

Data File : VV008912.D
Acq On : 13 Dec 2018 16:37
Operator : SY/MD
Sample : J6367-02
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL37

Quant Time: Dec 14 01:13:44 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	185544	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171703	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70910	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57378	52.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.90%
7) Chloroethane-d5	1.57	69	43828	64.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	128.54%
11) 1,1-Dichloroethene-d2	2.13	63	102575	40.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.18%
21) 2-Butanone-d5	3.93	46	82970	114.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.68%
24) Chloroform-d	4.41	84	127311	55.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.14%
26) 1,2-Dichloroethane-d4	5.09	65	85150	57.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.64%
32) Benzene-d6	5.10	84	262507	56.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.46%
36) 1,2-Dichloropropane-d6	6.12	67	78711	56.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.22%
41) Toluene-d8	7.36	98	246057	56.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.30%
43) trans-1,3-Dichloropropene-	7.67	79	38065	53.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.96%
47) 2-Hexanone-d5	8.13	63	55233	107.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.33%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98210	54.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	84906	58.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.10%

Target Compounds

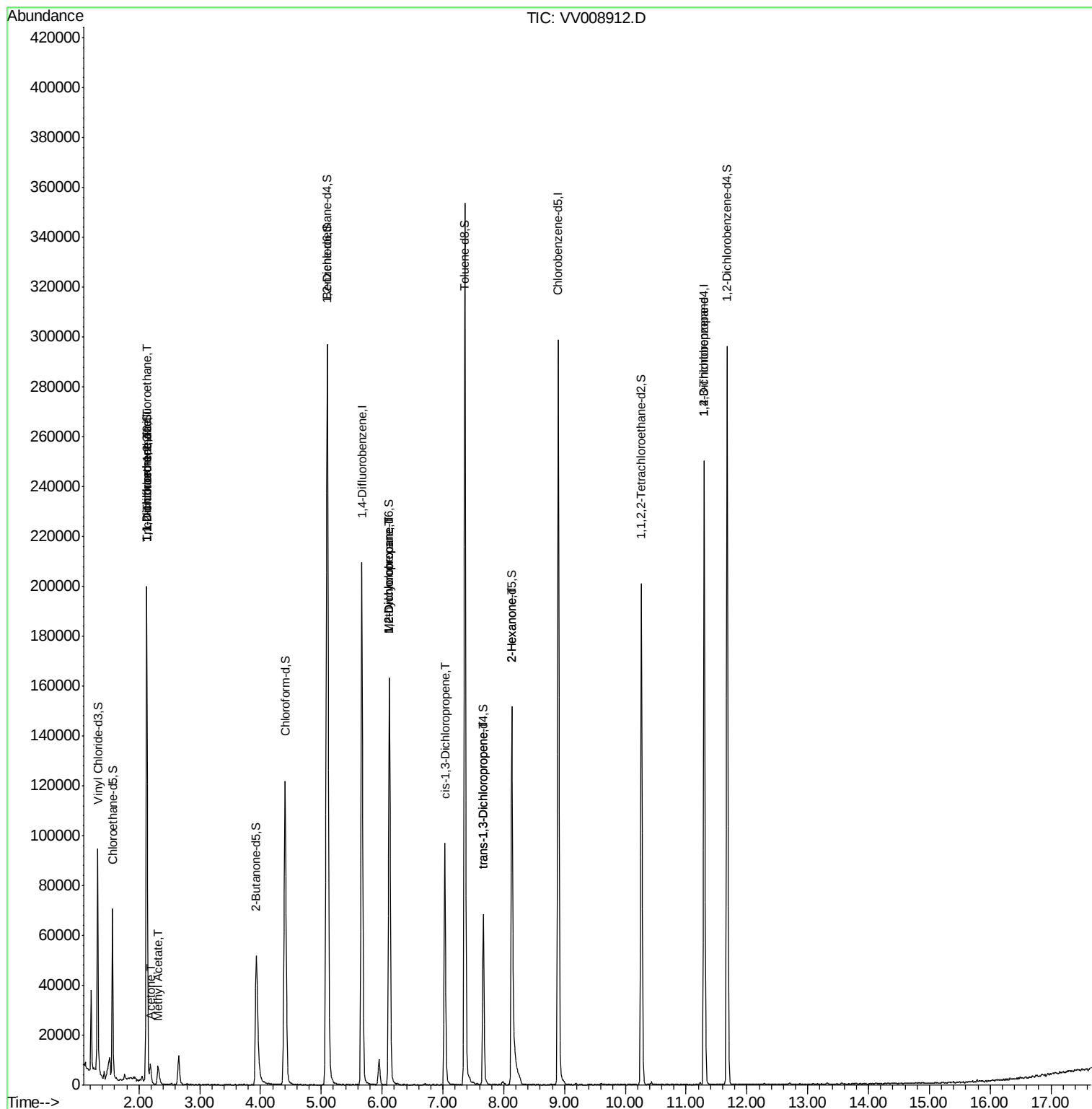
					Qvalue	
9) Trichlorofluoromethane	2.13	101	1047	0.506	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1070	0.845	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	964	0.837	ug/L #	1
13) Acetone	2.19	43	3392	3.118	ug/L	94
15) Methyl Acetate	2.31	43	1416	1.203	ug/L #	49
35) Methylcyclohexane	6.12	83	19124	9.438	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9622	7.863	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2623	1.344	ug/L #	67
44) trans-1,3-Dichloropropene	7.67	75	1769	0.973	ug/L #	75
48) 2-Hexanone	8.13	43	6426	5.458	ug/L #	75
59) 1,2,3-Trichloropropane	11.30	75	7110	4.614	ug/L #	87

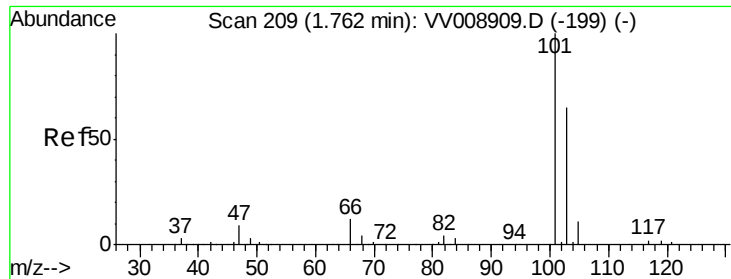
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.506 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV008912.D

Acq: 13 Dec 2018 16:37

Instrument :

MSVOA_V

ClientSampleId :

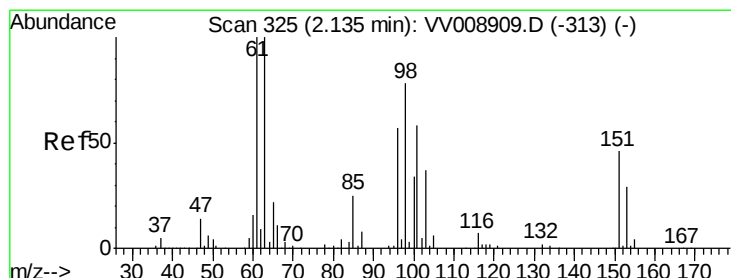
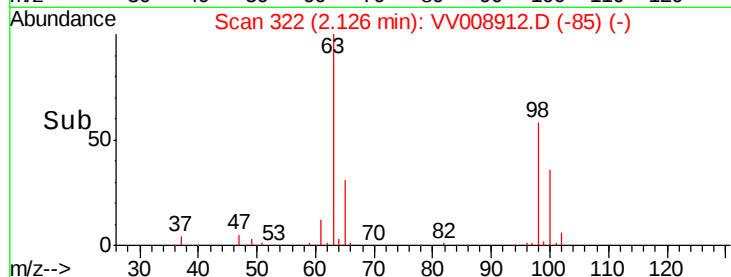
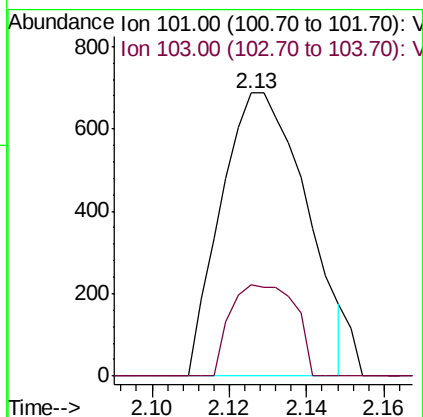
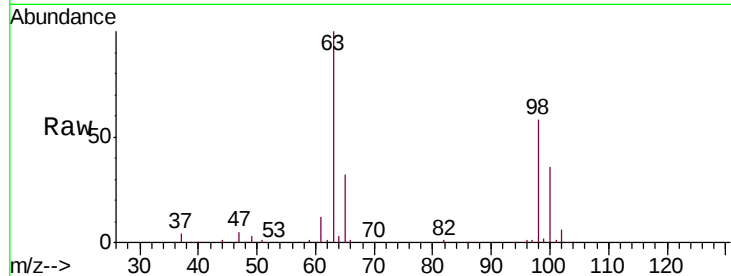
COL37

Tgt Ion:101 Resp: 1047

Ion Ratio Lower Upper

101 100

103 24.5 51.5 77.3#



#10

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

Concen: 0.845 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008912.D

Acq: 13 Dec 2018 16:37

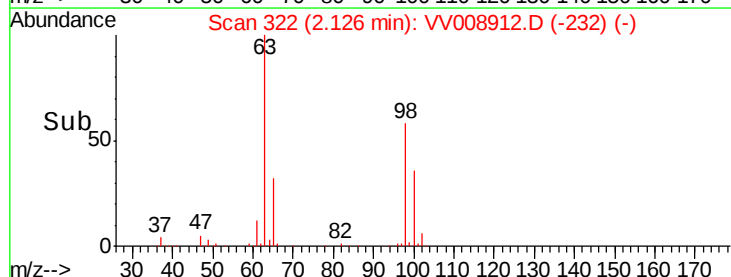
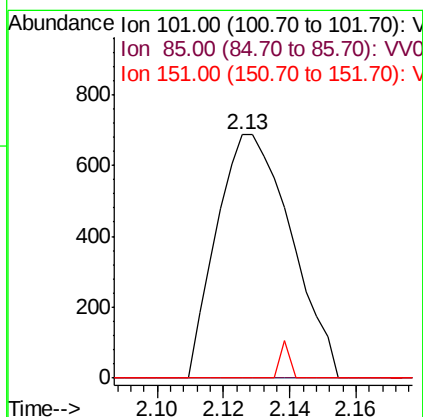
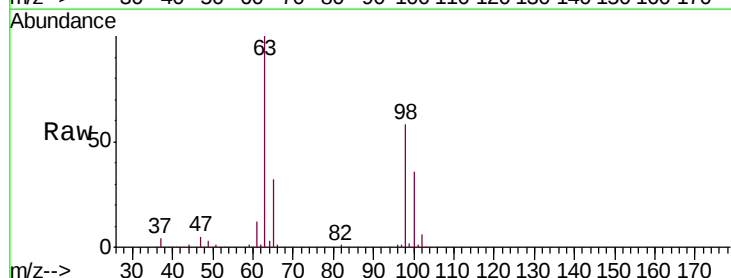
Tgt Ion:101 Resp: 1070

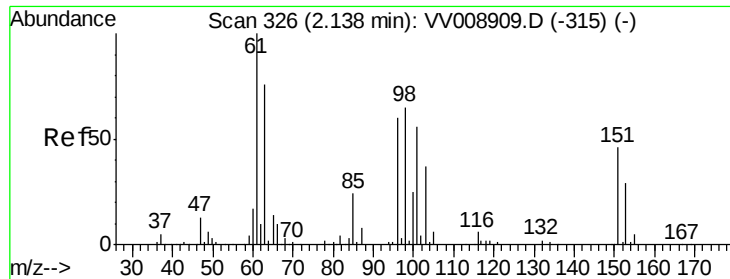
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#

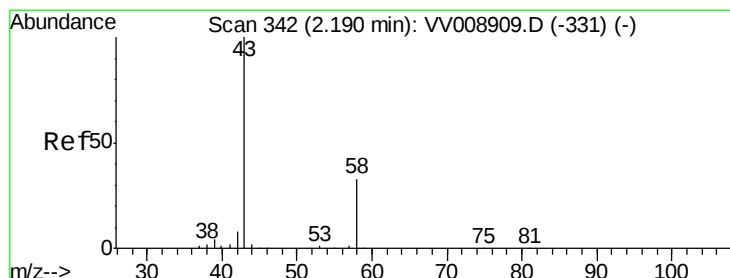
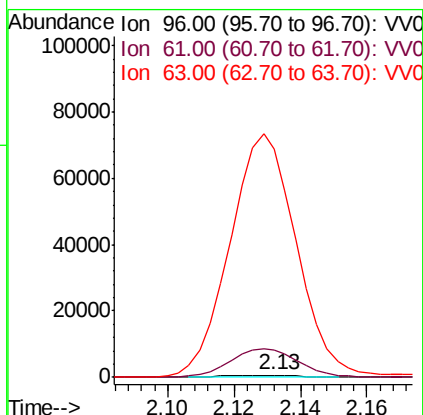
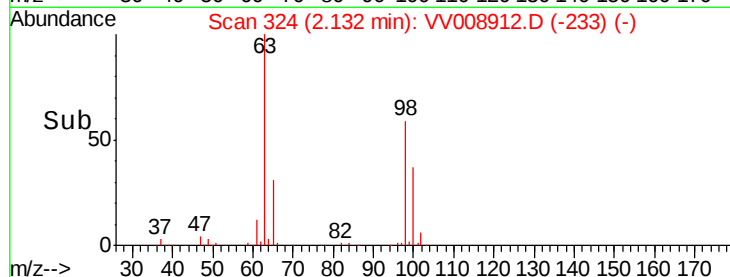
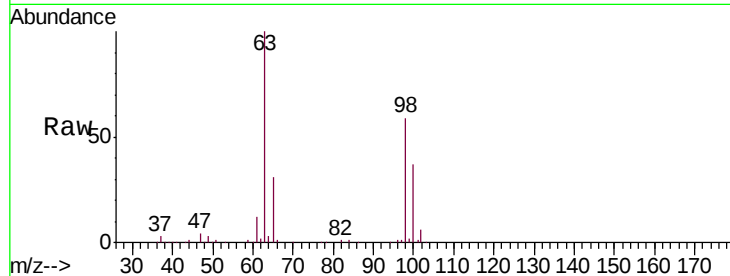




#12
 1,1-Dichloroethene
 Concen: 0.837 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008912.D
 Acq: 13 Dec 2018 16:37

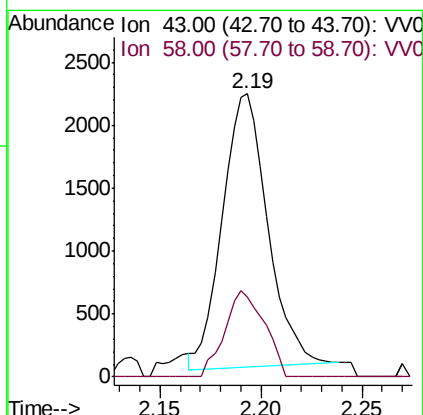
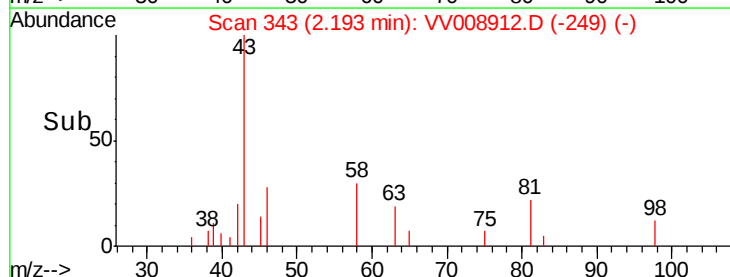
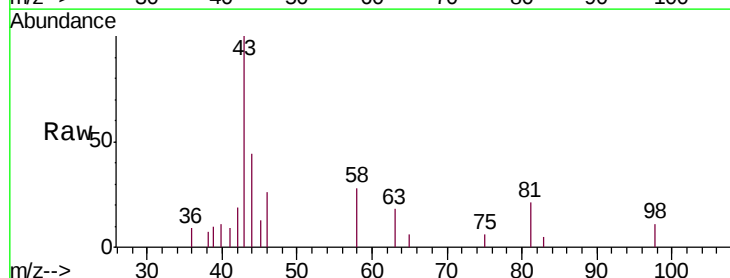
Instrument :
 MSVOA_V
 ClientSampleId :
 COL37

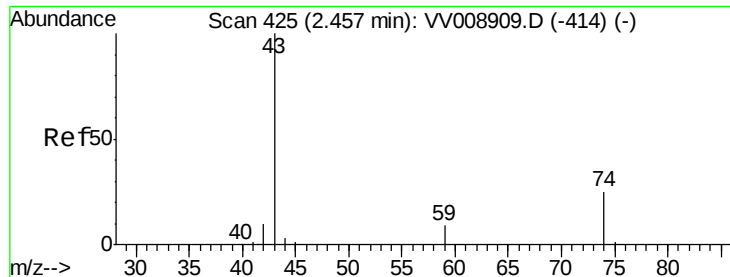
Tgt Ion: 96 Resp: 964
 Ion Ratio Lower Upper
 96 100
 61 1368.7 119.1 221.3#
 63 11390.7 96.0 178.2#



#13
 Acetone
 Concen: 3.118 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008912.D
 Acq: 13 Dec 2018 16:37

Tgt Ion: 43 Resp: 3392
 Ion Ratio Lower Upper
 43 100
 58 27.7 0.0 61.8





#15

Methyl Acetate

Concen: 1.203 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.14 min

Lab File: VV008912.D

Acq: 13 Dec 2018 16:37

Instrument :

MSVOA_V

ClientSampleId :

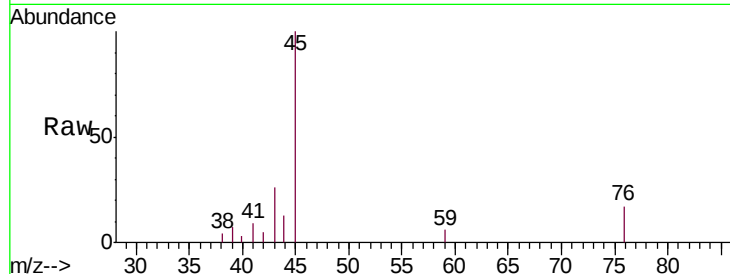
COL37

Tgt Ion: 43 Resp: 1416

Ion Ratio Lower Upper

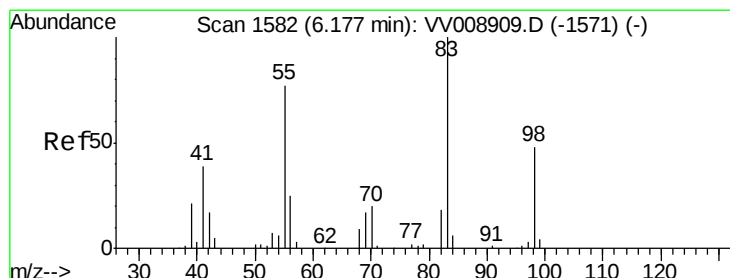
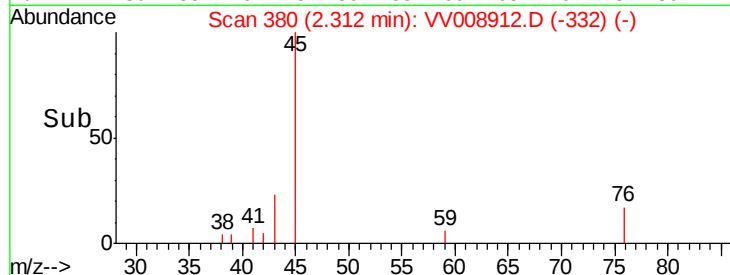
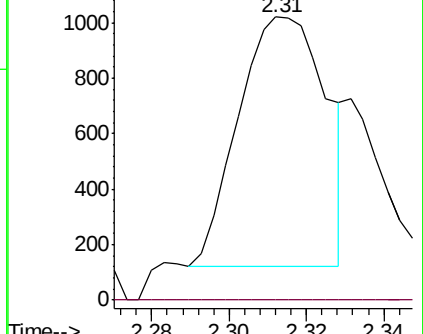
43 100

74 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VV008912.D (-332) (-)

Ion 74.00 (73.70 to 74.70): VV008912.D (-332) (-)



#35

Methylcyclohexane

Concen: 9.438 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008912.D

Acq: 13 Dec 2018 16:37

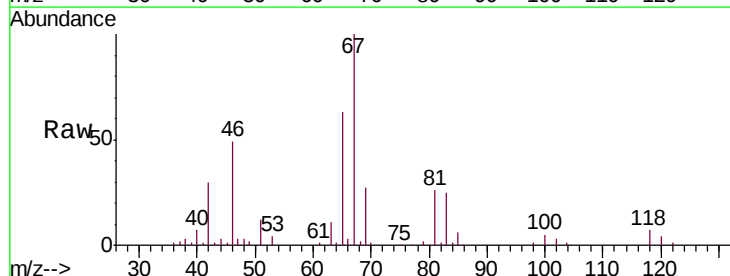
Tgt Ion: 83 Resp: 19124

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

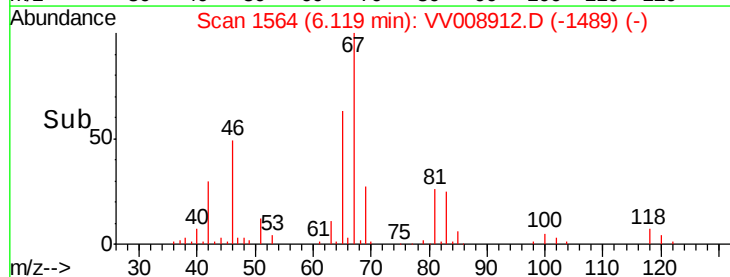
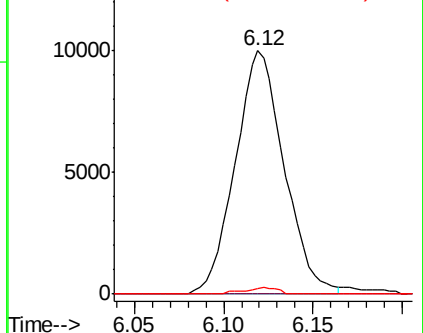
98 1.4 39.0 58.4#

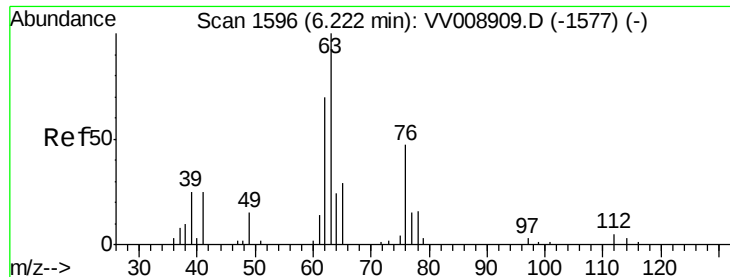


Abundance Ion 83.00 (82.70 to 83.70): VV008912.D (-1489) (-)

Ion 55.00 (54.70 to 55.70): VV008912.D (-1489) (-)

Ion 98.00 (97.70 to 98.70): VV008912.D (-1489) (-)

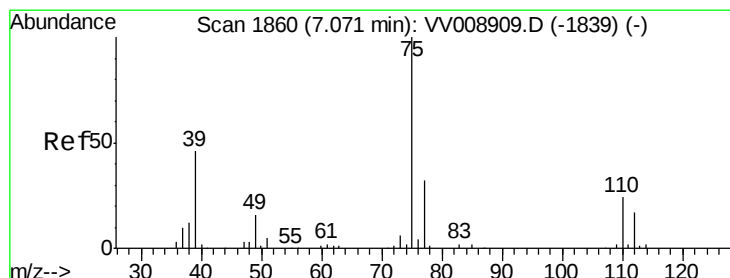
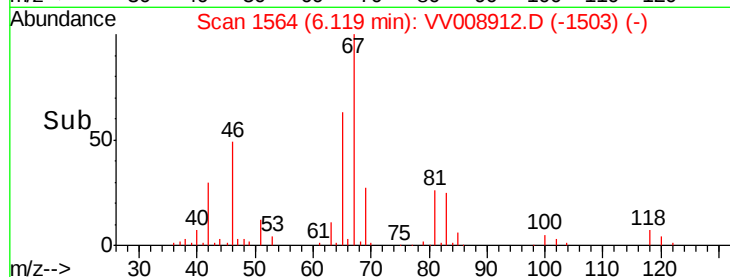
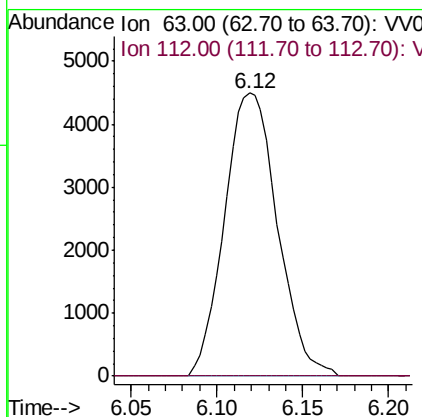
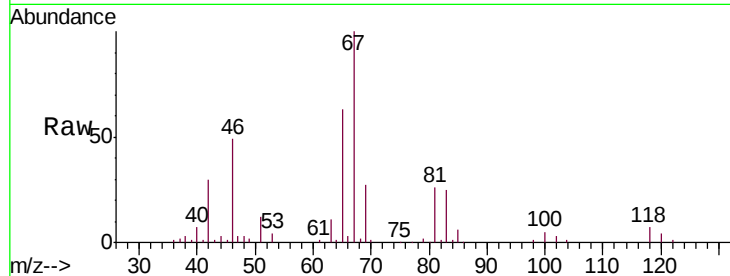




#37
 1,2-Dichloropropane
 Concen: 7.863 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008912.D
 Acq: 13 Dec 2018 16:37

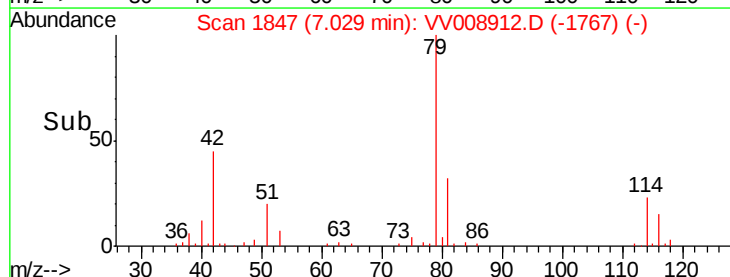
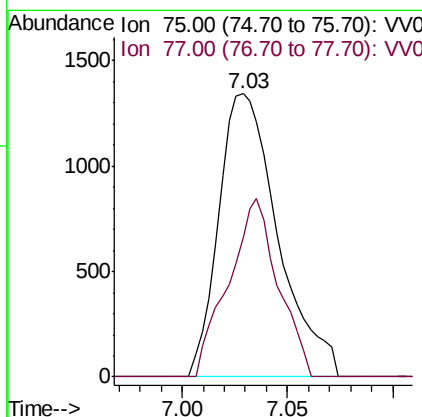
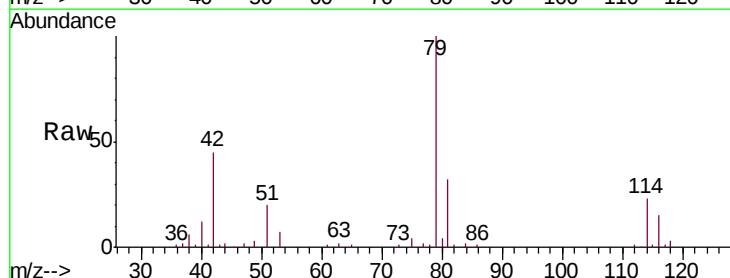
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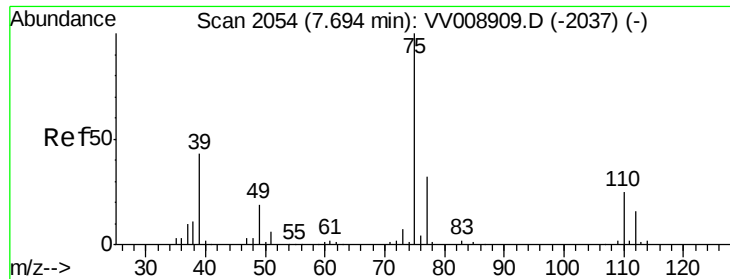
Tgt Ion: 63 Resp: 9622
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.344 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008912.D
 Acq: 13 Dec 2018 16:37

Tgt Ion: 75 Resp: 2623
 Ion Ratio Lower Upper
 75 100
 77 49.5 21.8 40.4#

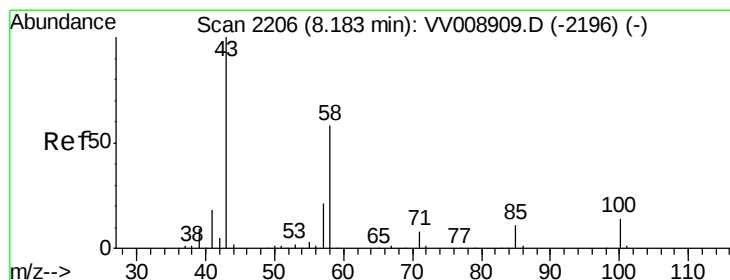
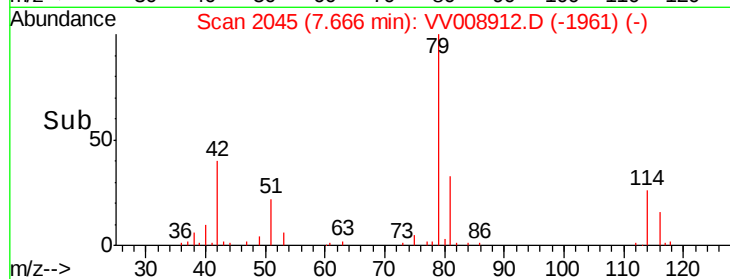
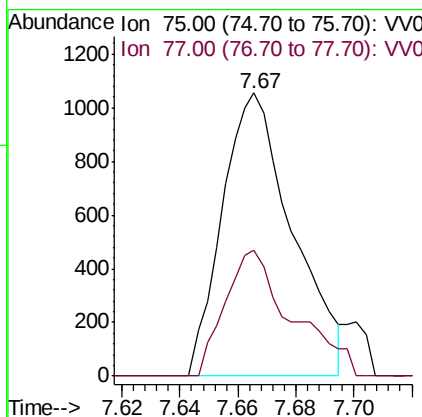
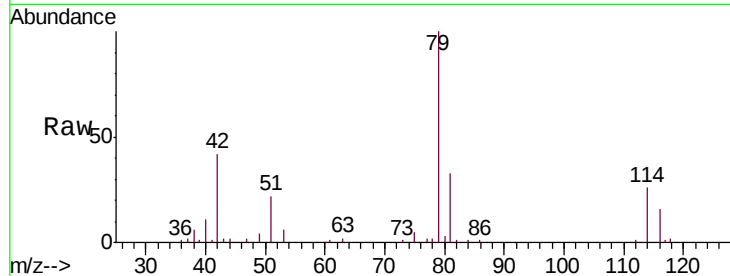




#44
trans-1,3-Dichloropropene
Concen: 0.973 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008912.D
Acq: 13 Dec 2018 16:37

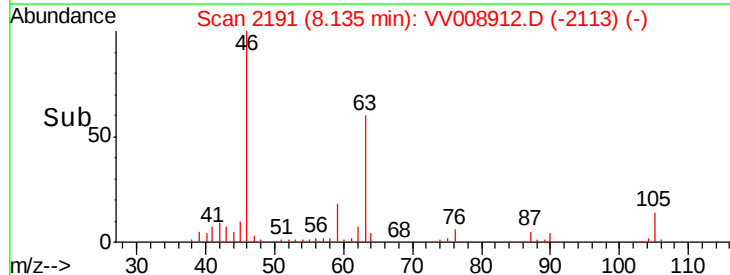
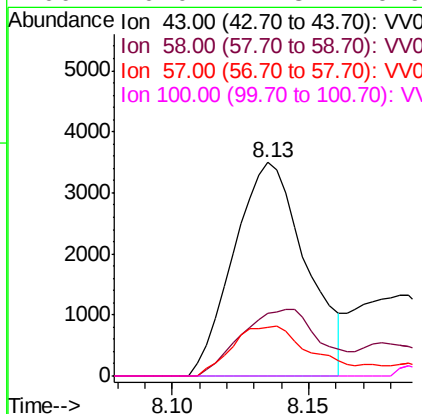
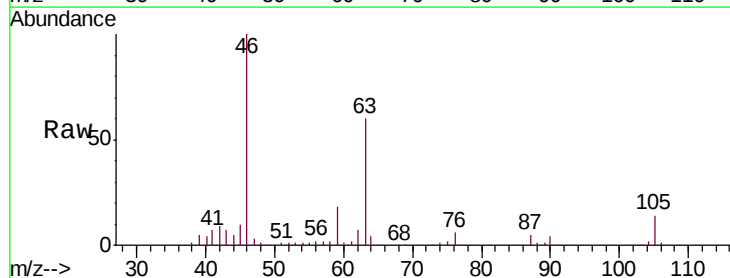
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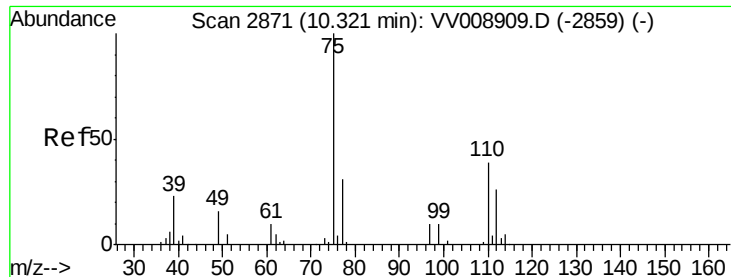
Tgt Ion: 75 Resp: 1769
Ion Ratio Lower Upper
75 100
77 44.5 21.6 40.2#



#48
2-Hexanone
Concen: 5.458 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV008912.D
Acq: 13 Dec 2018 16:37

Tgt Ion: 43 Resp: 6426
Ion Ratio Lower Upper
43 100
58 34.4 42.7 64.1#
57 25.3 15.7 23.5#
100 0.0 11.3 16.9#





#59
 1,2,3-Trichloropropane
 Concen: 4.614 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008912.D
 Acq: 13 Dec 2018 16:37

Instrument :
 MSVOA_V
 ClientSampleId :
 COL37

Tgt Ion: 75 Resp: 7110
 Ion Ratio Lower Upper
 75 100
 77 39.4 25.8 38.8#

