

Data File : VV008920.D
Acq On : 13 Dec 2018 19:49
Operator : SY/MD
Sample : J6367-10
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL46

Quant Time: Dec 14 01:15:07 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	205482	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80627	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53285	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.80%
7) Chloroethane-d5	1.56	69	40752	53.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.92%
11) 1,1-Dichloroethene-d2	2.13	63	108464	38.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.54%
21) 2-Butanone-d5	3.93	46	88494	110.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.45%
24) Chloroform-d	4.41	84	121150	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.08	65	81094	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
32) Benzene-d6	5.10	84	253279	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
36) 1,2-Dichloropropane-d6	6.12	67	74642	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.96%
41) Toluene-d8	7.36	98	229981	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%
43) trans-1,3-Dichloropropene-	7.67	79	35573	45.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.10%
47) 2-Hexanone-d5	8.14	63	56799	99.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93729	47.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	82026	49.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.66%

Target Compounds

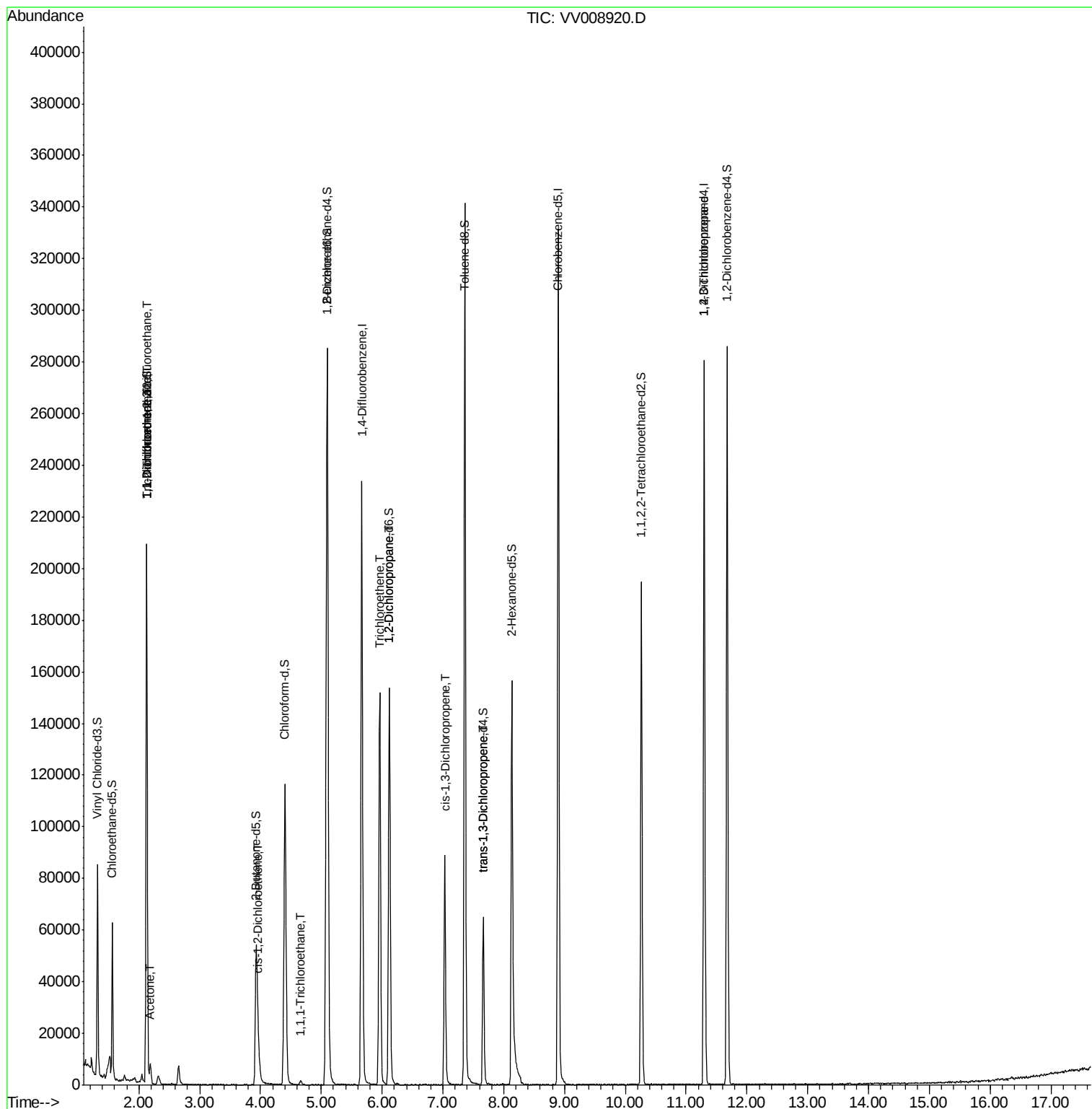
						Qvalue
9) Trichlorofluoromethane	2.13	101	933	0.407	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	933	0.665	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	4169	3.268	ug/L #	1
13) Acetone	2.19	43	3578	2.970	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	3789	2.558	ug/L	91
30) 1,1,1-Trichloroethane	4.66	97	864	0.371	ug/L #	89
34) Trichloroethene	5.96	95	51745	34.197	ug/L	96
37) 1,2-Dichloropropane	6.12	63	8449	6.235	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2273	1.052	ug/L	83
44) trans-1,3-Dichloropropene	7.66	75	1637	0.813	ug/L	83
59) 1,2,3-Trichloropropane	11.30	75	8520	4.993	ug/L	90

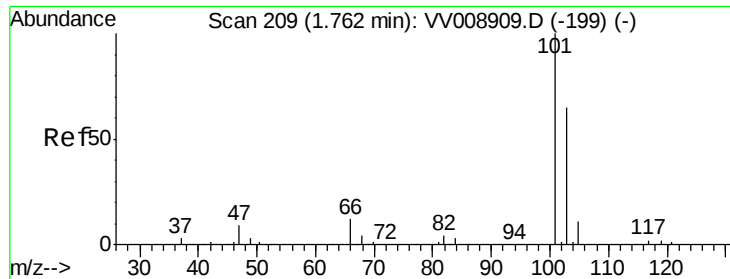
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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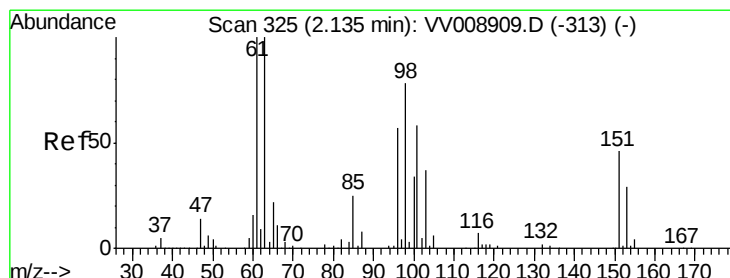
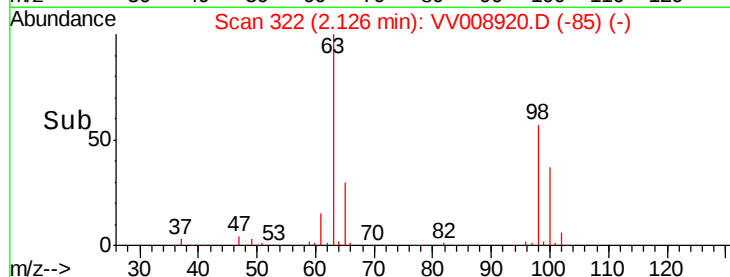
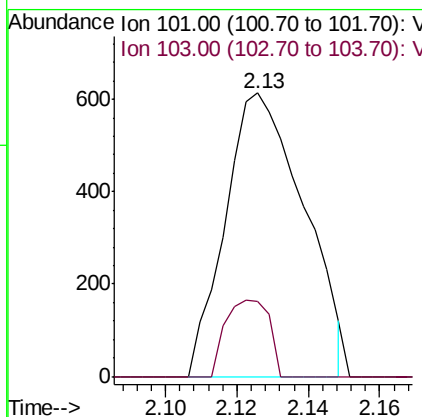
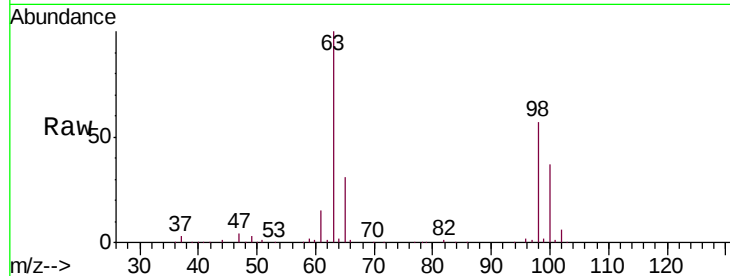


#9

Trichlorofluoromethane
 Concen: 0.407 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV008920.D
 Acq: 13 Dec 2018 19:49

Instrument :
 MSVOA_V
 ClientSampleId :
 COL46

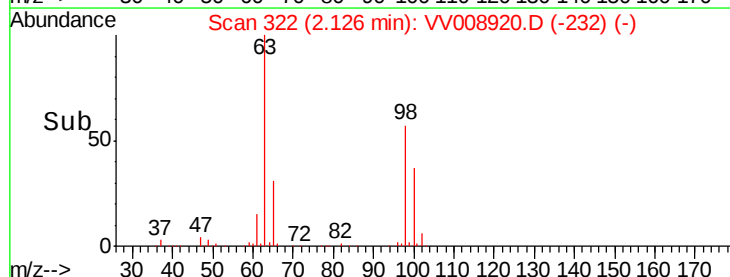
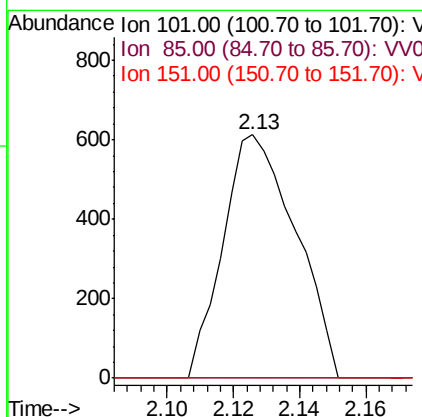
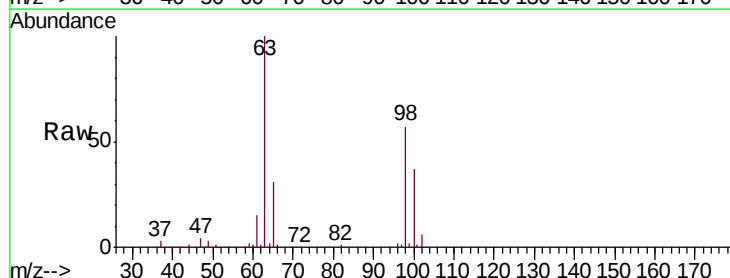
Tgt Ion:101 Resp: 933
 Ion Ratio Lower Upper
 101 100
 103 14.9 51.5 77.3#

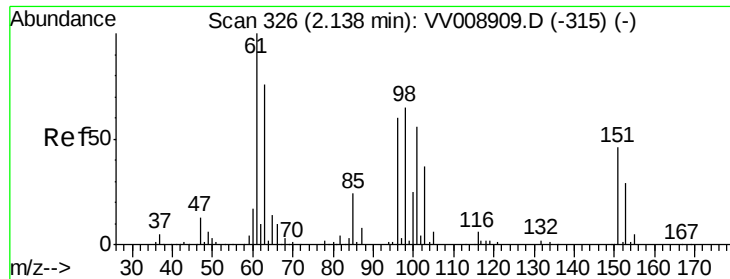


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.665 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008920.D
 Acq: 13 Dec 2018 19:49

Tgt Ion:101 Resp: 933
 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: 3.268 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV008920.D

Acq: 13 Dec 2018 19:49

Instrument :

MSVOA_V

ClientSampled :

COL46

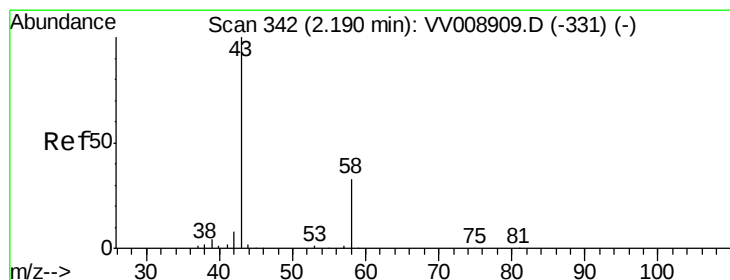
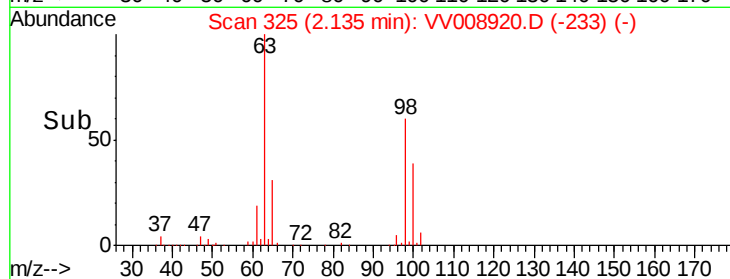
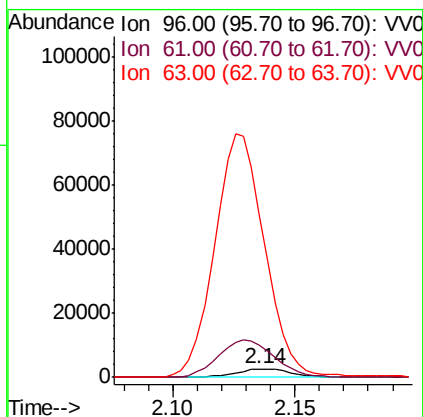
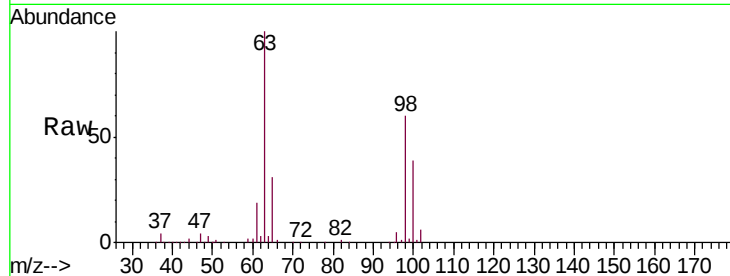
Tgt Ion: 96 Resp: 4169

Ion Ratio Lower Upper

96 100

61 376.1 119.1 221.3#

63 1946.7 96.0 178.2#



#13

Acetone

Concen: 2.970 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV008920.D

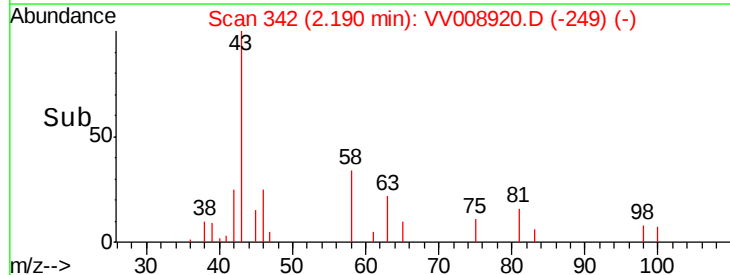
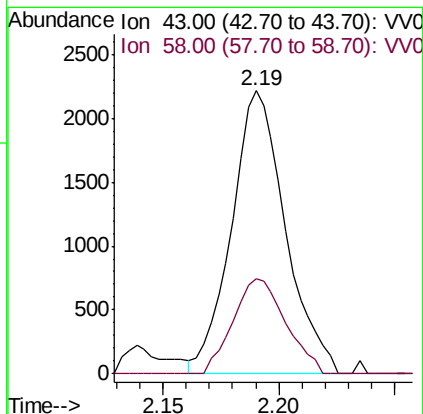
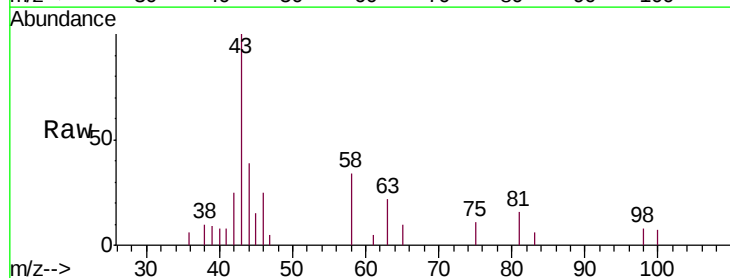
Acq: 13 Dec 2018 19:49

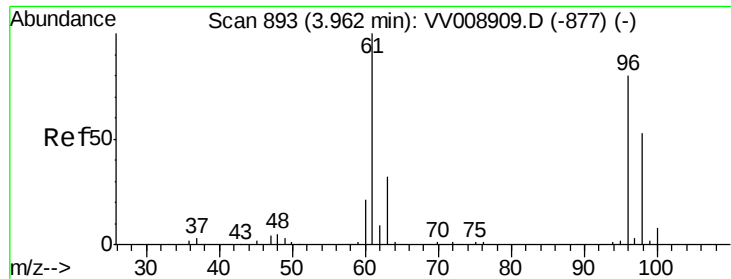
Tgt Ion: 43 Resp: 3578

Ion Ratio Lower Upper

43 100

58 32.8 0.0 61.8

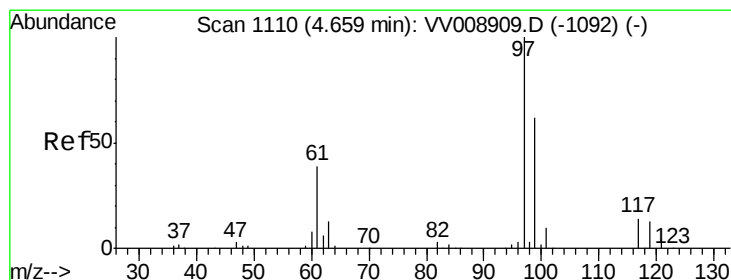
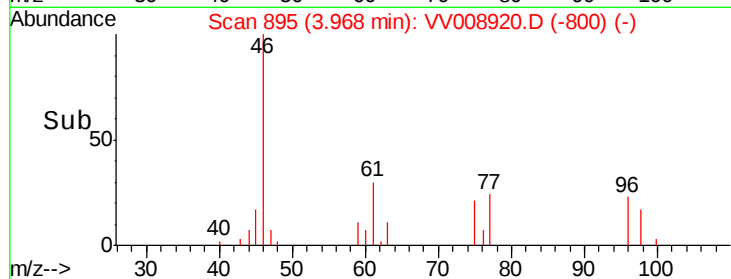
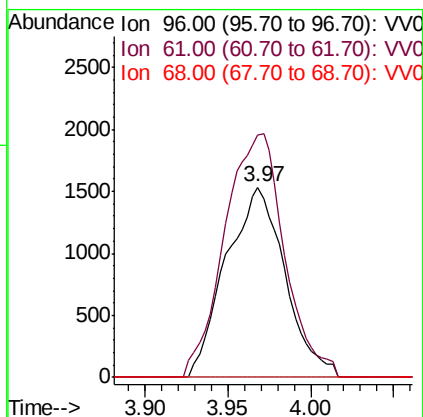
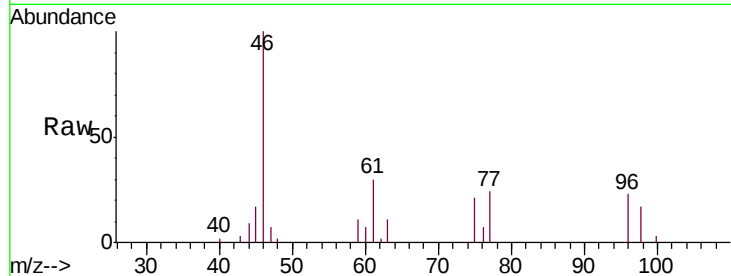




#20
 cis-1,2-Dichloroethene
 Concen: 2.558 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VV008920.D
 Acq: 13 Dec 2018 19:49

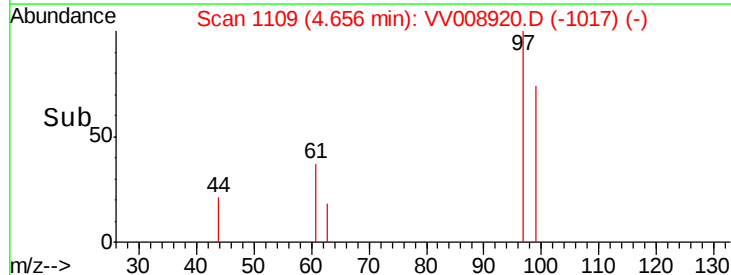
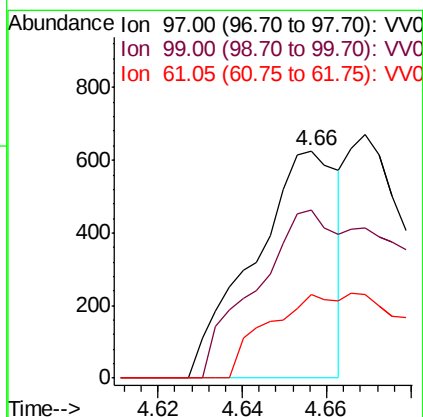
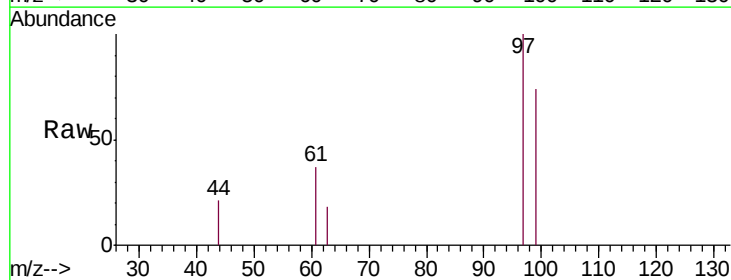
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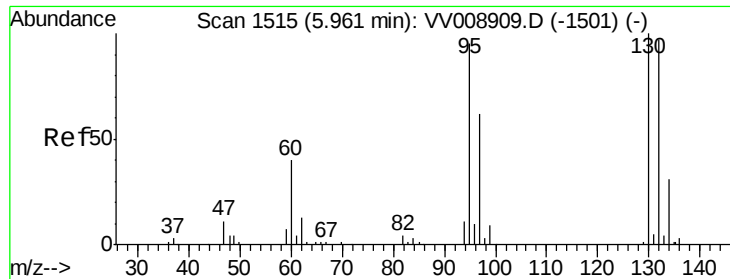
Tgt Ion: 96 Resp: 3789
 Ion Ratio Lower Upper
 96 100
 61 127.4 81.9 152.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 0.371 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: VV008920.D
 Acq: 13 Dec 2018 19:49

Tgt Ion: 97 Resp: 864
 Ion Ratio Lower Upper
 97 100
 99 70.9 51.7 77.5
 61 31.6 32.5 48.7#





#34

Trichloroethene

Concen: 34.197 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008920.D

Acq: 13 Dec 2018 19:49

Instrument :

MSVOA_V

ClientSampleId :

COL46

Tgt Ion: 95 Resp: 51745

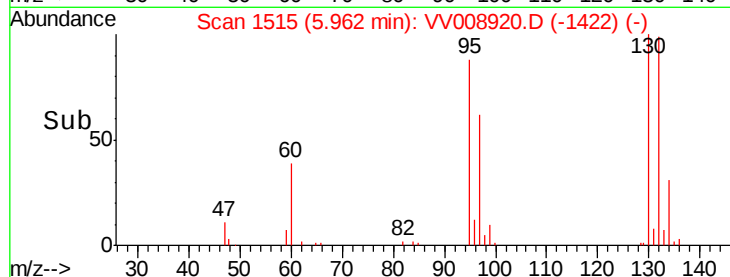
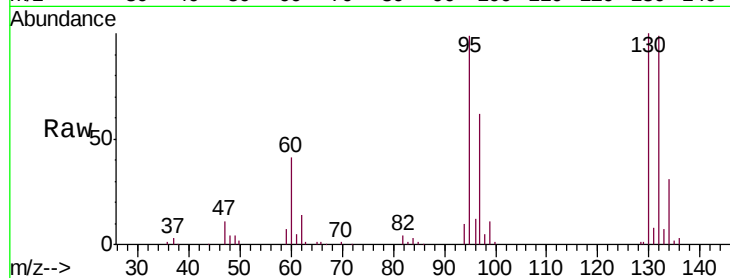
Ion Ratio Lower Upper

95 100

97 63.0 45.7 84.9

132 99.5 72.2 134.2

130 100.9 73.8 137.2



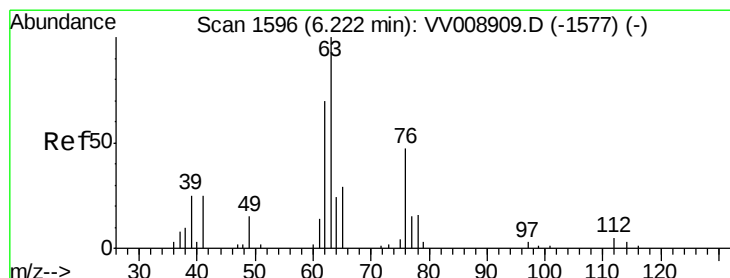
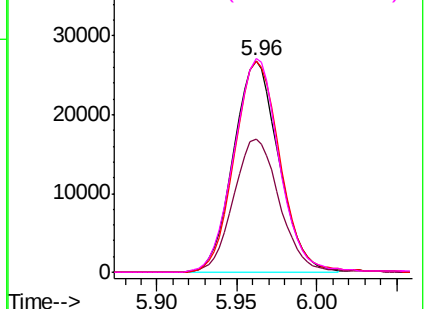
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.235 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.11 min

Lab File: VV008920.D

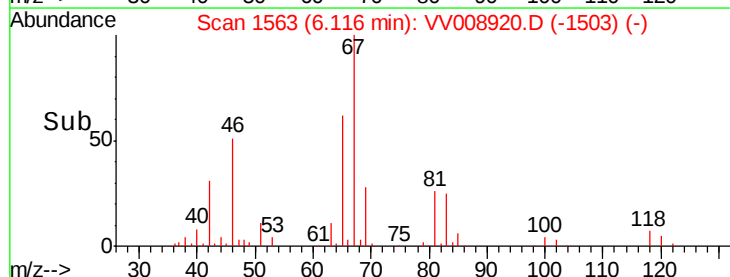
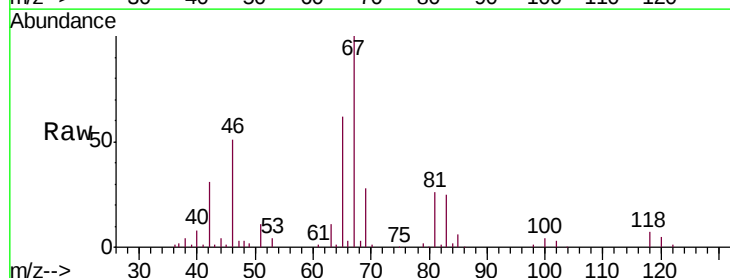
Acq: 13 Dec 2018 19:49

Tgt Ion: 63 Resp: 8449

Ion Ratio Lower Upper

63 100

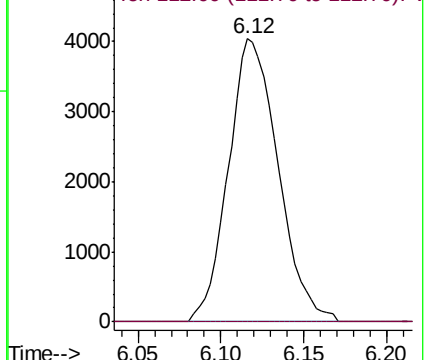
112 0.0 3.8 5.6#

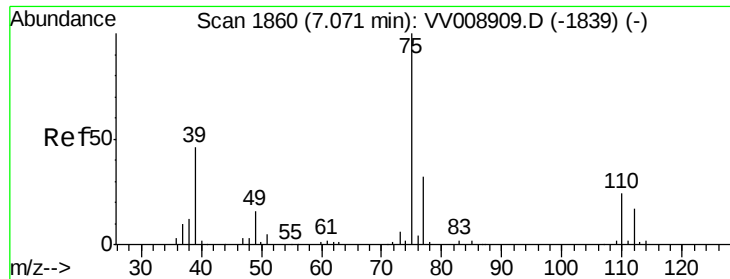


Abundance

Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

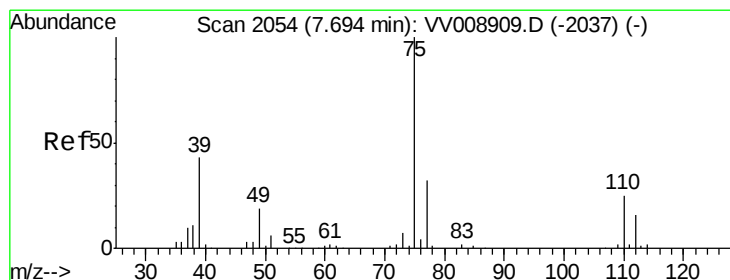
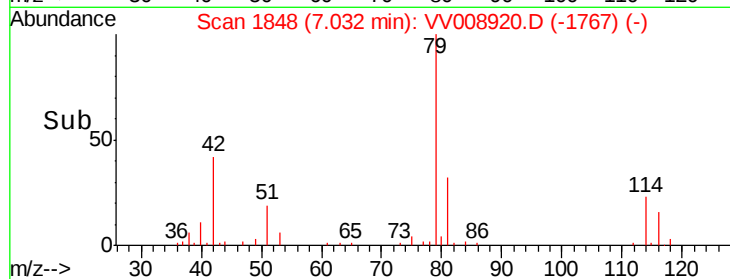
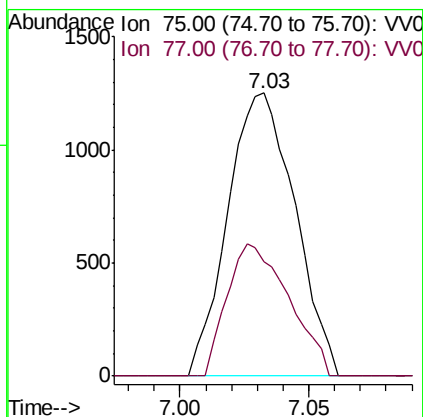
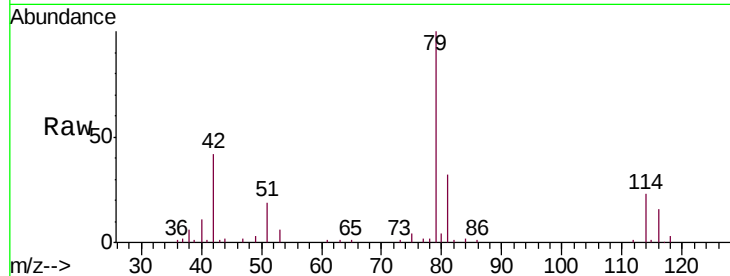




#39
 cis-1,3-Dichloropropene
 Concen: 1.052 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008920.D
 Acq: 13 Dec 2018 19:49

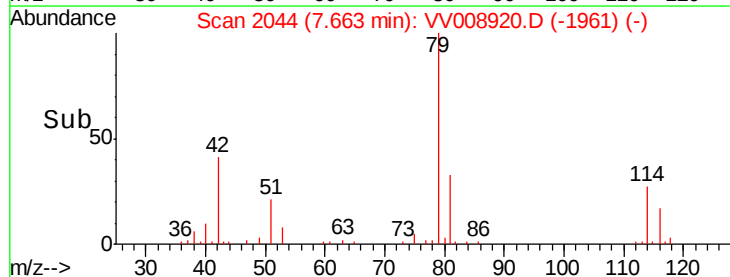
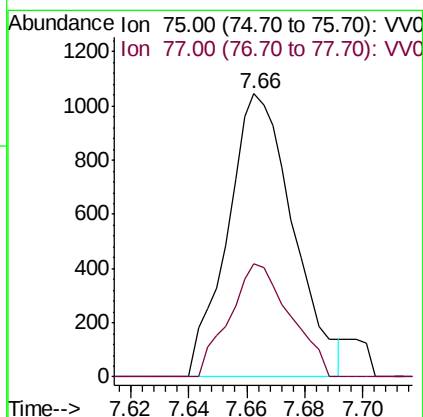
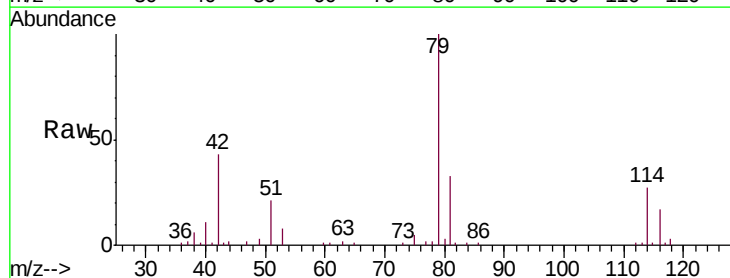
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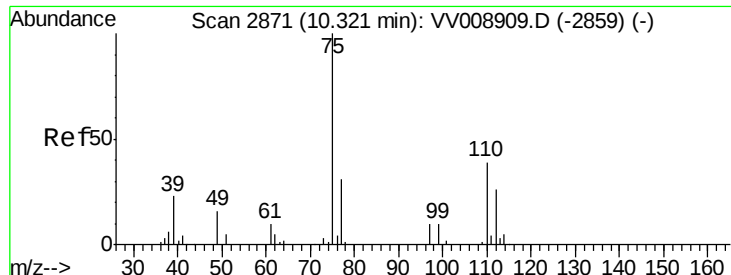
Tgt Ion: 75 Resp: 2273
 Ion Ratio Lower Upper
 75 100
 77 40.4 21.8 40.4



#44
 trans-1,3-Dichloropropene
 Concen: 0.813 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV008920.D
 Acq: 13 Dec 2018 19:49

Tgt Ion: 75 Resp: 1637
 Ion Ratio Lower Upper
 75 100
 77 40.1 21.6 40.2





#59
 1,2,3-Trichloropropane
 Concen: 4.993 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV008920.D
 Acq: 13 Dec 2018 19:49

Instrument :
 MSVOA_V
 ClientSampleId :
 COL46

Tgt Ion: 75 Resp: 8520
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.8 38.8

