

Data File : VV008944.D
Acq On : 14 Dec 2018 21:04
Operator : SY/MD
Sample : J6369-11
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL95

Quant Time: Dec 14 23:46:35 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	193274	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178045	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76144	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50337	44.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.20%
7) Chloroethane-d5	1.57	69	42170	59.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.74%
11) 1,1-Dichloroethene-d2	2.13	63	102187	38.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.68%
21) 2-Butanone-d5	3.93	46	85600	113.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.59%
24) Chloroform-d	4.41	84	123513	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
26) 1,2-Dichloroethane-d4	5.08	65	83224	54.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.50%
32) Benzene-d6	5.10	84	248895	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
36) 1,2-Dichloropropane-d6	6.12	67	74764	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.72%
41) Toluene-d8	7.36	98	226620	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%
43) trans-1,3-Dichloropropene-	7.67	79	35229	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.36%
47) 2-Hexanone-d5	8.14	63	58855	110.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.29%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93528	50.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	82270	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.13	101	984	0.456 ug/L #	27
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	984	0.746 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	847	0.706 ug/L #	1
33) Benzene	5.11	78	2237	0.456 ug/L	100
34) Trichloroethene	5.96	95	782	0.552 ug/L #	83
35) Methylcyclohexane	6.12	83	19115	9.098 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8315	6.553 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2373	1.173 ug/L #	76
44) trans-1,3-Dichloropropene	7.67	75	1569	0.832 ug/L	99
48) 2-Hexanone	8.14	43	6488	5.315 ug/L #	70
59) 1,2,3-Trichloropropane	11.30	75	7774	4.865 ug/L #	88

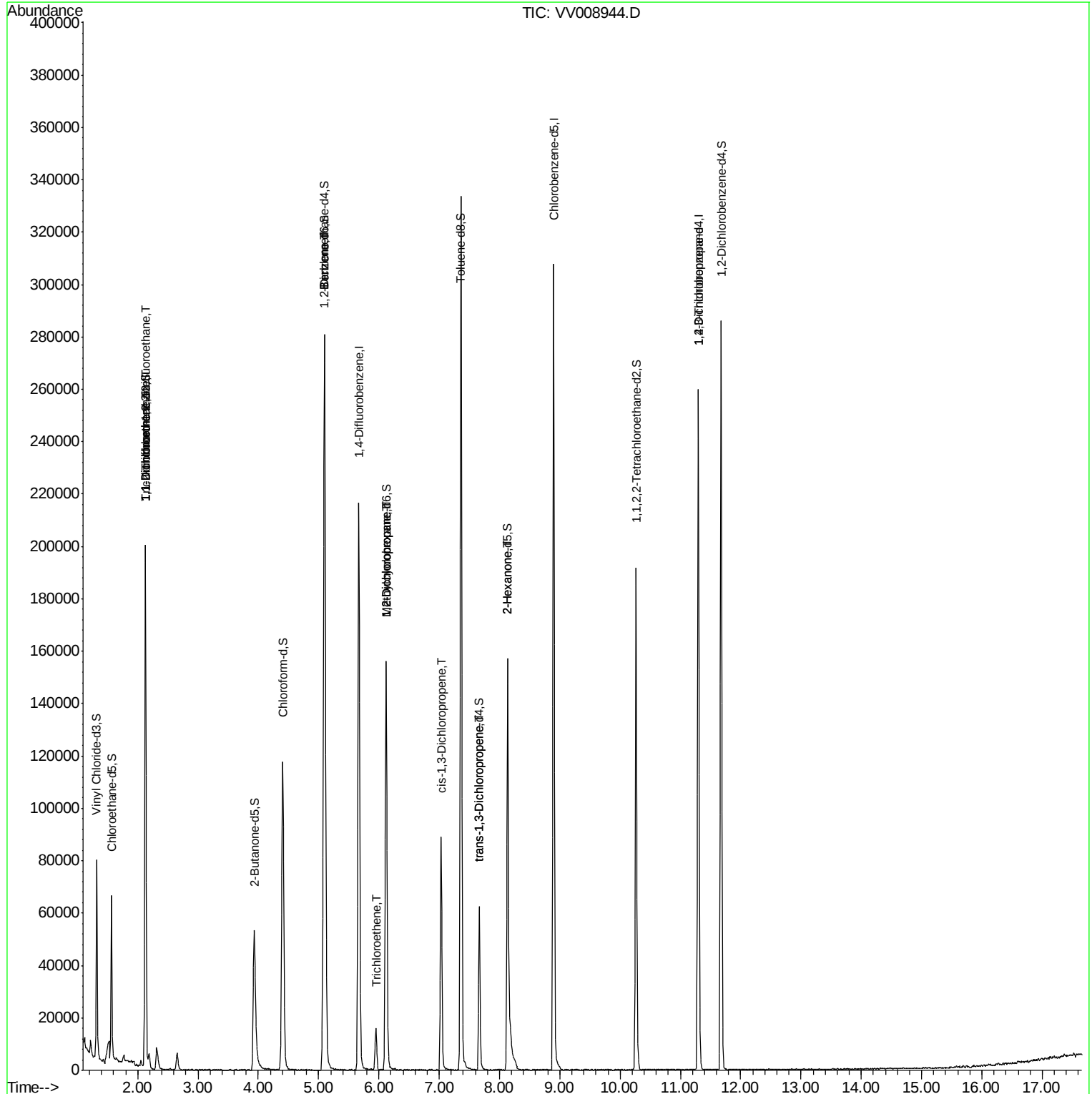
(#) = qualifier out of range (m) = manual integration (+) = signals summed

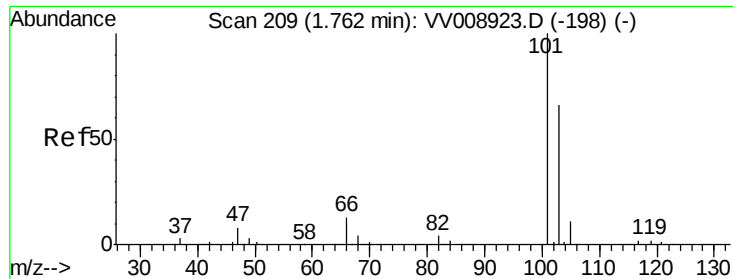
Data File : VV008944.D

```
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Instrument :
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ClientSampleId :
C0L95

Quant Time: Dec 14 23:46:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.456 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008944.D

Acq: 14 Dec 2018 21:04

Instrument :

MSVOA_V

ClientSampleId :

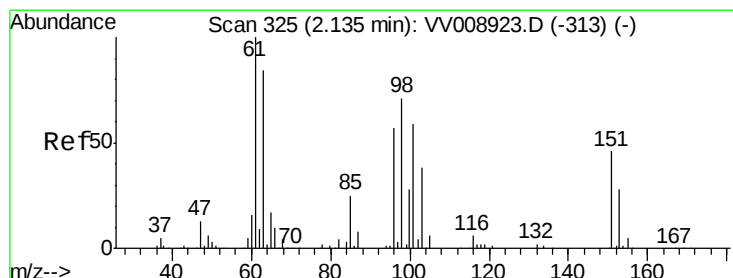
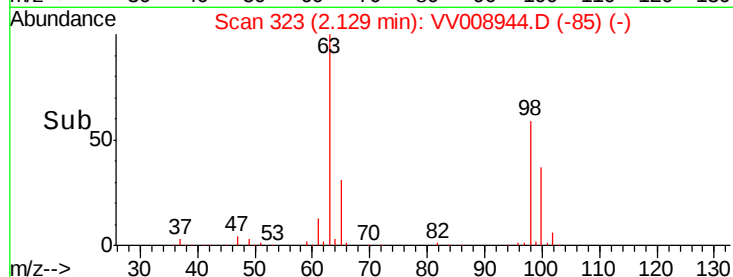
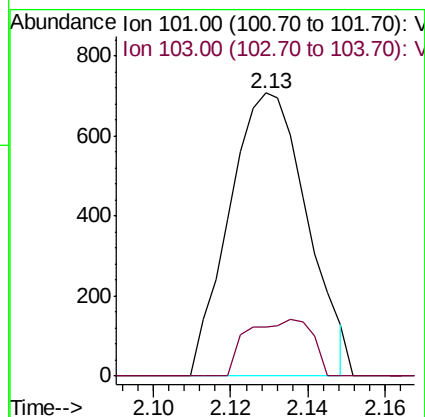
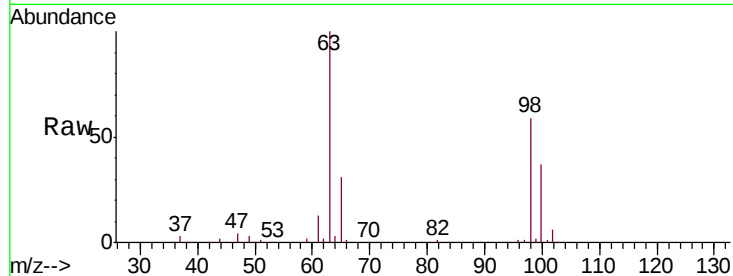
C0L95

Tgt Ion:101 Resp: 984

Ion Ratio Lower Upper

101 100

103 6.8 51.5 77.3#



#10

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

Concen: 0.746 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008944.D

Acq: 14 Dec 2018 21:04

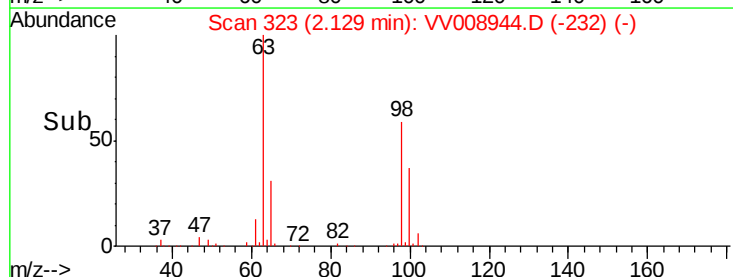
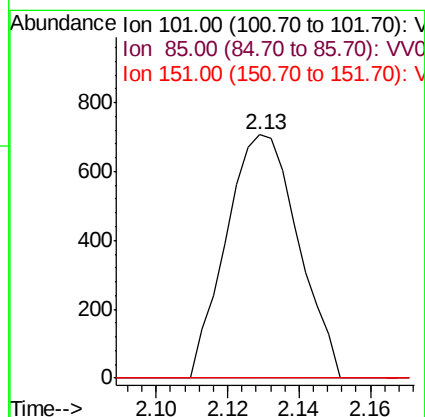
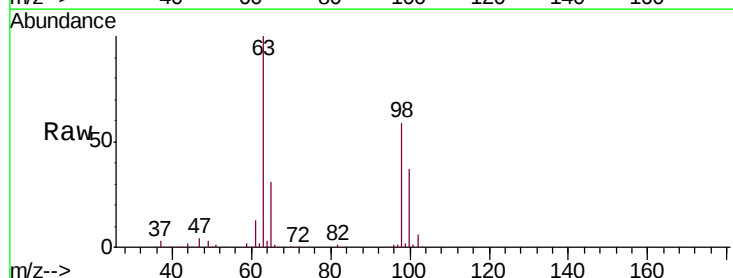
Tgt Ion:101 Resp: 984

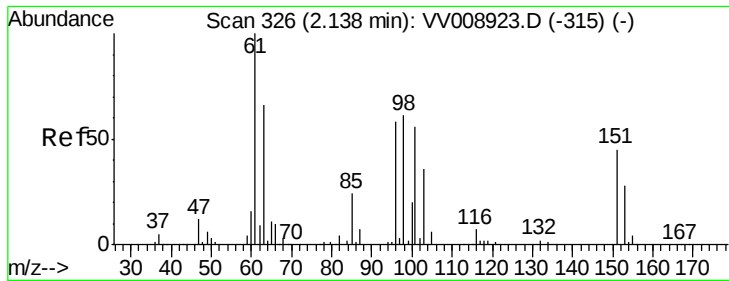
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#





#12

1,1-Dichloroethene

Concen: 0.706 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008944.D

Acq: 14 Dec 2018 21:04

Instrument :

MSVOA_V

ClientSampleId :

COL95

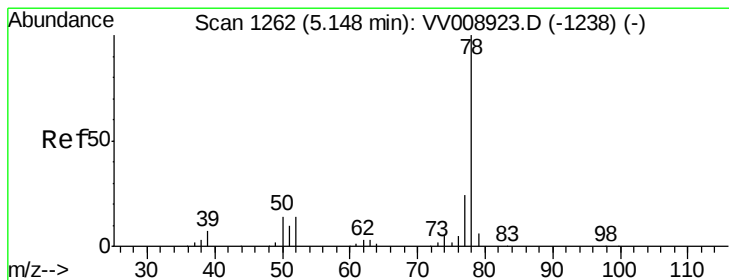
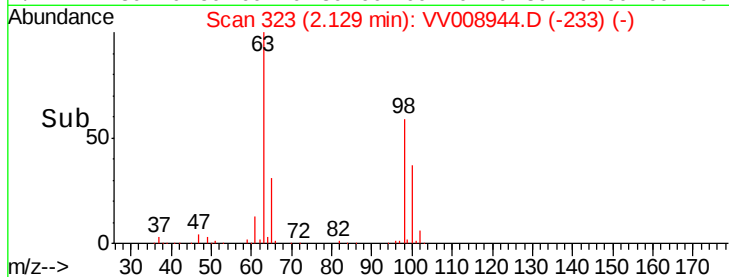
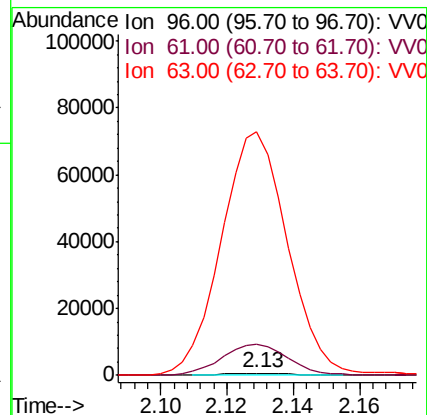
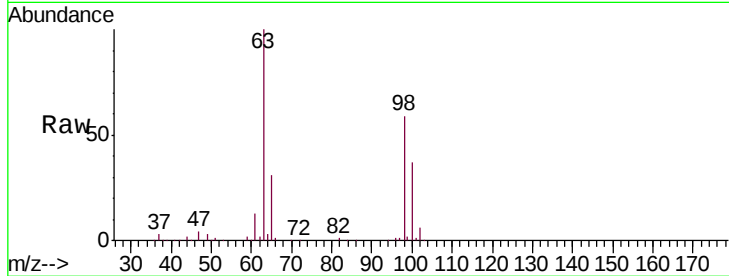
Tgt Ion: 96 Resp: 847

Ion Ratio Lower Upper

96 100

61 1590.0 119.1 221.3#

63 12561.4 96.0 178.2#



#33

Benzene

Concen: 0.456 ug/L

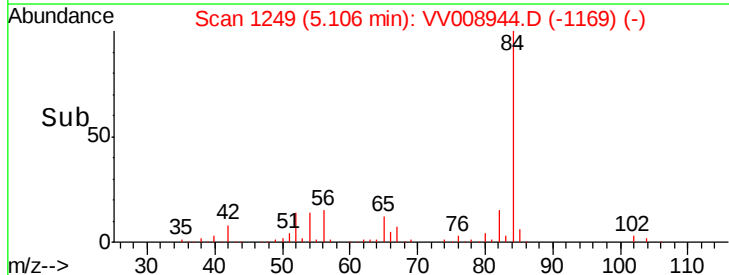
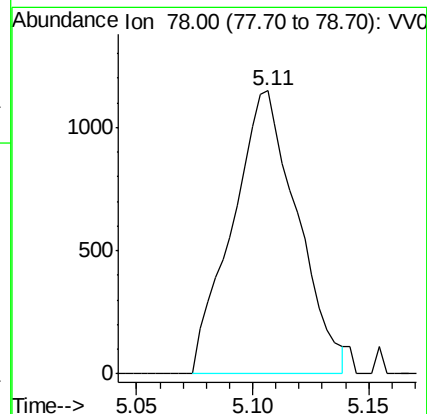
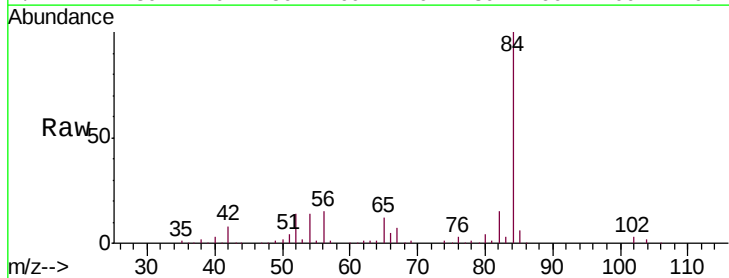
RT: 5.11 min Scan# 1249

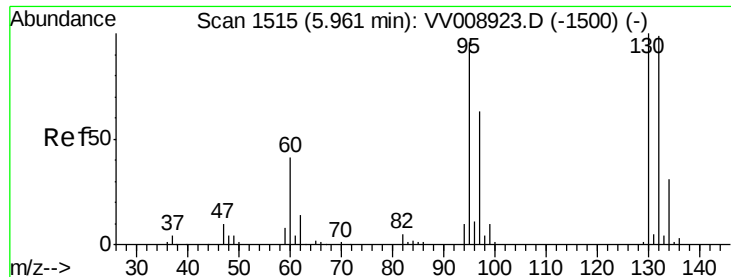
Delta R.T. -0.04 min

Lab File: VV008944.D

Acq: 14 Dec 2018 21:04

Tgt Ion: 78 Resp: 2237





#34

Trichloroethene

Concen: 0.552 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008944.D

Acq: 14 Dec 2018 21:04

Instrument :

MSVOA_V

ClientSampleId :

COL95

Tgt Ion: 95 Resp: 782

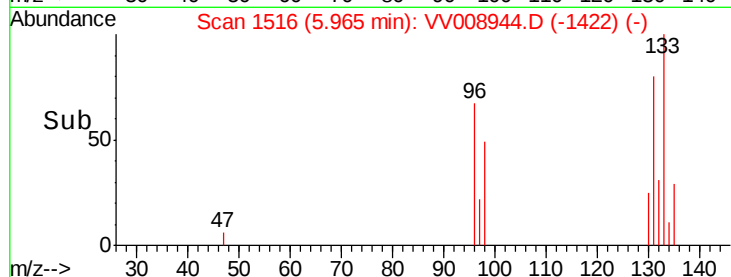
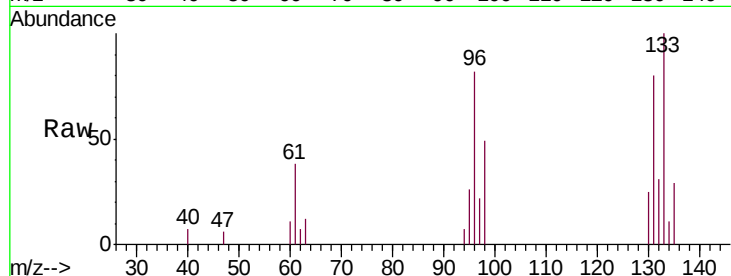
Ion Ratio Lower Upper

95 100

97 86.7 45.7 84.9#

132 122.9 72.2 134.2

130 95.9 73.8 137.2



Abundance Ion 95.00 (94.70 to 95.70): VV008923.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV008923.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV008923.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV008923.D (-1500) (-)

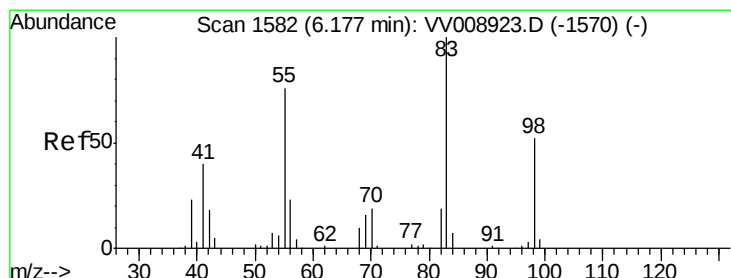
5.96

400

200

0

Time-->



#35

Methylcyclohexane

Concen: 9.098 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008944.D

Acq: 14 Dec 2018 21:04

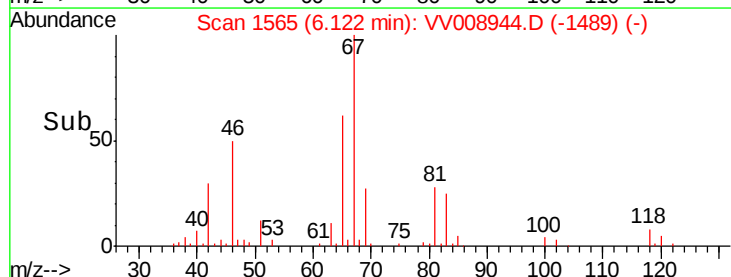
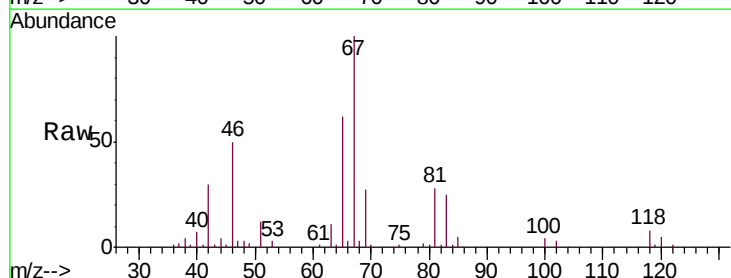
Tgt Ion: 83 Resp: 19115

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 0.3 39.0 58.4#



Abundance Ion 83.00 (82.70 to 83.70): VV008923.D (-1570) (-)

Ion 55.00 (54.70 to 55.70): VV008923.D (-1570) (-)

Ion 98.00 (97.70 to 98.70): VV008923.D (-1570) (-)

6.12

10000

8000

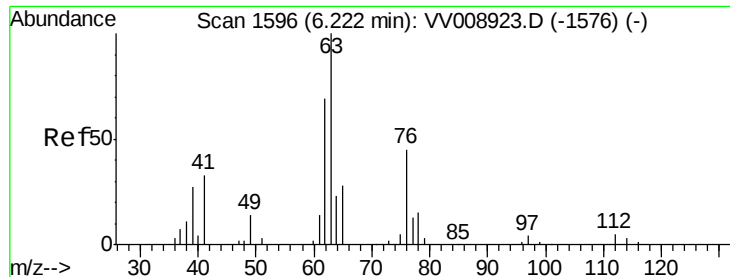
6000

4000

2000

0

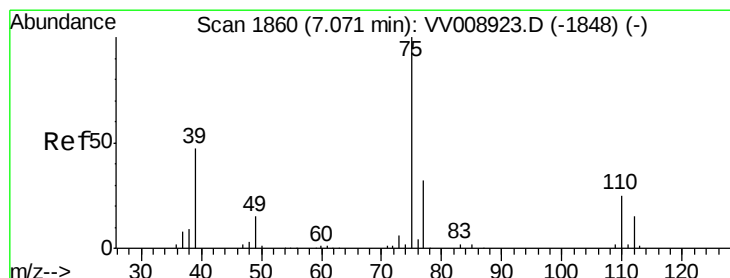
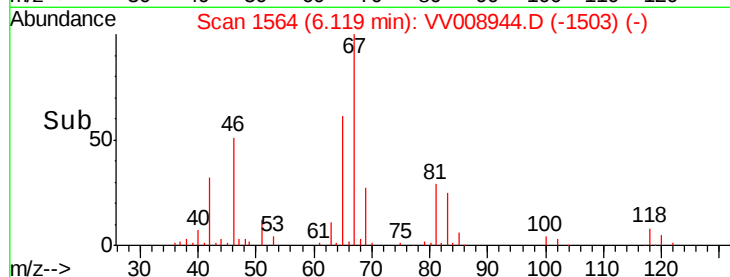
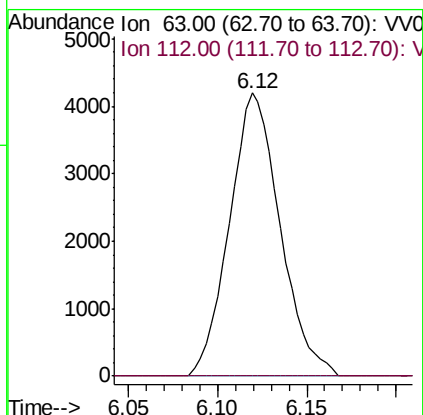
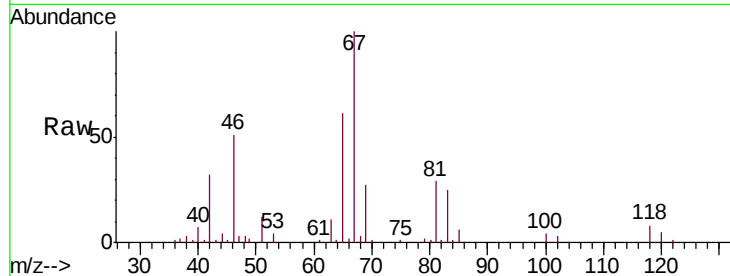
Time-->



#37
 1,2-Dichloropropane
 Concen: 6.553 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008944.D
 Acq: 14 Dec 2018 21:04

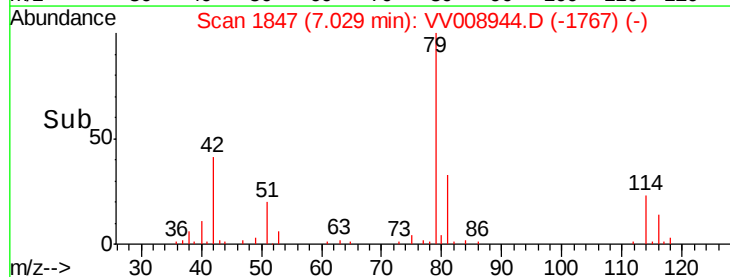
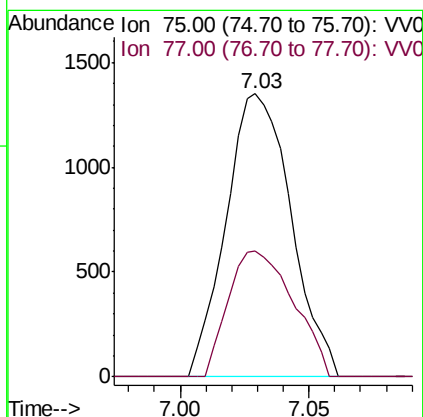
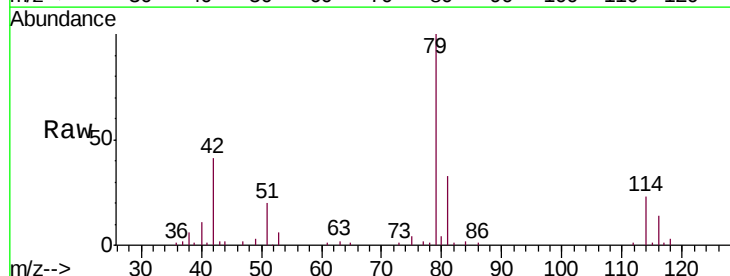
Instrument :
 MSVOA_V
 ClientSampleId :
 COL95

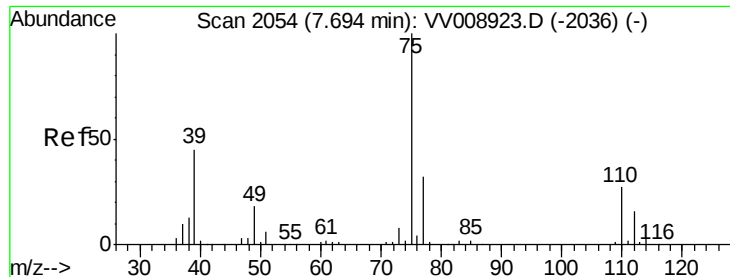
Tgt Ion: 63 Resp: 8315
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.173 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008944.D
 Acq: 14 Dec 2018 21:04

Tgt Ion: 75 Resp: 2373
 Ion Ratio Lower Upper
 75 100
 77 44.4 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.832 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008944.D

Acq: 14 Dec 2018 21:04

Instrument :

MSVOA_V

ClientSampled :

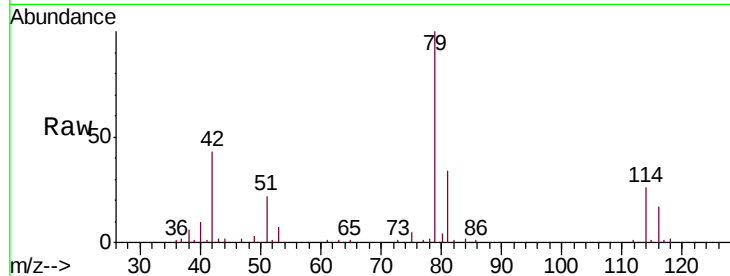
COL95

Tgt Ion: 75 Resp: 1569

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV008923.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008923.D (-2036) (-)

7.67

1000

800

600

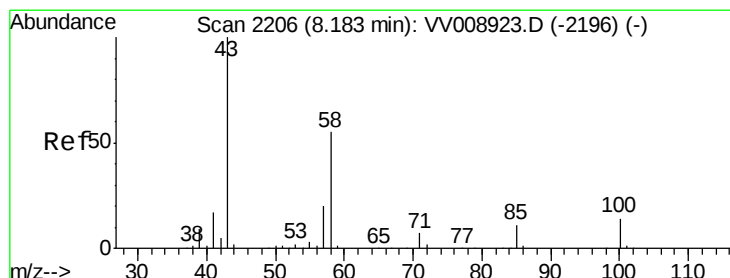
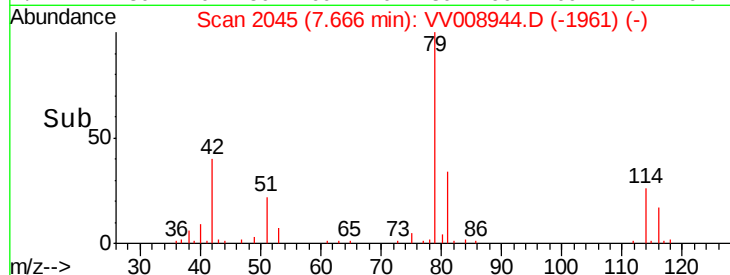
400

200

0

7.62 7.64 7.66 7.68 7.70

Time-->



#48

2-Hexanone

Concen: 5.315 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV008944.D

Acq: 14 Dec 2018 21:04

Tgt Ion: 43 Resp: 6488

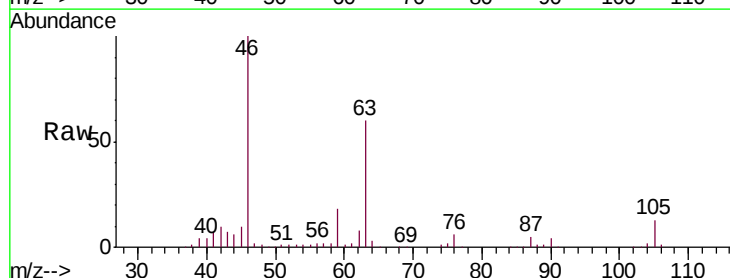
Ion Ratio Lower Upper

43 100

58 30.7 42.7 64.1#

57 30.3 15.7 23.5#

100 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008923.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV008923.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV008923.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV008923.D (-2196) (-)

6000

5000

4000

3000

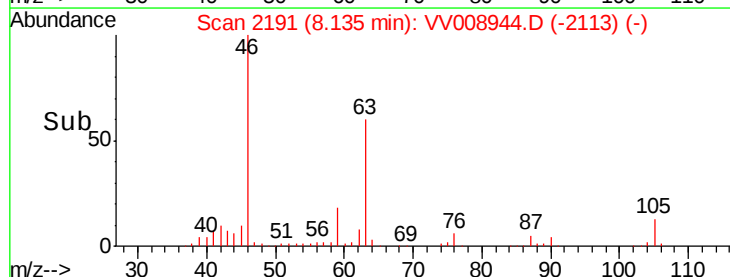
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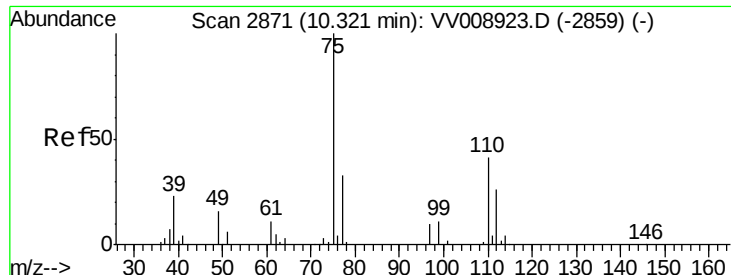
1000

0

8.10 8.15

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.865 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008944.D

Acq: 14 Dec 2018 21:04

Instrument :

MSVOA_V

ClientSampleId :

COL95

Tgt Ion: 75 Resp: 7774

Ion Ratio Lower Upper

75 100

77 38.8 25.8 38.8#

