

Data File : VV008954.D
Acq On : 15 Dec 2018 01:04
Operator : SY/MD
Sample : J6387-07
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0LA9

Quant Time: Dec 15 04:07:47 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	203155	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191978	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78684	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48297	40.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.42%
7) Chloroethane-d5	1.57	69	38974	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.13	63	98097	35.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.02%
21) 2-Butanone-d5	3.93	46	84075	106.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	4.40	84	118623	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.08	65	79061	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
32) Benzene-d6	5.10	84	242298	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.66%
36) 1,2-Dichloropropane-d6	6.12	67	74309	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.60%
41) Toluene-d8	7.36	98	221869	45.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.38%
43) trans-1,3-Dichloropropene-	7.67	79	34409	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.28%
47) 2-Hexanone-d5	8.13	63	54399	94.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.55%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90084	44.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.76%
64) 1,2-Dichlorobenzene-d4	11.68	152	78800	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%

Target Compounds

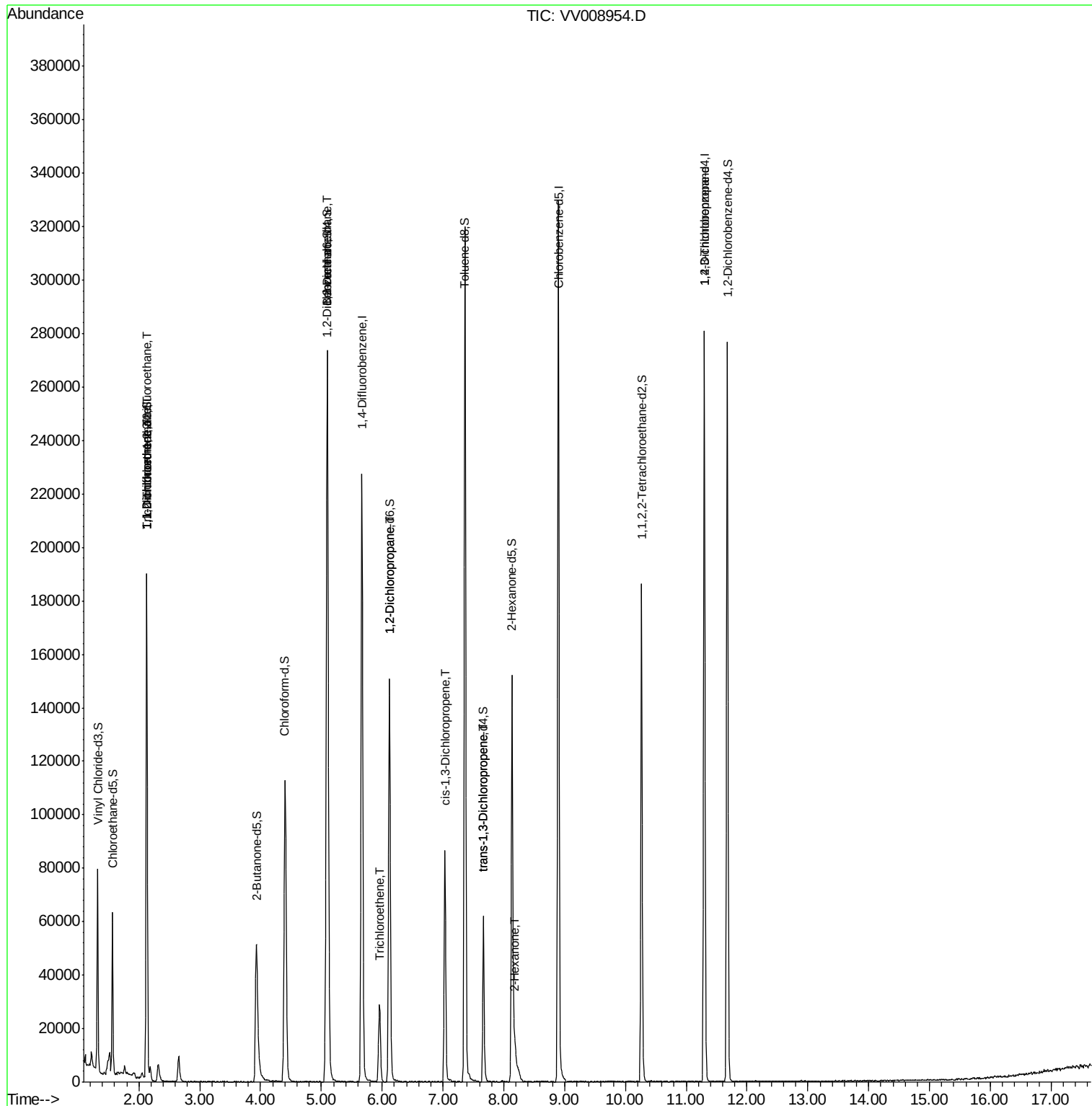
						Qvalue
9) Trichlorofluoromethane	2.13	101	872	0.385	ug/L #	28
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	872	0.629	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1137	0.901	ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1465	0.751	ug/L #	74
34) Trichloroethene	5.96	95	6431	4.210	ug/L	98
37) 1,2-Dichloropropane	6.12	63	8085	5.910	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2093	0.959	ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	1536	0.755	ug/L	87
48) 2-Hexanone	8.19	43	2675	2.032	ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	8470	4.916	ug/L	89

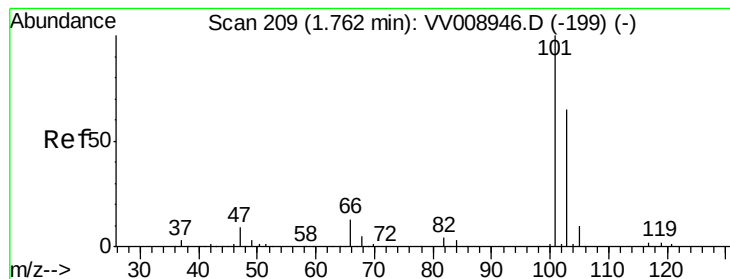
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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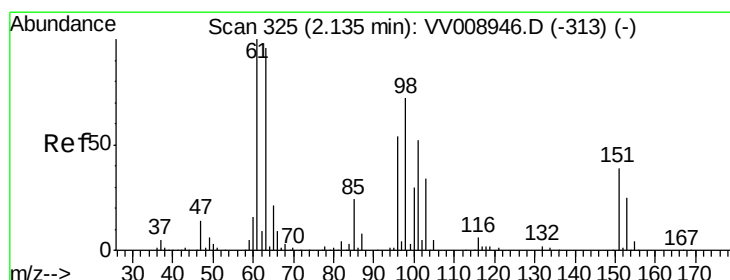
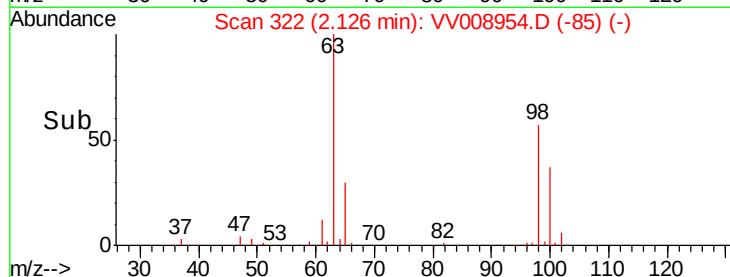
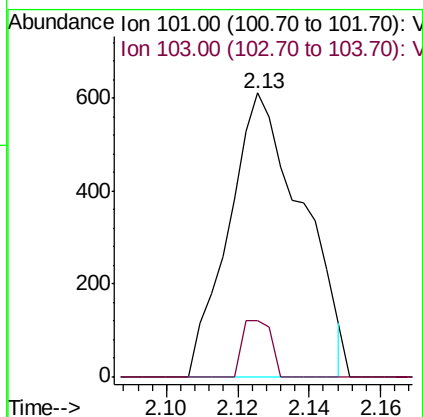
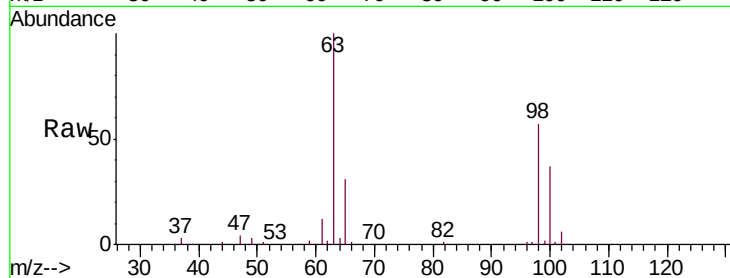


#9

Trichlorofluoromethane
 Concen: 0.385 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV008954.D
 Acq: 15 Dec 2018 01:04

Instrument :
 MSVOA_V
 ClientSampleId :
 C0LA9

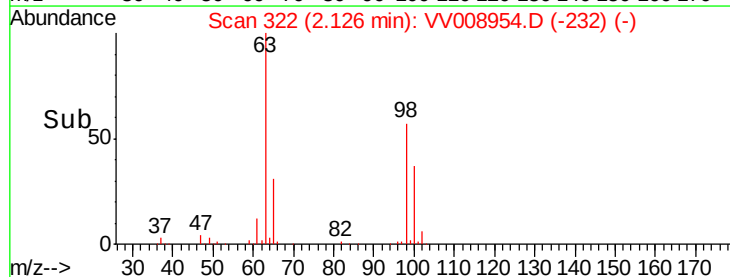
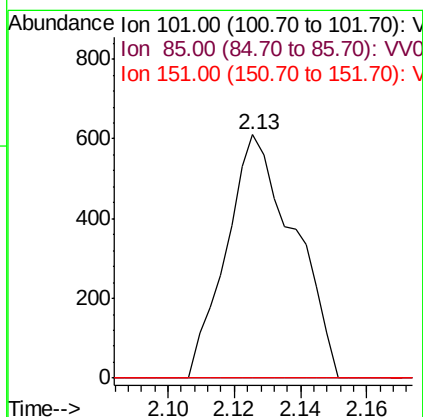
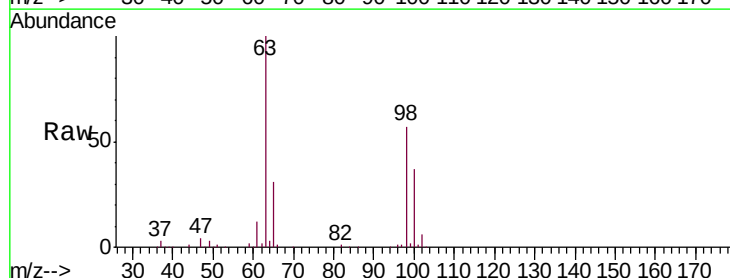
Tgt Ion:101 Resp: 872
 Ion Ratio Lower Upper
 101 100
 103 7.7 51.5 77.3#

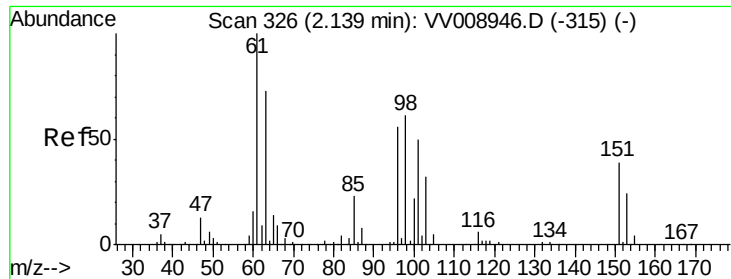


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.629 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008954.D
 Acq: 15 Dec 2018 01:04

Tgt Ion:101 Resp: 872
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

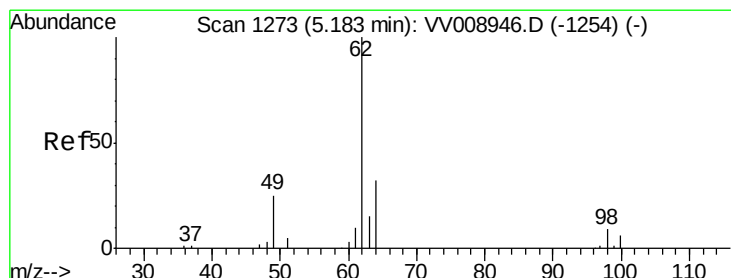
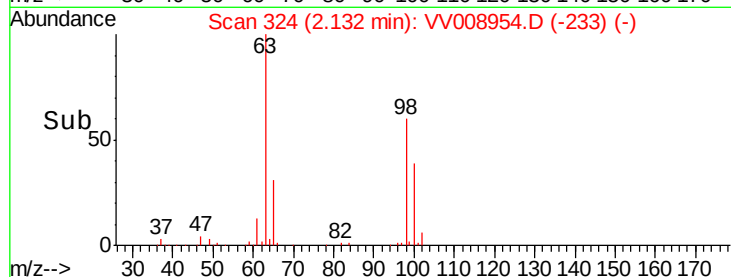
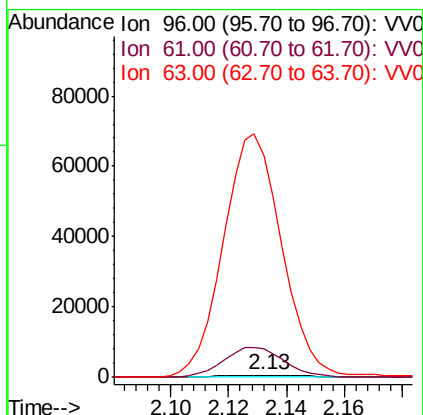
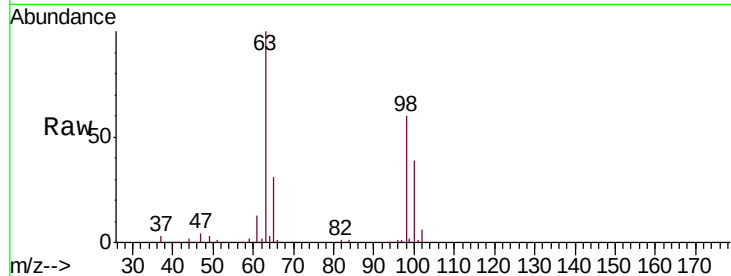




#12
 1,1-Dichloroethene
 Concen: 0.901 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008954.D
 Acq: 15 Dec 2018 01:04

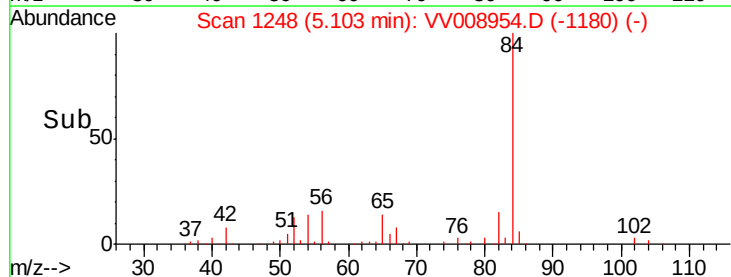
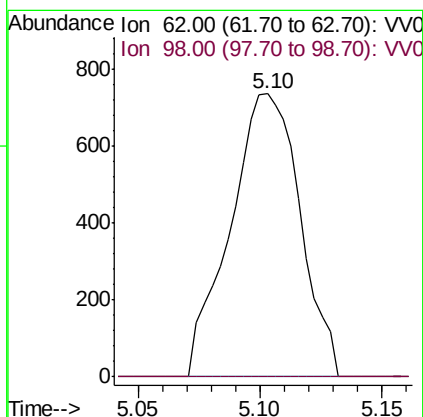
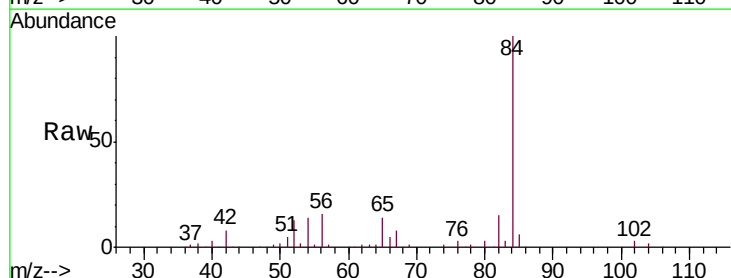
Instrument :
 MSVOA_V
 ClientSampleId :
 COLA9

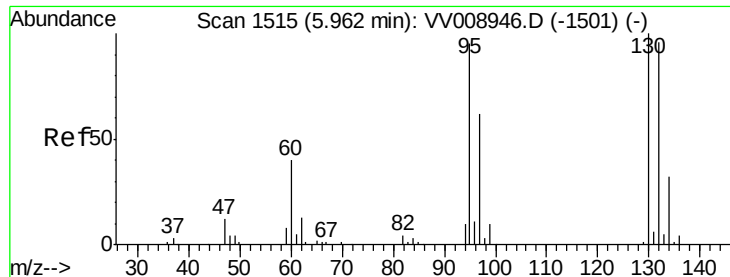
Tgt Ion: 96 Resp: 1137
 Ion Ratio Lower Upper
 96 100
 61 1239.3 119.1 221.3#
 63 9812.8 96.0 178.2#



#27
 1,2-Dichloroethane
 Concen: 0.751 ug/L
 RT: 5.10 min Scan# 1248
 Delta R.T. -0.08 min
 Lab File: VV008954.D
 Acq: 15 Dec 2018 01:04

Tgt Ion: 62 Resp: 1465
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 4.210 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008954.D

Acq: 15 Dec 2018 01:04

Instrument :

MSVOA_V

ClientSampleId :

C0LA9

Tgt Ion: 95 Resp: 6431

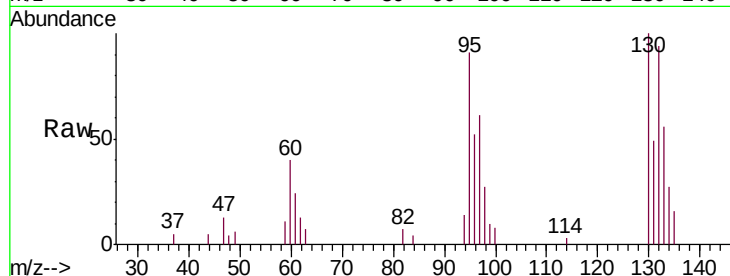
Ion Ratio Lower Upper

95 100

97 67.0 45.7 84.9

132 102.9 72.2 134.2

130 109.3 73.8 137.2

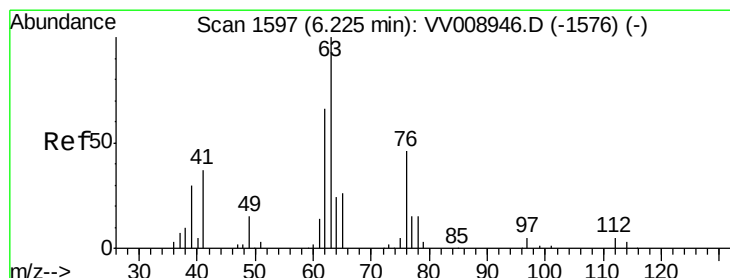
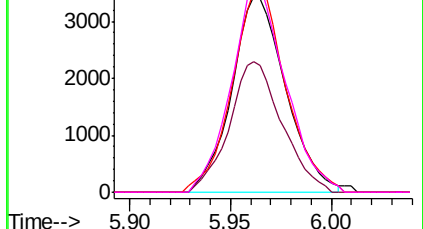
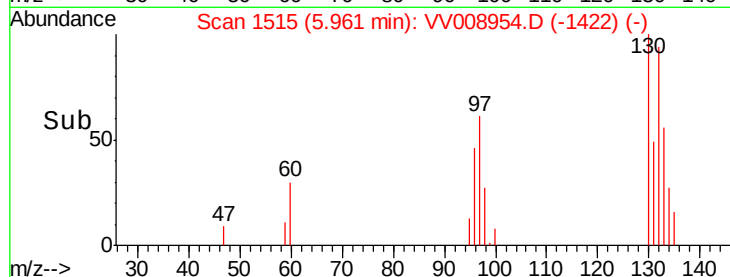


Abundance Ion 95.00 (94.70 to 95.70): VV008954.D (-1422) (-)

Ion 97.00 (96.70 to 97.70): VV008954.D (-1422) (-)

Ion 132.00 (131.70 to 132.70): VV008954.D (-1422) (-)

Ion 130.00 (129.70 to 130.70): VV008954.D (-1422) (-)



#37

1,2-Dichloropropane

Concen: 5.910 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008954.D

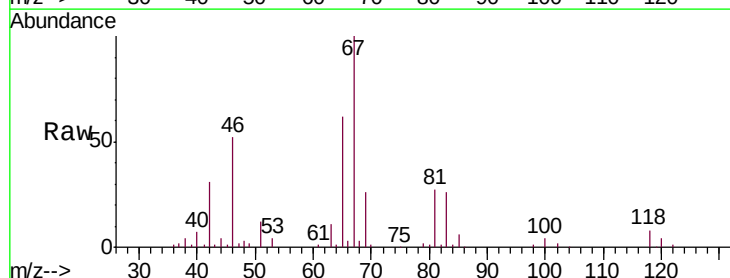
Acq: 15 Dec 2018 01:04

Tgt Ion: 63 Resp: 8085

Ion Ratio Lower Upper

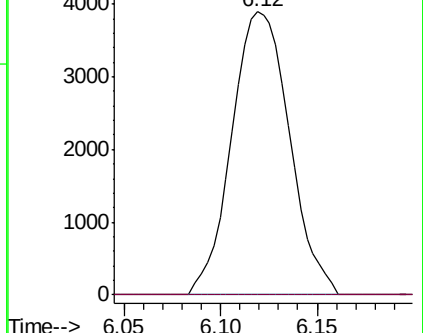
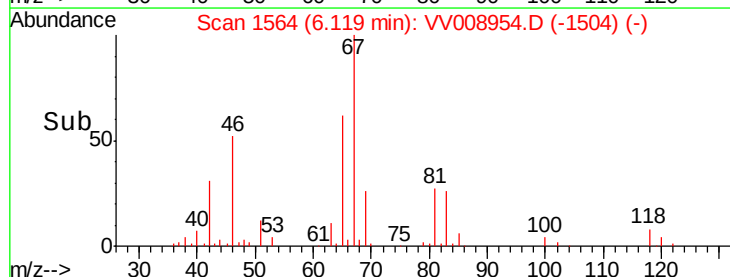
63 100

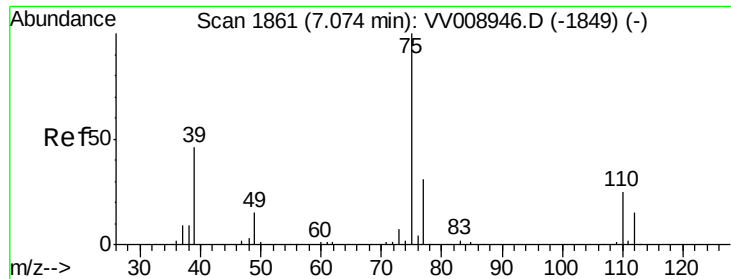
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV008954.D (-1504) (-)

Ion 112.00 (111.70 to 112.70): VV008954.D (-1504) (-)

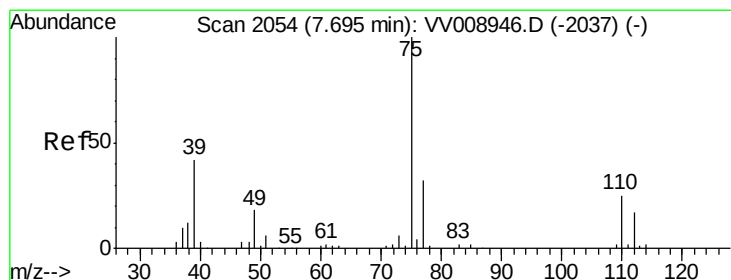
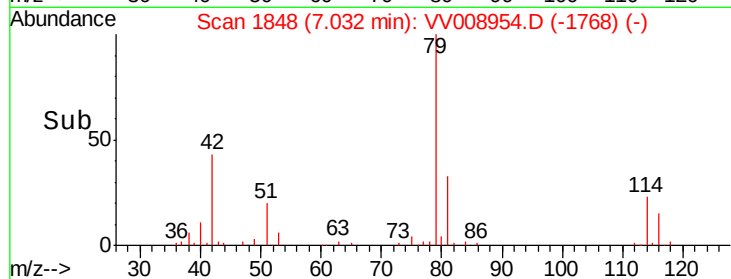
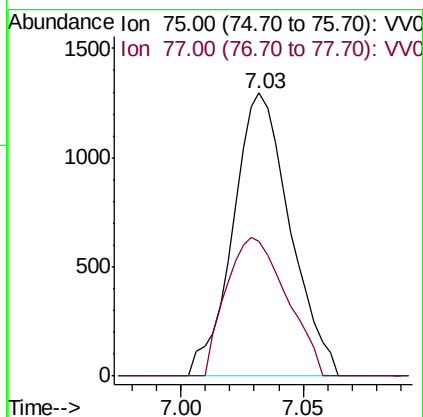
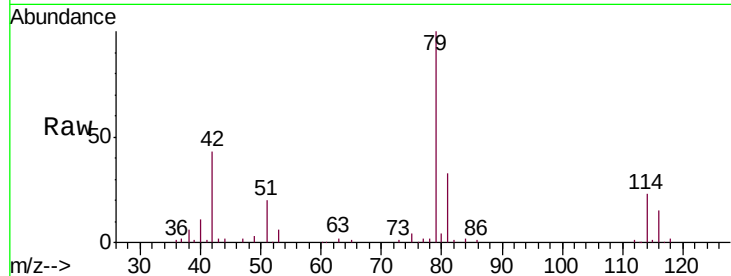




#39
 cis-1,3-Dichloropropene
 Concen: 0.959 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008954.D
 Acq: 15 Dec 2018 01:04

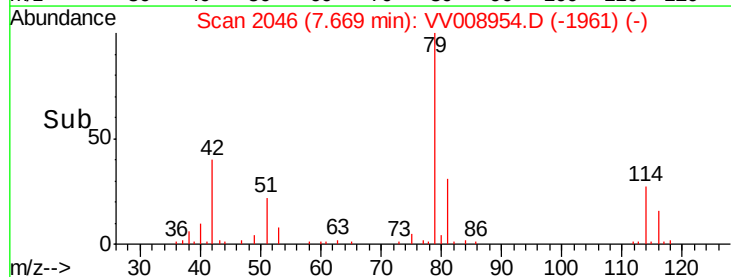
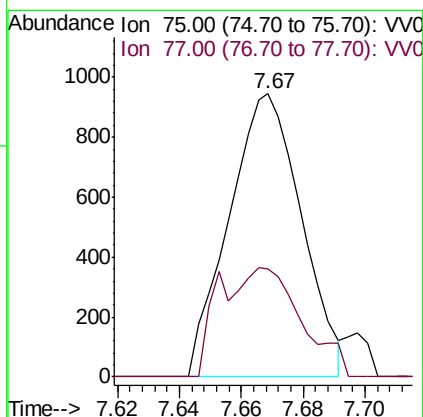
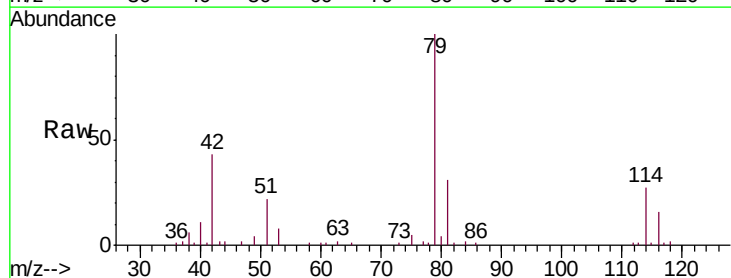
Instrument :
 MSVOA_V
 ClientSampled :
 COLA9

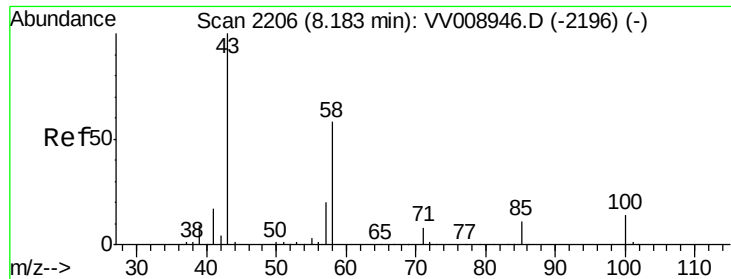
Tgt Ion: 75 Resp: 2093
 Ion Ratio Lower Upper
 75 100
 77 47.8 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.755 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008954.D
 Acq: 15 Dec 2018 01:04

Tgt Ion: 75 Resp: 1536
 Ion Ratio Lower Upper
 75 100
 77 38.3 21.6 40.2

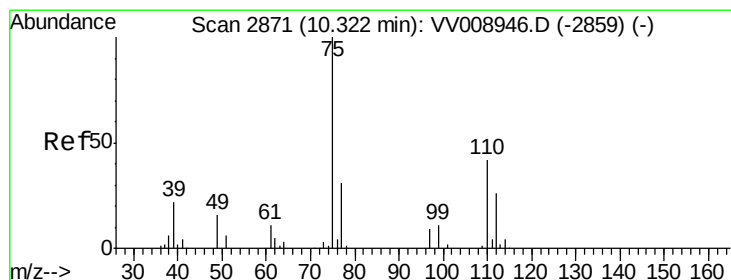
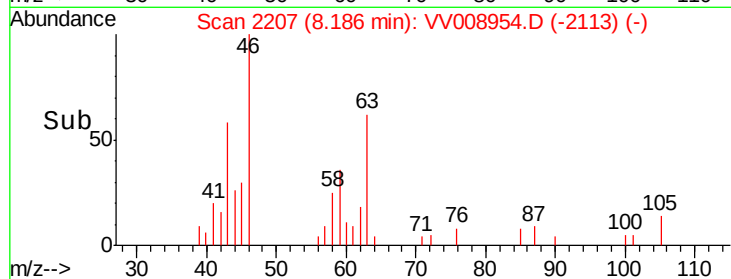
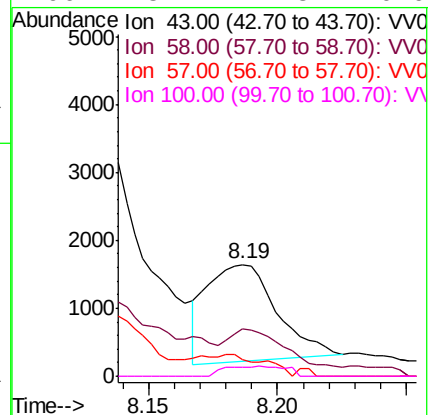
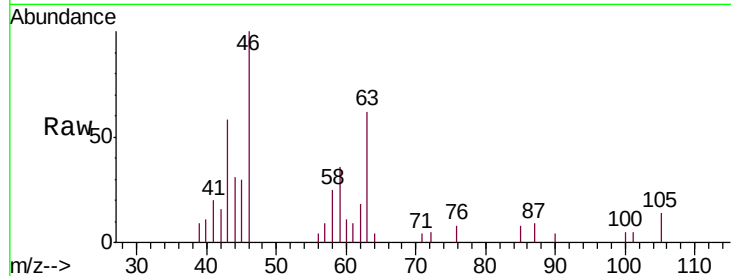




#48
 2-Hexanone
 Concen: 2.032 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV008954.D
 Acq: 15 Dec 2018 01:04

Instrument :
 MSVOA_V
 ClientSampleId :
 COLA9

Tgt Ion: 43 Resp: 2675
 Ion Ratio Lower Upper
 43 100
 58 32.8 42.7 64.1#
 57 0.9 15.7 23.5#
 100 8.4 11.3 16.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.916 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV008954.D
 Acq: 15 Dec 2018 01:04

Tgt Ion: 75 Resp: 8470
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.8 38.8

