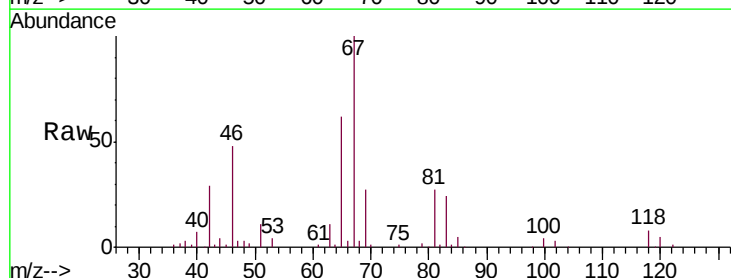
Acq: 14 Dec 2018 23:52

Tgt Ion: 63 Resp: 8105

Ion Ratio Lower Upper

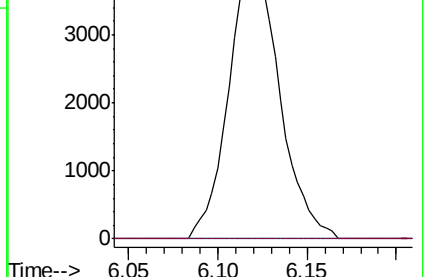
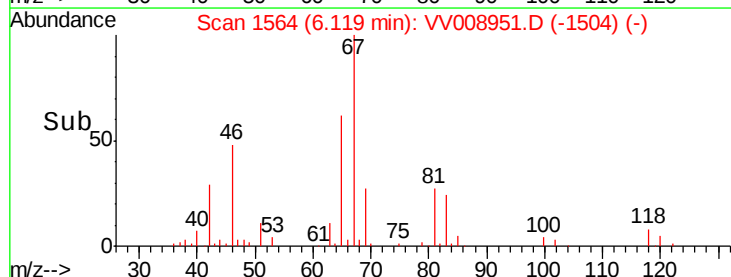
63 100

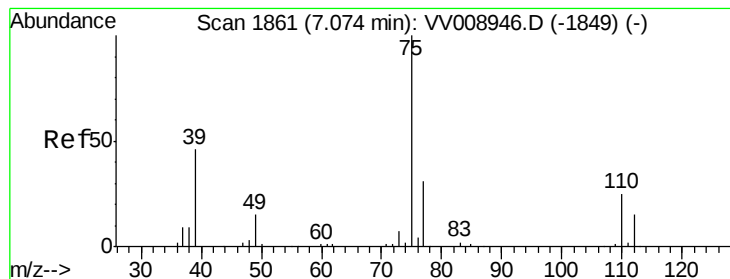
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



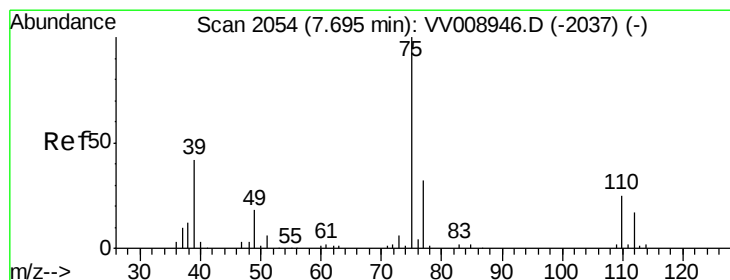
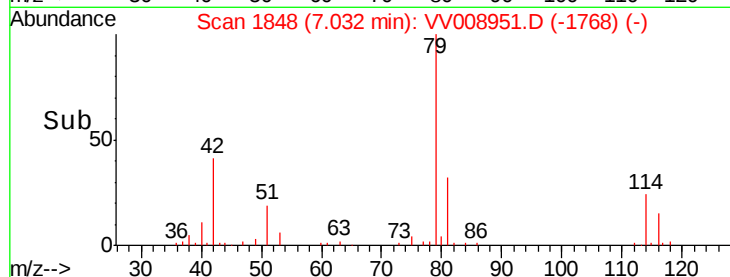
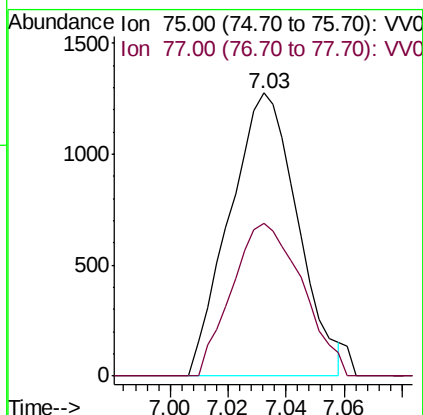
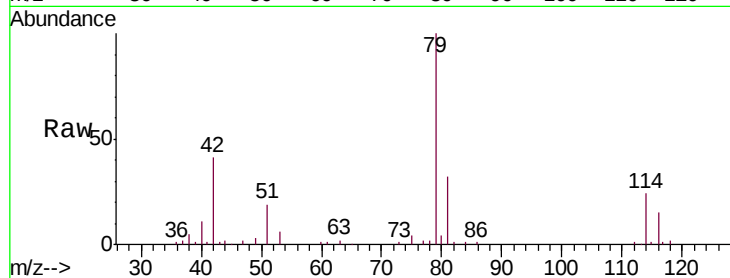


#39

cis-1,3-Dichloropropene
Concen: 0.952 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008951.D
Acq: 14 Dec 2018 23:52

Instrument :
MSVOA_V
ClientSampled :
COLA6

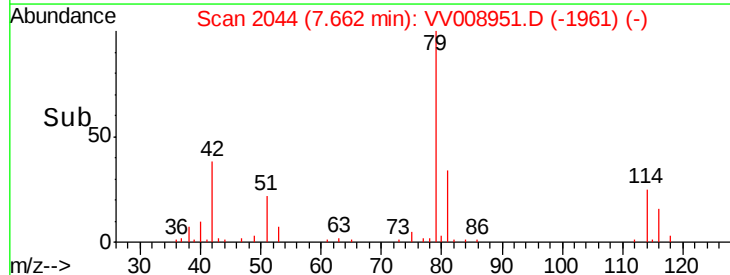
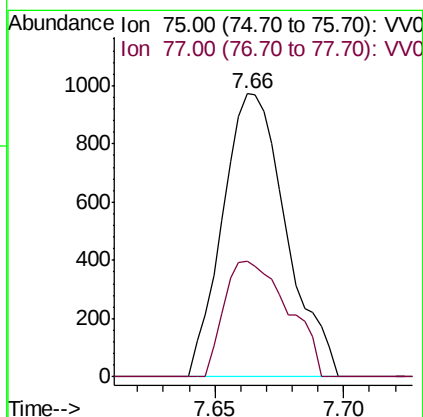
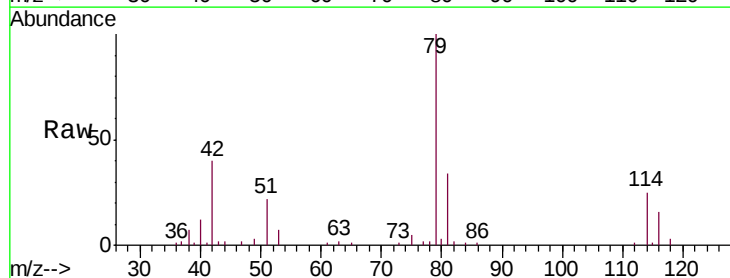
Tgt Ion: 75 Resp: 2074
Ion Ratio Lower Upper
75 100
77 54.1 21.8 40.4#

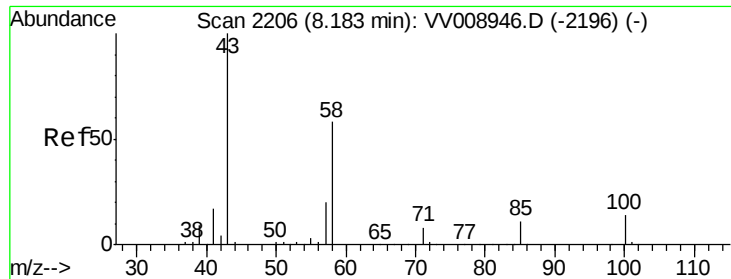


#44

trans-1,3-Dichloropropene
Concen: 0.823 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV008951.D
Acq: 14 Dec 2018 23:52

Tgt Ion: 75 Resp: 1672
Ion Ratio Lower Upper
75 100
77 40.8 21.6 40.2#

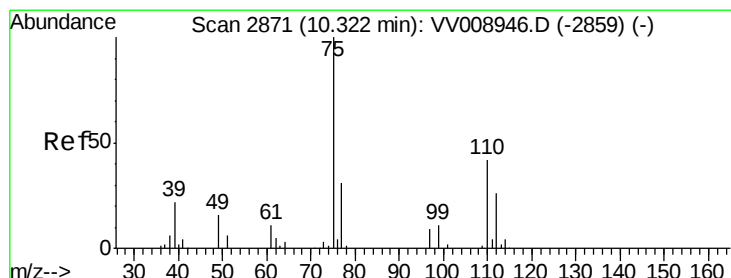
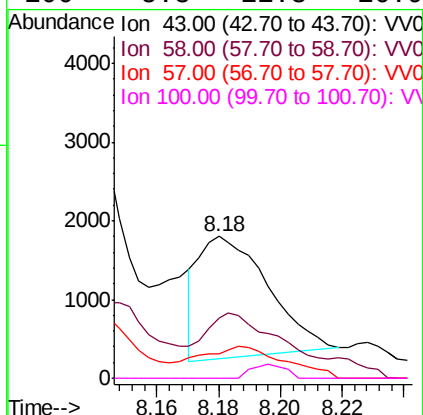
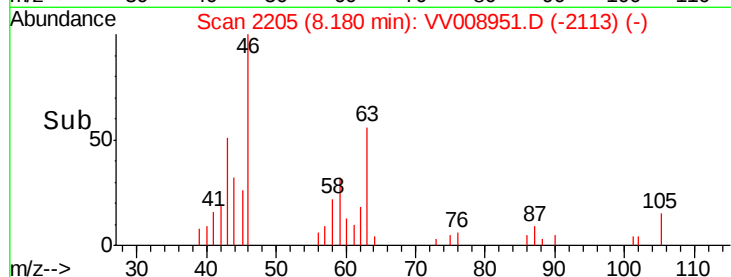
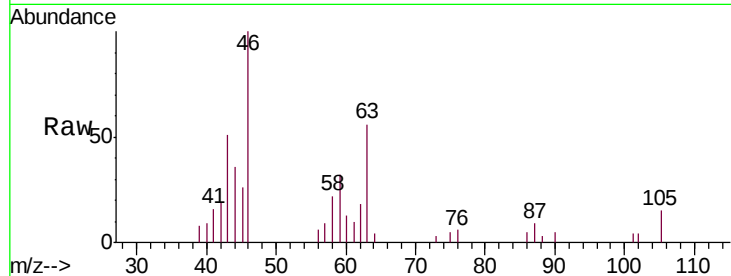




#48
2-Hexanone
Concen: 1.824 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV008951.D
Acq: 14 Dec 2018 23:52

Instrument :
MSVOA_V
ClientSampleId :
COLA6

Tgt Ion: 43 Resp: 2398
Ion Ratio Lower Upper
43 100
58 38.8 42.7 64.1#
57 33.3 15.7 23.5#
100 5.8 11.3 16.9#



#59
1,2,3-Trichloropropane
Concen: 5.168 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008951.D
Acq: 14 Dec 2018 23:52

Tgt Ion: 75 Resp: 8895
Ion Ratio Lower Upper
75 100
77 34.0 25.8 38.8

