

Data File : VV008932.D
Acq On : 14 Dec 2018 16:17
Operator : SY/MD
Sample : J6367-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL54

Quant Time: Dec 14 23:43:13 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	208598	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53608	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.02%
7) Chloroethane-d5	1.56	69	39506	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.06%
11) 1,1-Dichloroethene-d2	2.13	63	106536	37.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.06%
21) 2-Butanone-d5	3.93	46	90444	111.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.20%
24) Chloroform-d	4.40	84	123026	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
26) 1,2-Dichloroethane-d4	5.08	65	82755	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
32) Benzene-d6	5.10	84	256552	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
36) 1,2-Dichloropropane-d6	6.12	67	77248	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	7.36	98	235704	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%
43) trans-1,3-Dichloropropene-	7.67	79	37465	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.84%
47) 2-Hexanone-d5	8.13	63	59867	104.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	94135	47.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.58%
64) 1,2-Dichlorobenzene-d4	11.68	152	84302	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

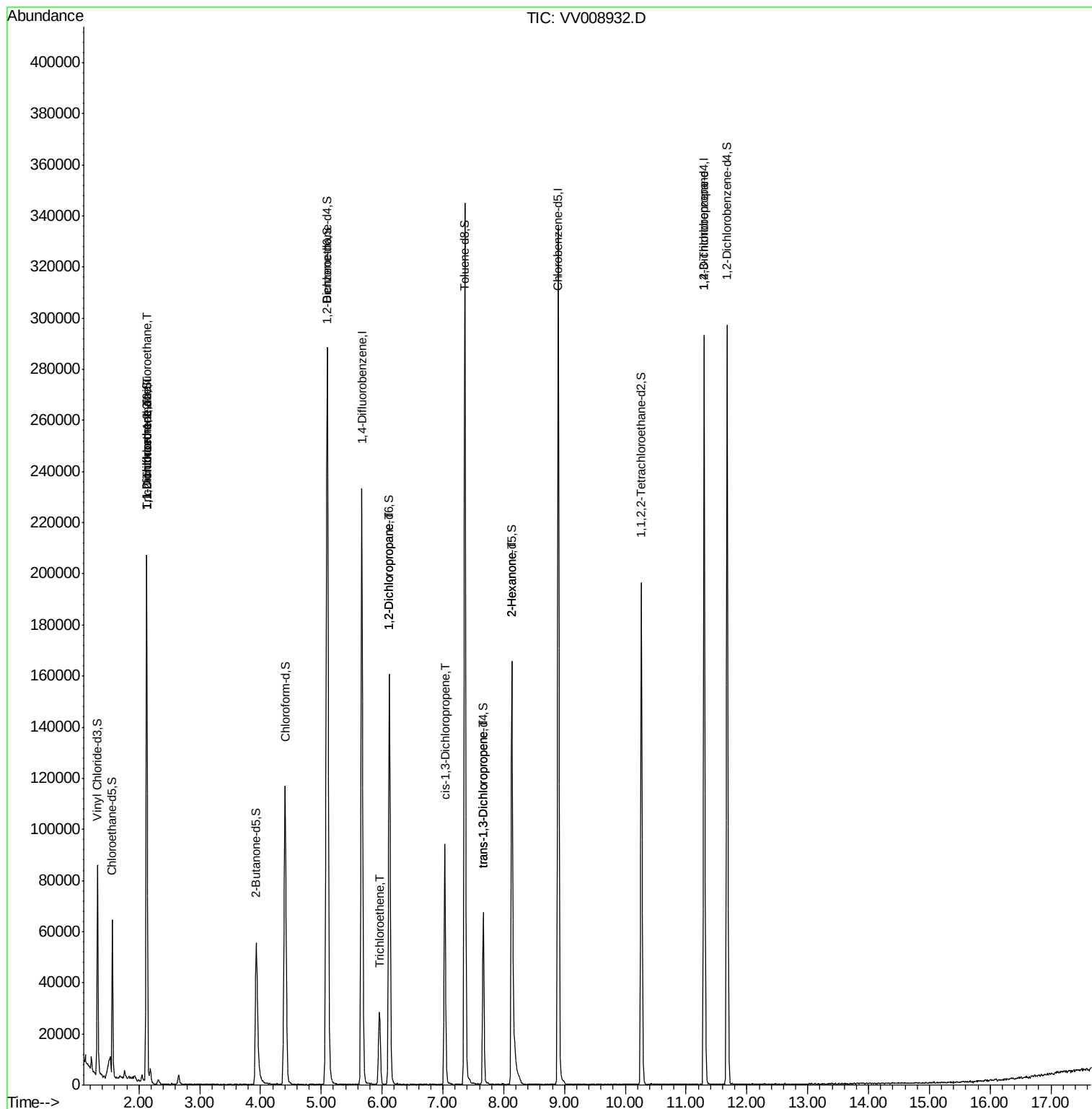
						Qvalue
9) Trichlorofluoromethane	2.13	101	1041	0.447	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1041	0.731	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1153	0.890	ug/L #	1
34) Trichloroethene	5.96	95	5941	3.922	ug/L	91
37) 1,2-Dichloropropane	6.12	63	8650	6.376	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2426	1.121	ug/L #	69
44) trans-1,3-Dichloropropene	7.66	75	1576	0.781	ug/L	96
48) 2-Hexanone	8.13	43	6723	5.150	ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	8134	4.761	ug/L #	82

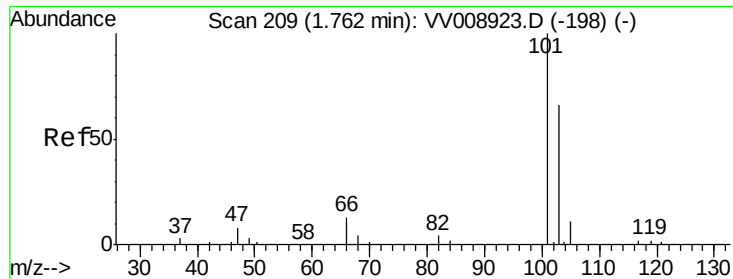
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.447 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008932.D

Acq: 14 Dec 2018 16:17

Instrument :

MSVOA_V

ClientSampleId :

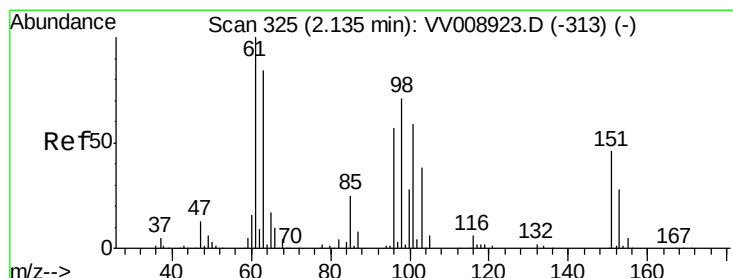
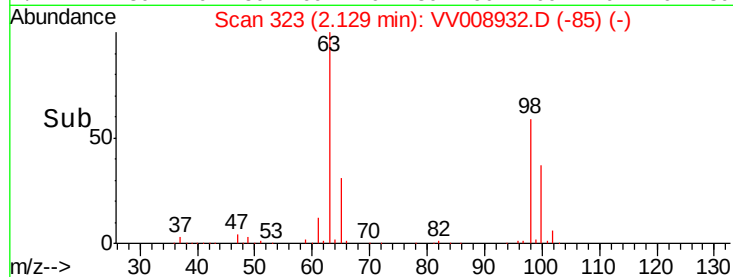
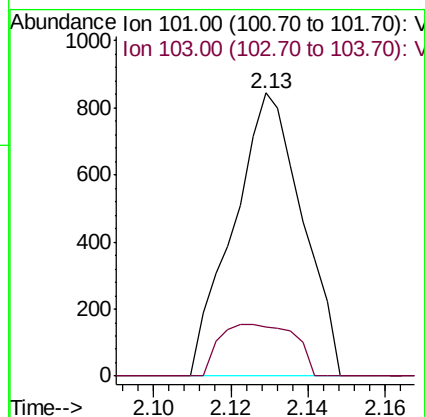
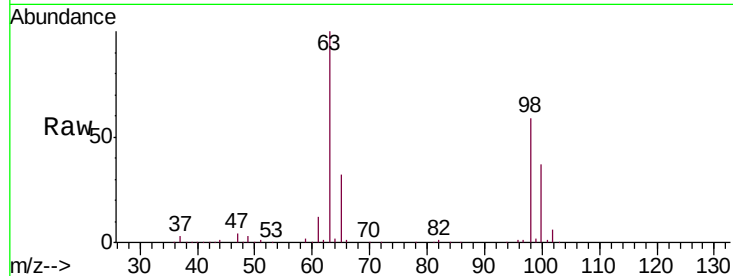
C0L54

Tgt Ion:101 Resp: 1041

Ion Ratio Lower Upper

101 100

103 20.0 51.5 77.3#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.731 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008932.D

Acq: 14 Dec 2018 16:17

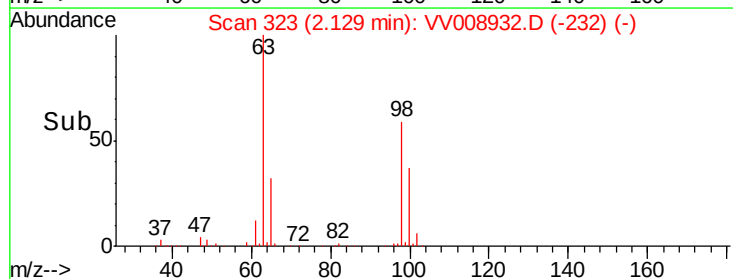
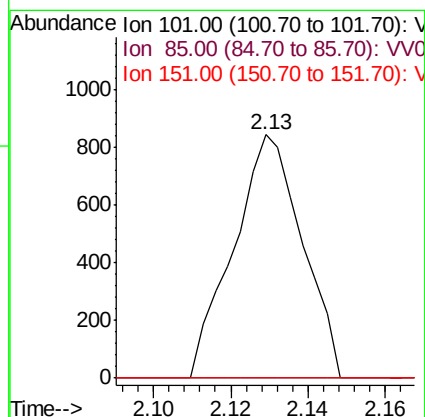
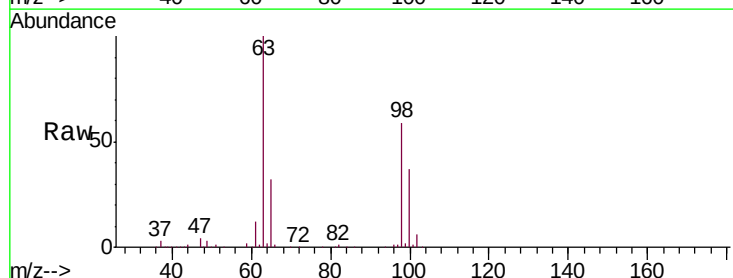
Tgt Ion:101 Resp: 1041

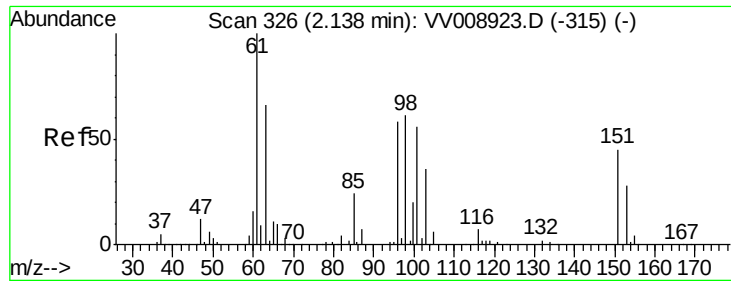
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#

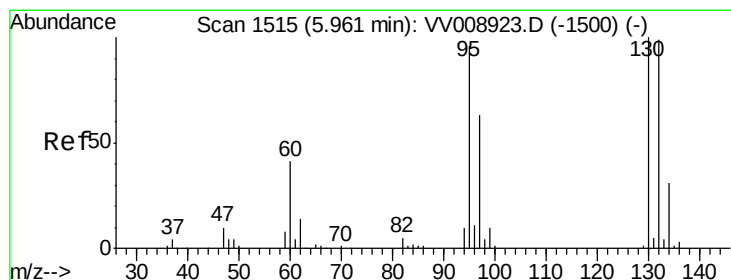
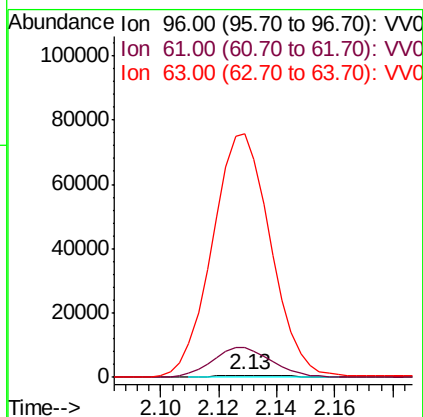
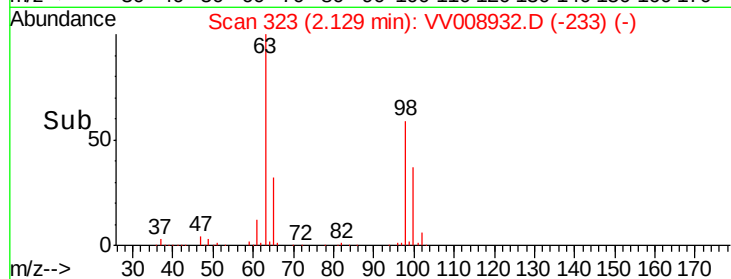
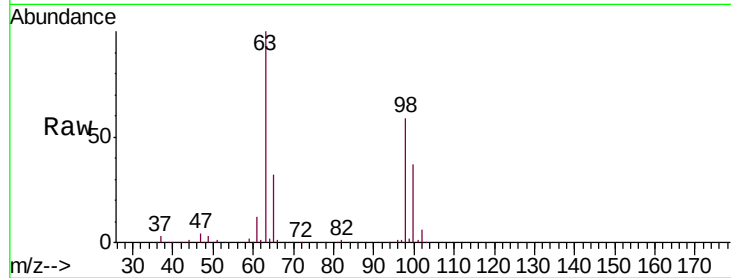




#12
 1,1-Dichloroethene
 Concen: 0.890 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008932.D
 Acq: 14 Dec 2018 16:17

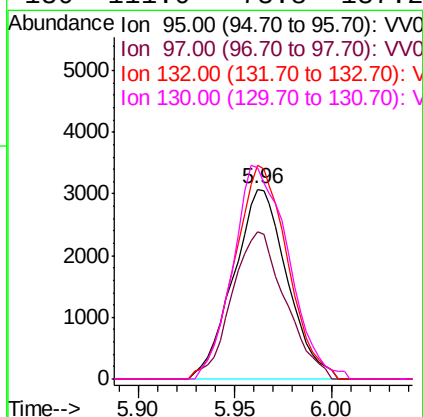
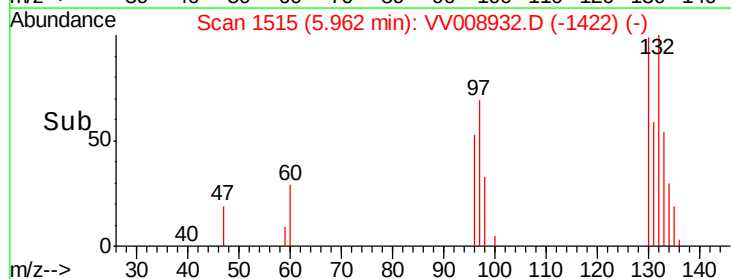
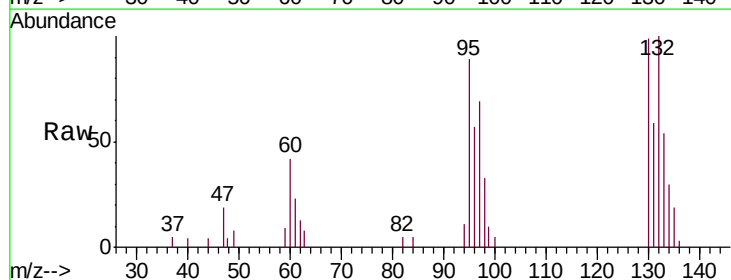
Instrument :
 MSVOA_V
 ClientSampleId :
 COL54

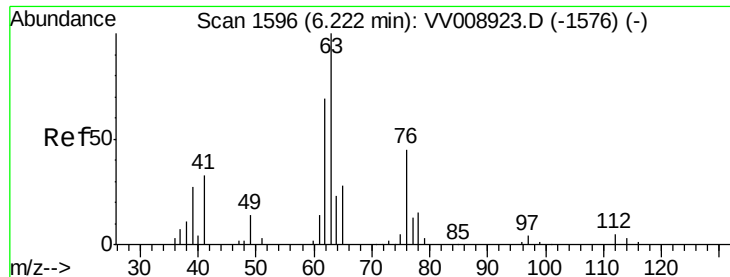
Tgt Ion: 96 Resp: 1153
 Ion Ratio Lower Upper
 96 100
 61 1385.5 119.1 221.3#
 63 11345.1 96.0 178.2#



#34
 Trichloroethene
 Concen: 3.922 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV008932.D
 Acq: 14 Dec 2018 16:17

Tgt Ion: 95 Resp: 5941
 Ion Ratio Lower Upper
 95 100
 97 77.3 45.7 84.9
 132 112.4 72.2 134.2
 130 111.0 73.8 137.2

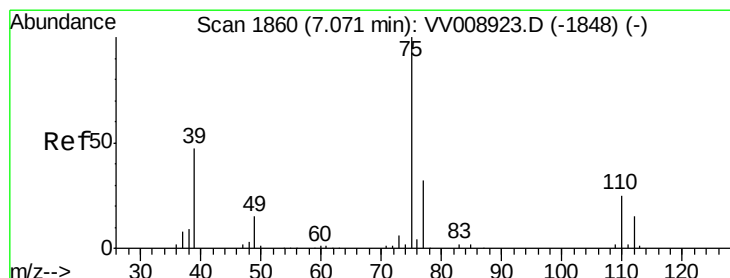
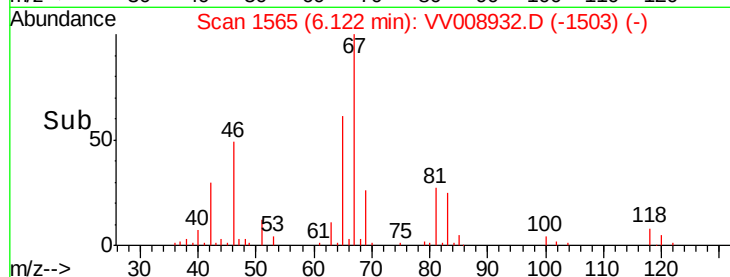
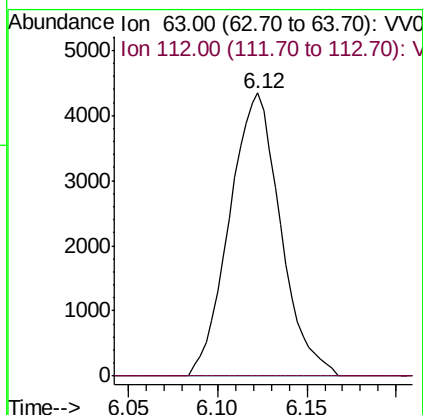
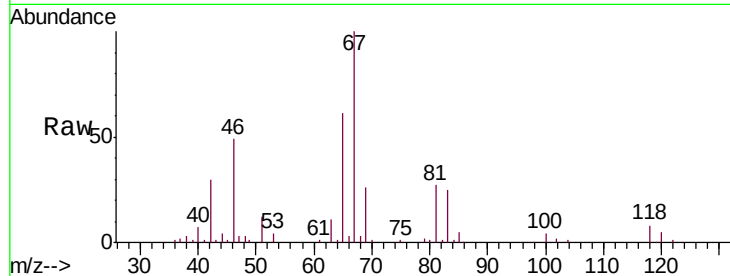




#37
 1,2-Dichloropropane
 Concen: 6.376 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008932.D
 Acq: 14 Dec 2018 16:17

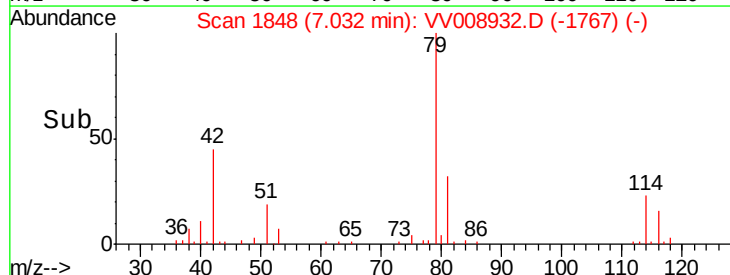
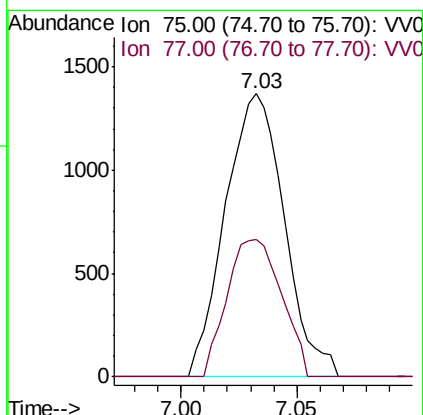
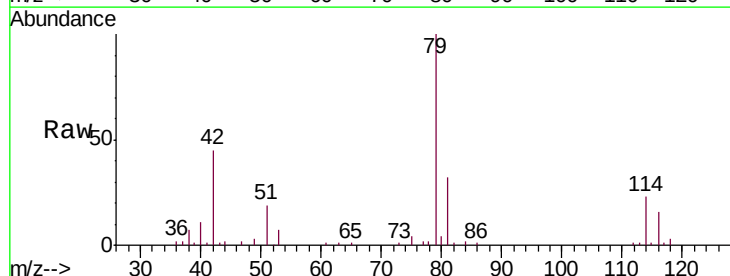
Instrument :
 MSVOA_V
 ClientSampleId :
 COL54

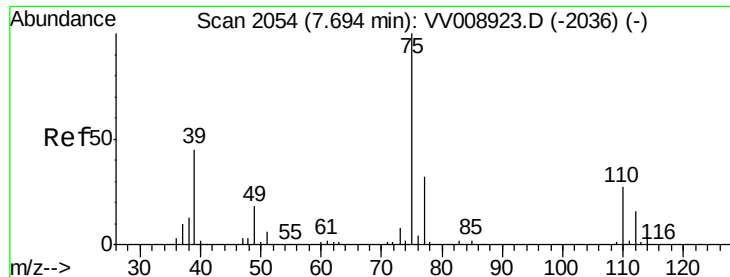
Tgt Ion: 63 Resp: 8650
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.121 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008932.D
 Acq: 14 Dec 2018 16:17

Tgt Ion: 75 Resp: 2426
 Ion Ratio Lower Upper
 75 100
 77 48.4 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.781 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008932.D

Acq: 14 Dec 2018 16:17

Instrument :

MSVOA_V

ClientSampleId :

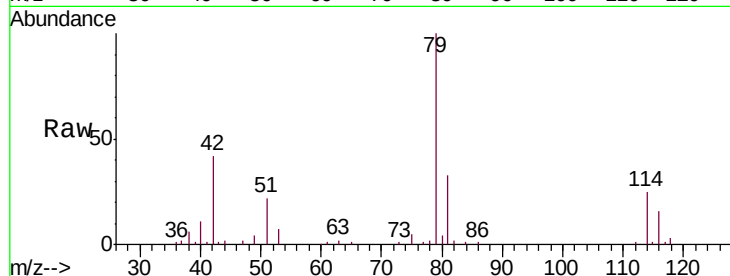
C0L54

Tgt Ion: 75 Resp: 1576

Ion Ratio Lower Upper

75 100

77 28.9 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV008932.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008932.D (-2036) (-)

7.66

1200

1000

800

600

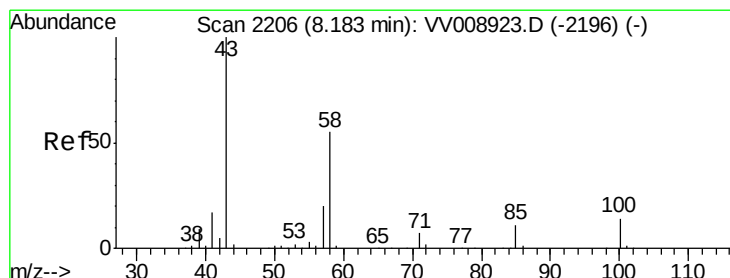
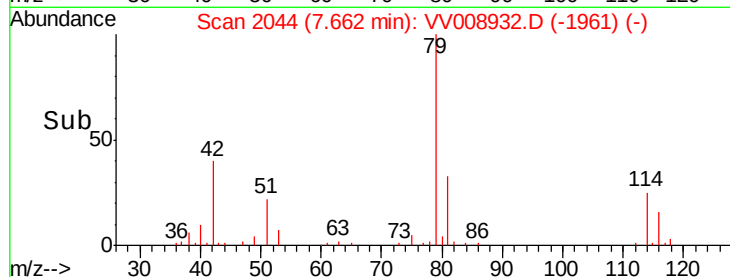
400

200

0

7.65 7.70

Time-->



#48

2-Hexanone

Concen: 5.150 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV008932.D

Acq: 14 Dec 2018 16:17

Tgt Ion: 43 Resp: 6723

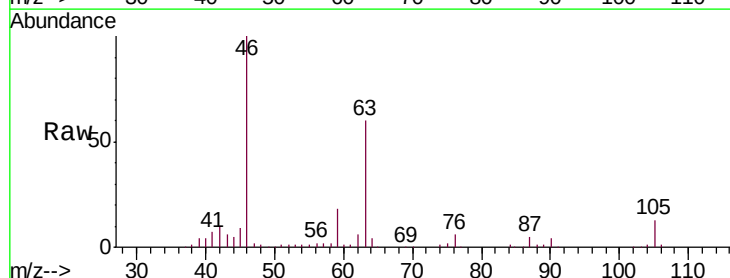
Ion Ratio Lower Upper

43 100

58 32.0 42.7 64.1#

57 29.1 15.7 23.5#

100 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008932.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV008932.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV008932.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV008932.D (-2196) (-)

8.13

5000

4000

3000

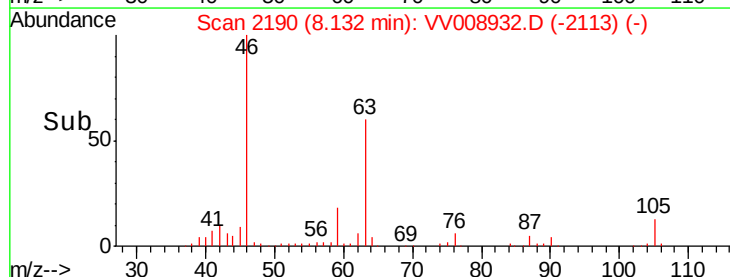
2000

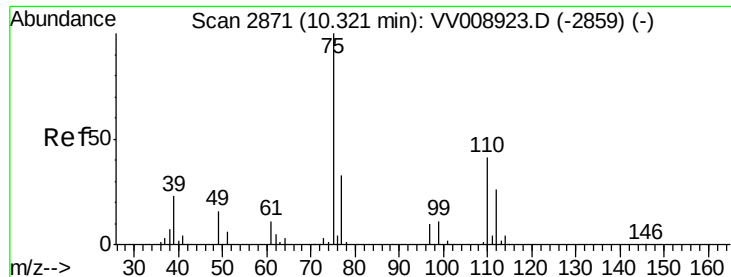
1000

0

8.10 8.12 8.14 8.16

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.761 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008932.D

Acq: 14 Dec 2018 16:17

Instrument :

MSVOA_V

ClientSampleId :

C0L54

Tgt Ion: 75 Resp: 8134

Ion Ratio Lower Upper

75 100

77 42.5 25.8 38.8#

