

Data File : VV008915.D
Acq On : 13 Dec 2018 17:49
Operator : SY/MD
Sample : J6367-05
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL41

Quant Time: Dec 14 01:14:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 01:09:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	210616	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80349	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57653	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.74%
7) Chloroethane-d5	1.57	69	43170	55.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.54%
11) 1,1-Dichloroethene-d2	2.13	63	109629	37.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.48%
21) 2-Butanone-d5	3.93	46	84604	103.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.02%
24) Chloroform-d	4.41	84	127129	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	5.08	65	85703	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
32) Benzene-d6	5.10	84	263767	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.12	67	79486	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.64%
41) Toluene-d8	7.36	98	242644	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%
43) trans-1,3-Dichloropropene-	7.67	79	38118	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.10%
47) 2-Hexanone-d5	8.13	63	57268	98.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97769	48.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.82%
64) 1,2-Dichlorobenzene-d4	11.67	152	85822	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.13	101	1122	0.478	ug/L #	26
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1144	0.796	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1188	0.908	ug/L #	1
13) Acetone	2.19	43	3522	2.852	ug/L	72
27) 1,2-Dichloroethane	5.10	62	1414	0.699	ug/L #	74
34) Trichloroethene	5.96	95	5143	3.346	ug/L	95
35) Methylcyclohexane	6.12	83	19411	8.516	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8825	6.411	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2492	1.135	ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	8716	5.028	ug/L	96

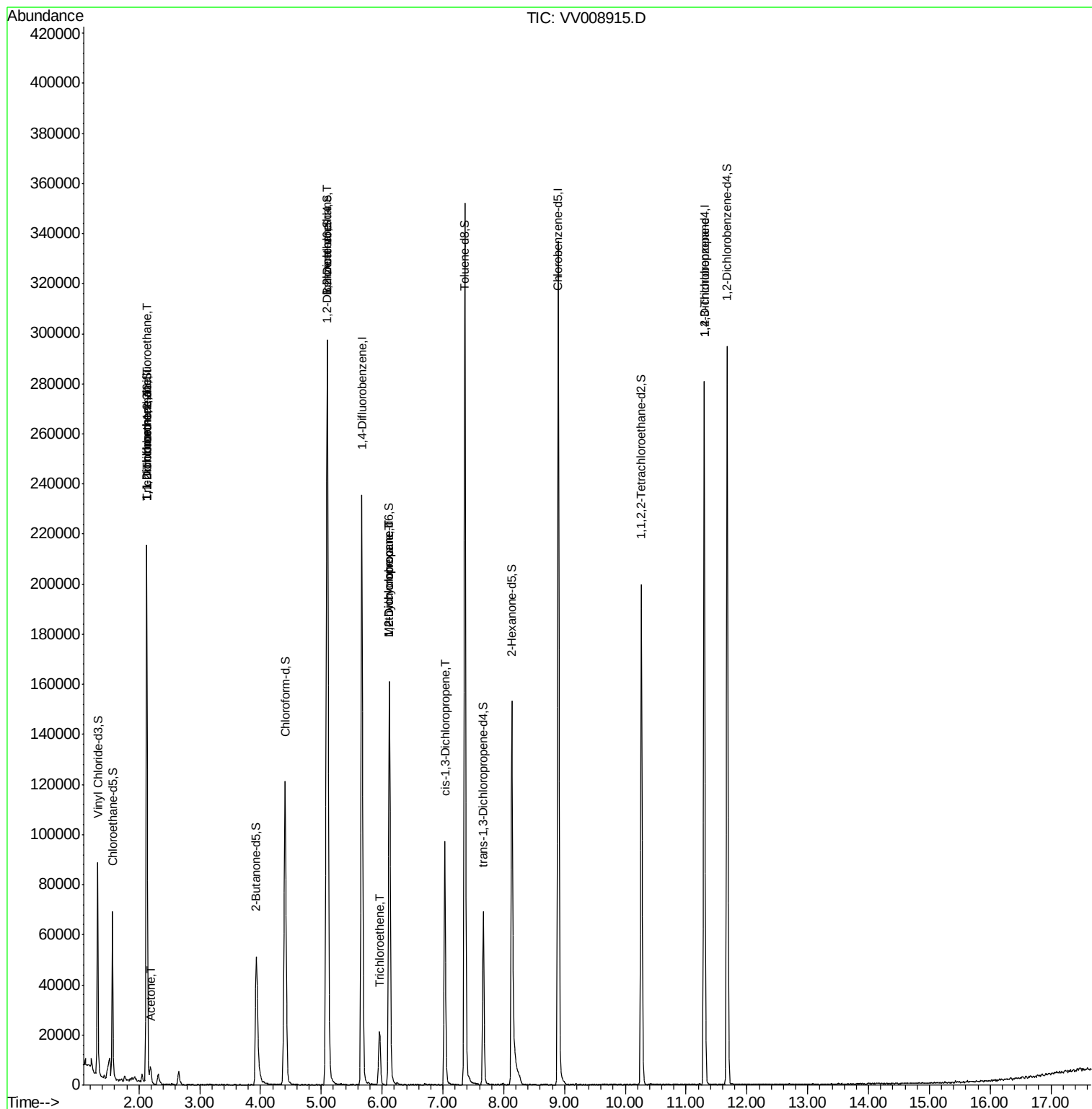
(#) = qualifier out of range (m) = manual integration (+) = signals summed

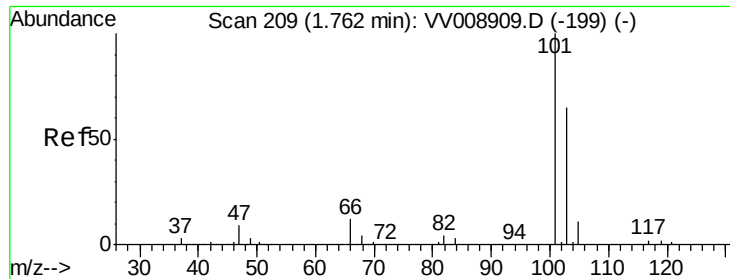
Data File : VV008915.D

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ALS Vial     : 15      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
C0L41

Quant Time: Dec 14 01:14:16 2018
Quant Method : Z:\V\OASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
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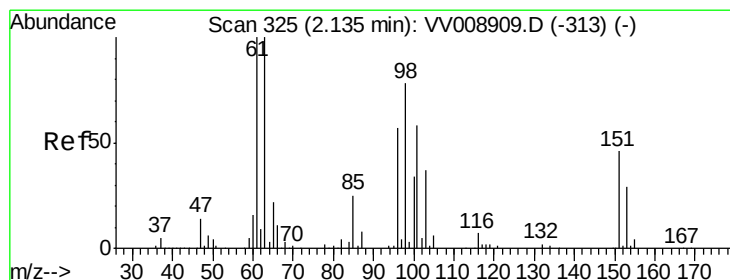
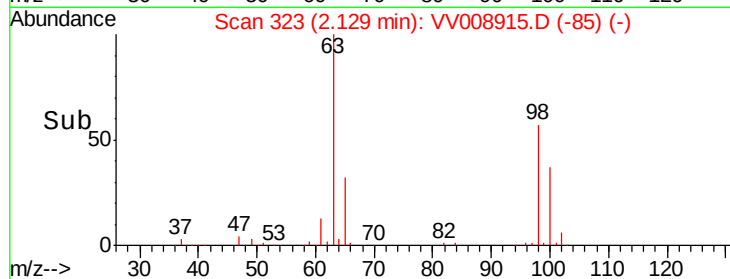
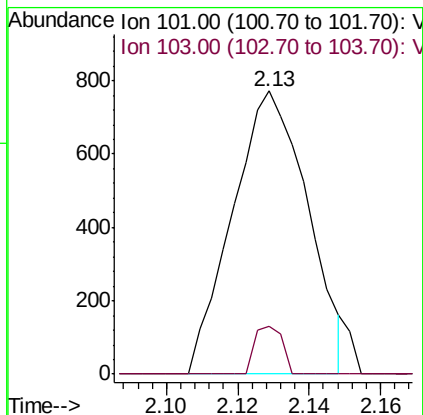
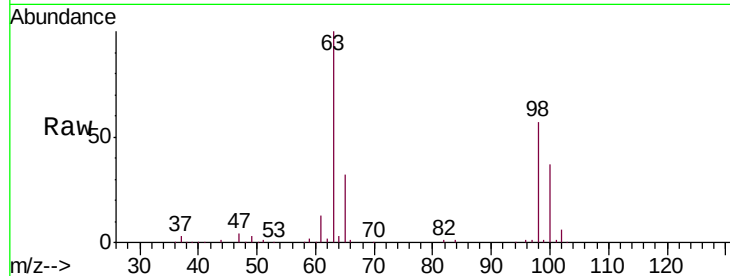


#9

Trichlorofluoromethane
 Concen: 0.478 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008915.D
 Acq: 13 Dec 2018 17:49

Instrument :
 MSVOA_V
 ClientSampled :
 COL41

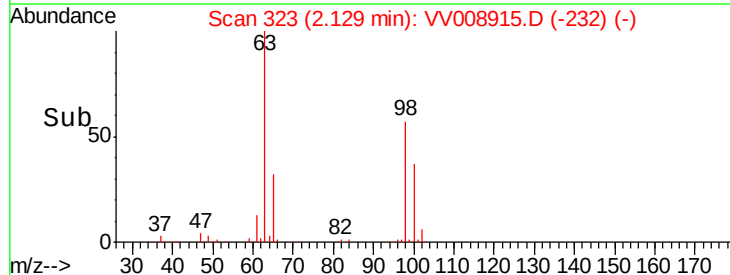
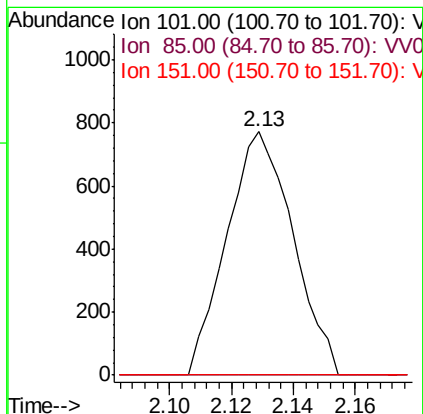
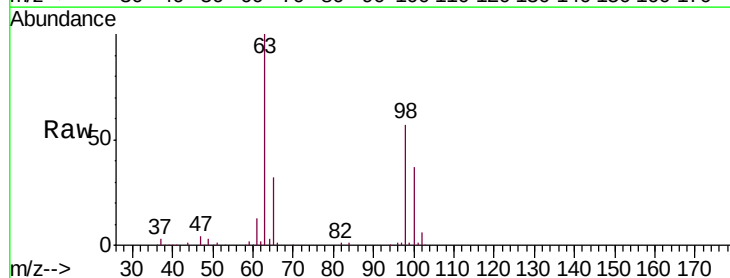
Tgt Ion:101 Resp: 1122
 Ion Ratio Lower Upper
 101 100
 103 6.1 51.5 77.3#

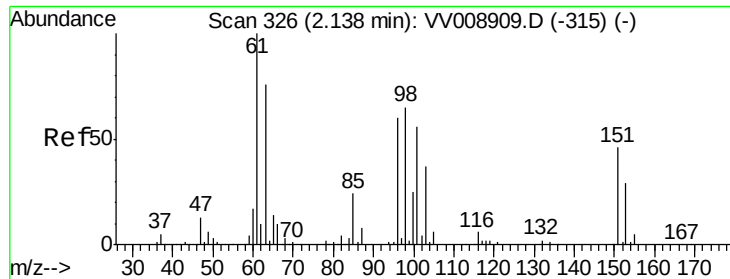


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.796 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008915.D
 Acq: 13 Dec 2018 17:49

Tgt Ion:101 Resp: 1144
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

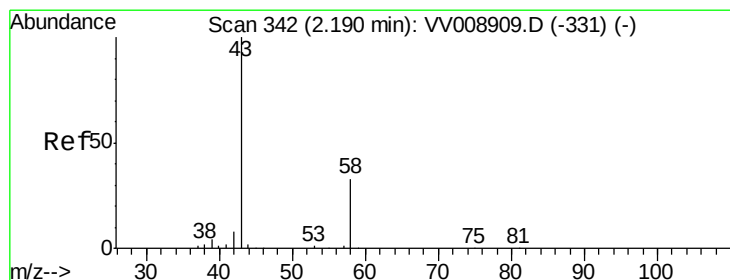
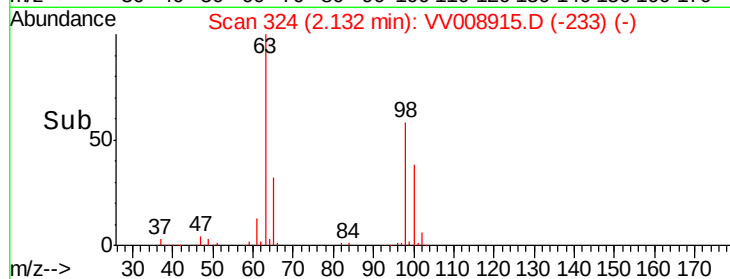
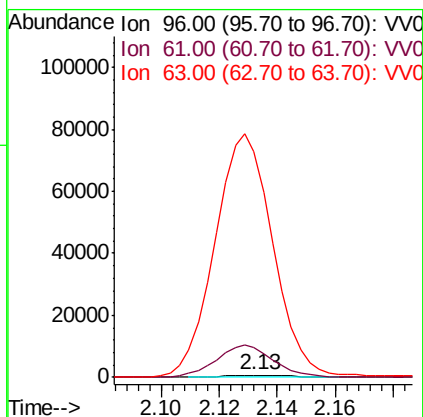
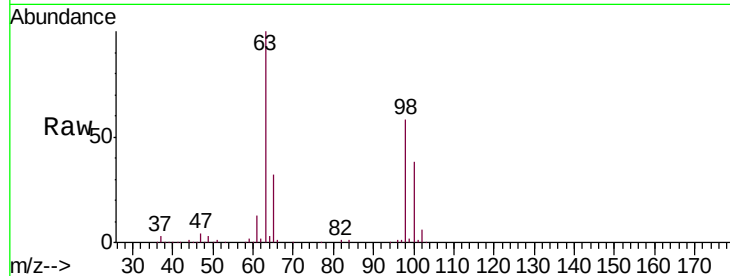




#12
 1,1-Dichloroethene
 Concen: 0.908 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008915.D
 Acq: 13 Dec 2018 17:49

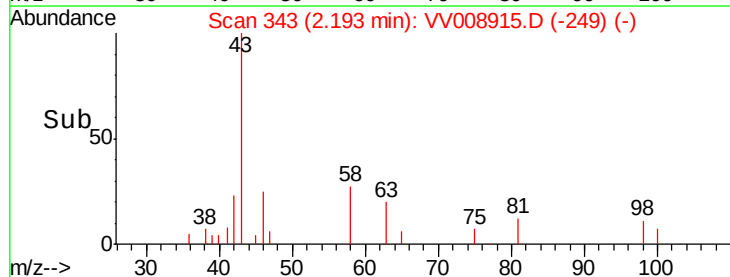
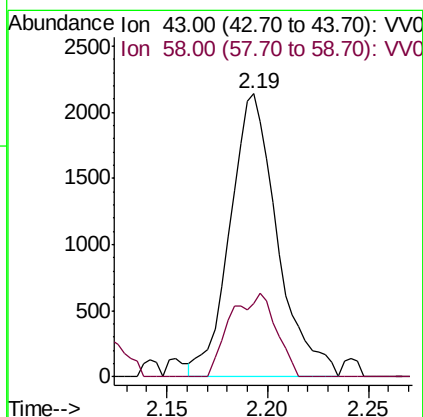
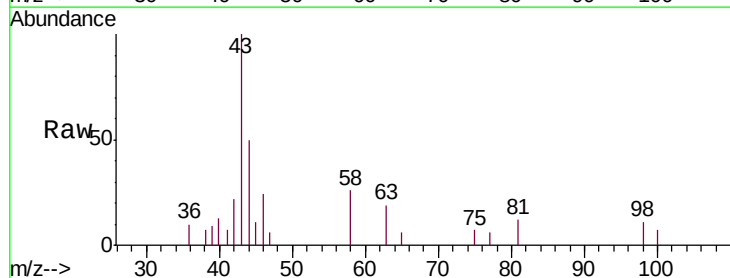
Instrument :
 MSVOA_V
 ClientSampleId :
 COL41

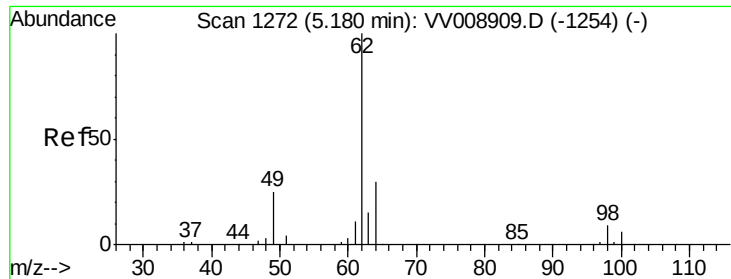
Tgt Ion: 96 Resp: 1188
 Ion Ratio Lower Upper
 96 100
 61 1343.2 119.1 221.3#
 63 10291.2 96.0 178.2#



#13
 Acetone
 Concen: 2.852 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008915.D
 Acq: 13 Dec 2018 17:49

Tgt Ion: 43 Resp: 3522
 Ion Ratio Lower Upper
 43 100
 58 15.4 0.0 61.8





#27

1,2-Dichloroethane

Concen: 0.699 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV008915.D

Acq: 13 Dec 2018 17:49

Instrument :

MSVOA_V

ClientSampleId :

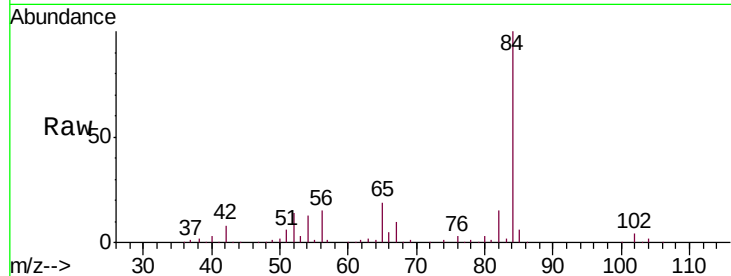
COL41

Tgt Ion: 62 Resp: 1414

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VV008915.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VV008915.D (-1247) (-)

5.10

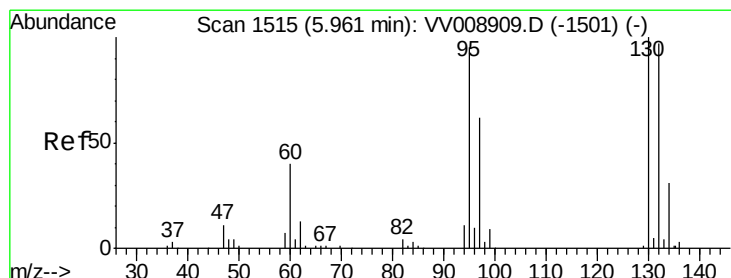
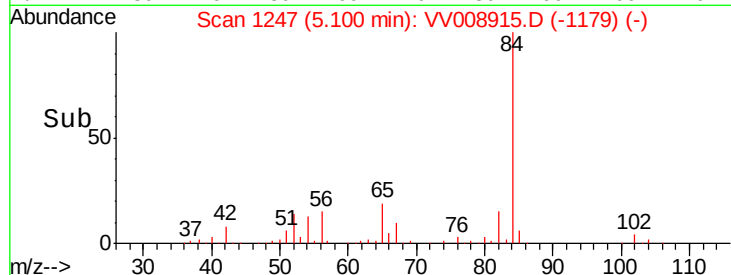
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 3.346 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008915.D

Acq: 13 Dec 2018 17:49

Tgt Ion: 95 Resp: 5143

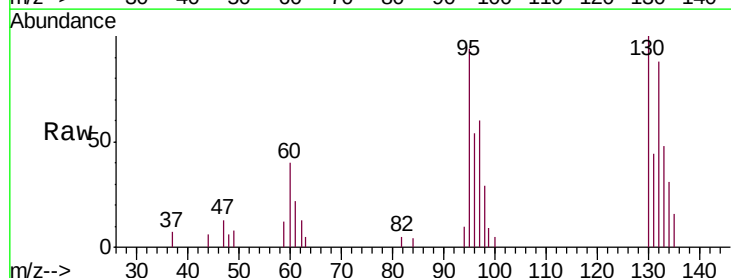
Ion Ratio Lower Upper

95 100

97 63.3 45.7 84.9

132 93.1 72.2 134.2

130 106.0 73.8 137.2



Abundance Ion 95.00 (94.70 to 95.70): VV008915.D (-1422) (-)

Ion 97.00 (96.70 to 97.70): VV008915.D (-1422) (-)

Ion 132.00 (131.70 to 132.70): VV008915.D (-1422) (-)

Ion 130.00 (129.70 to 130.70): VV008915.D (-1422) (-)

4000

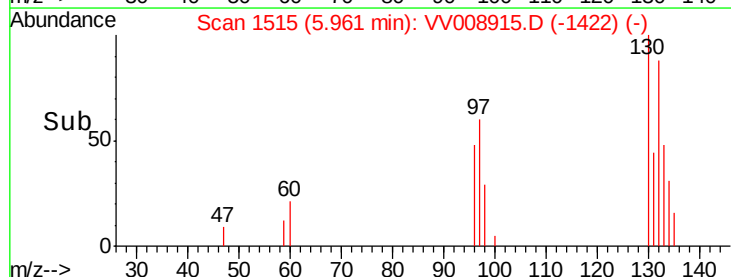
3000

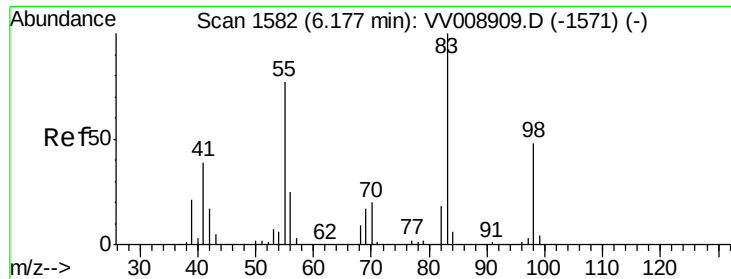
2000

1000

0

Time-->

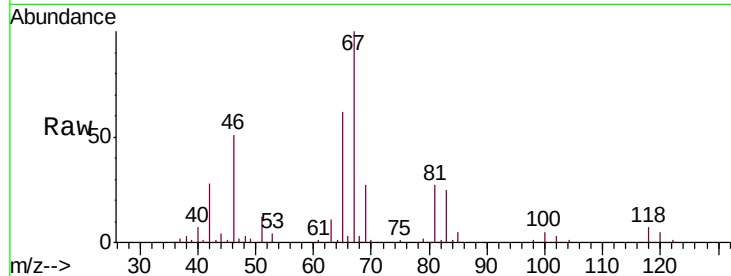




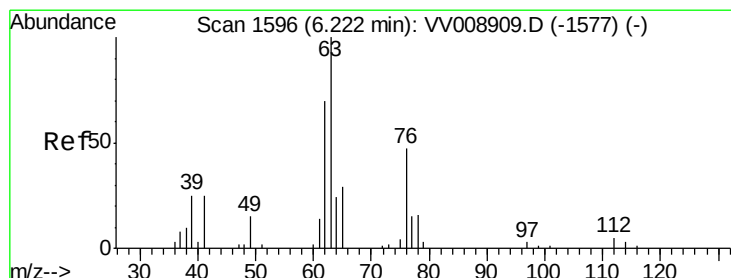
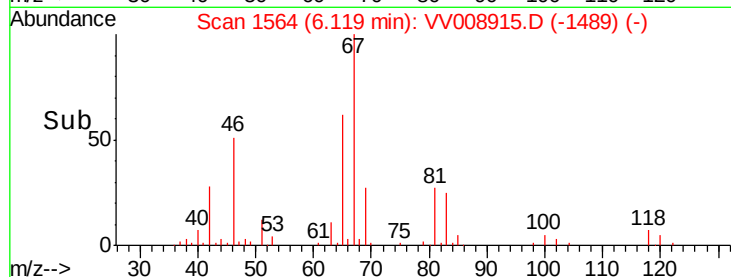
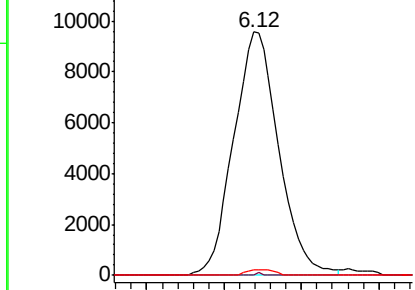
#35
Methylcyclohexane
Concen: 8.516 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008915.D
Acq: 13 Dec 2018 17:49

Instrument :
MSVOA_V
ClientSampled :
COL41

Tgt Ion: 83 Resp: 19411
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 1.4 39.0 58.4#

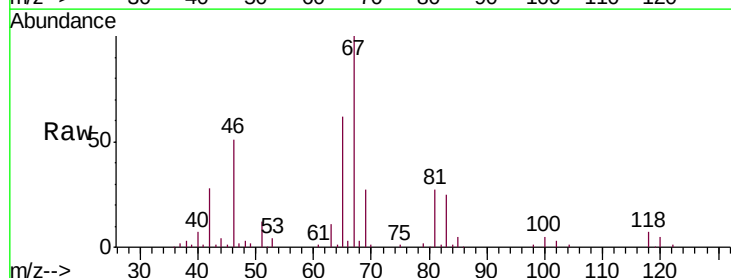


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

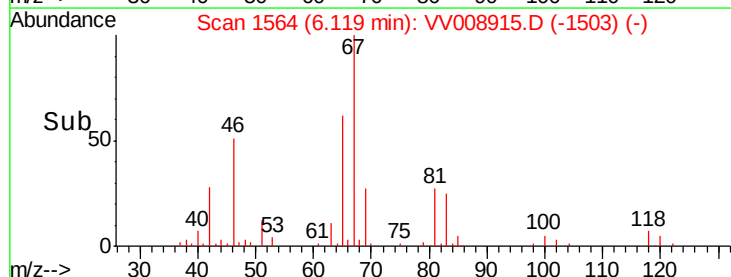
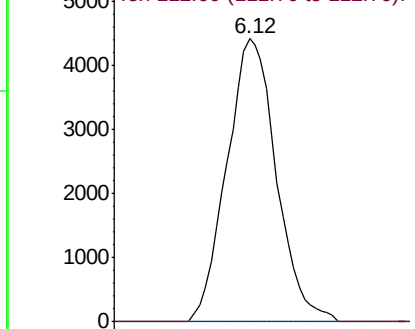


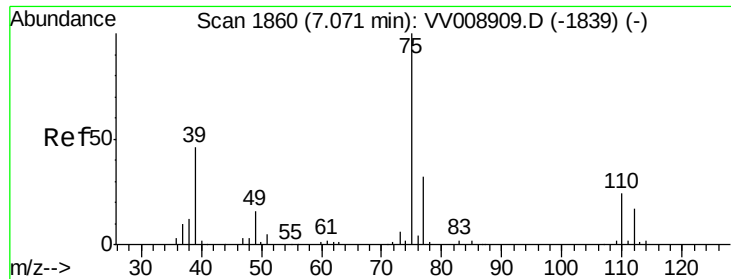
#37
1,2-Dichloropropane
Concen: 6.411 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008915.D
Acq: 13 Dec 2018 17:49

Tgt Ion: 63 Resp: 8825
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

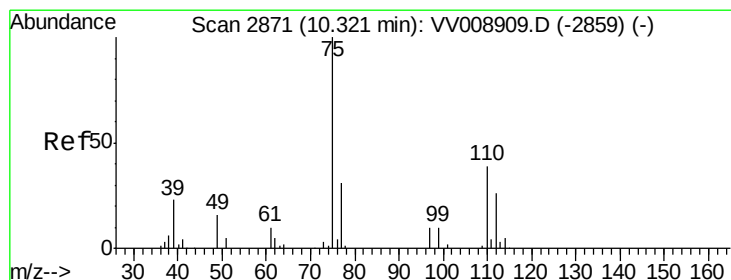
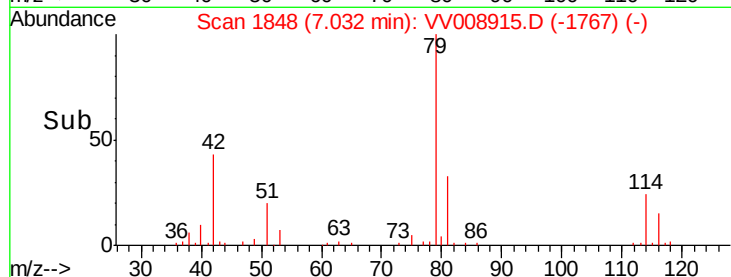
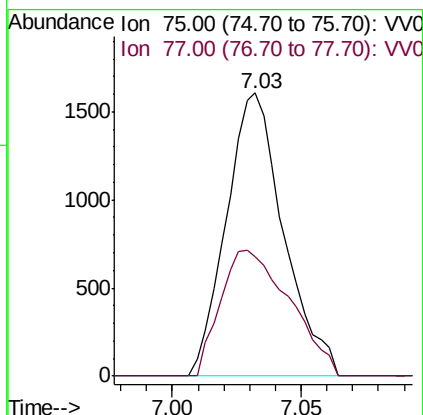
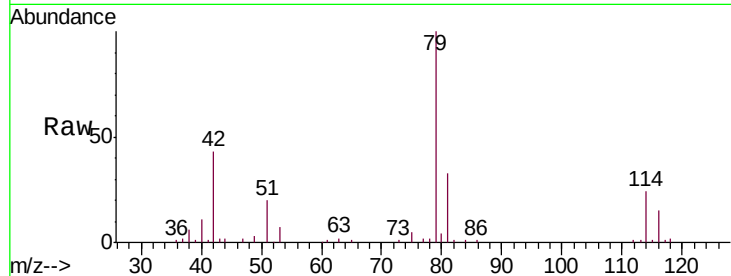




#39
 cis-1,3-Dichloropropene
 Concen: 1.135 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008915.D
 Acq: 13 Dec 2018 17:49

Instrument :
 MSVOA_V
 ClientSampleId :
 COL41

Tgt Ion: 75 Resp: 2492
 Ion Ratio Lower Upper
 75 100
 77 42.4 21.8 40.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.028 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008915.D
 Acq: 13 Dec 2018 17:49

Tgt Ion: 75 Resp: 8716
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.8 38.8

