

Data File : VV008942.D
Acq On : 14 Dec 2018 20:17
Operator : SY/MD
Sample : J6369-09
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL93

Quant Time: Dec 14 23:46:07 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	213322	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84440	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53316	42.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.60%
7) Chloroethane-d5	1.56	69	40264	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.72%
11) 1,1-Dichloroethene-d2	2.13	63	108614	36.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.84%
21) 2-Butanone-d5	3.93	46	91199	109.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.64%
24) Chloroform-d	4.41	84	124366	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
26) 1,2-Dichloroethane-d4	5.08	65	84427	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
32) Benzene-d6	5.10	84	259008	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
36) 1,2-Dichloropropane-d6	6.12	67	78253	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.54%
41) Toluene-d8	7.36	98	239615	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%
43) trans-1,3-Dichloropropene-	7.67	79	36539	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.80%
47) 2-Hexanone-d5	8.13	63	59687	100.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.51%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95520	46.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	85554	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%

Target Compounds

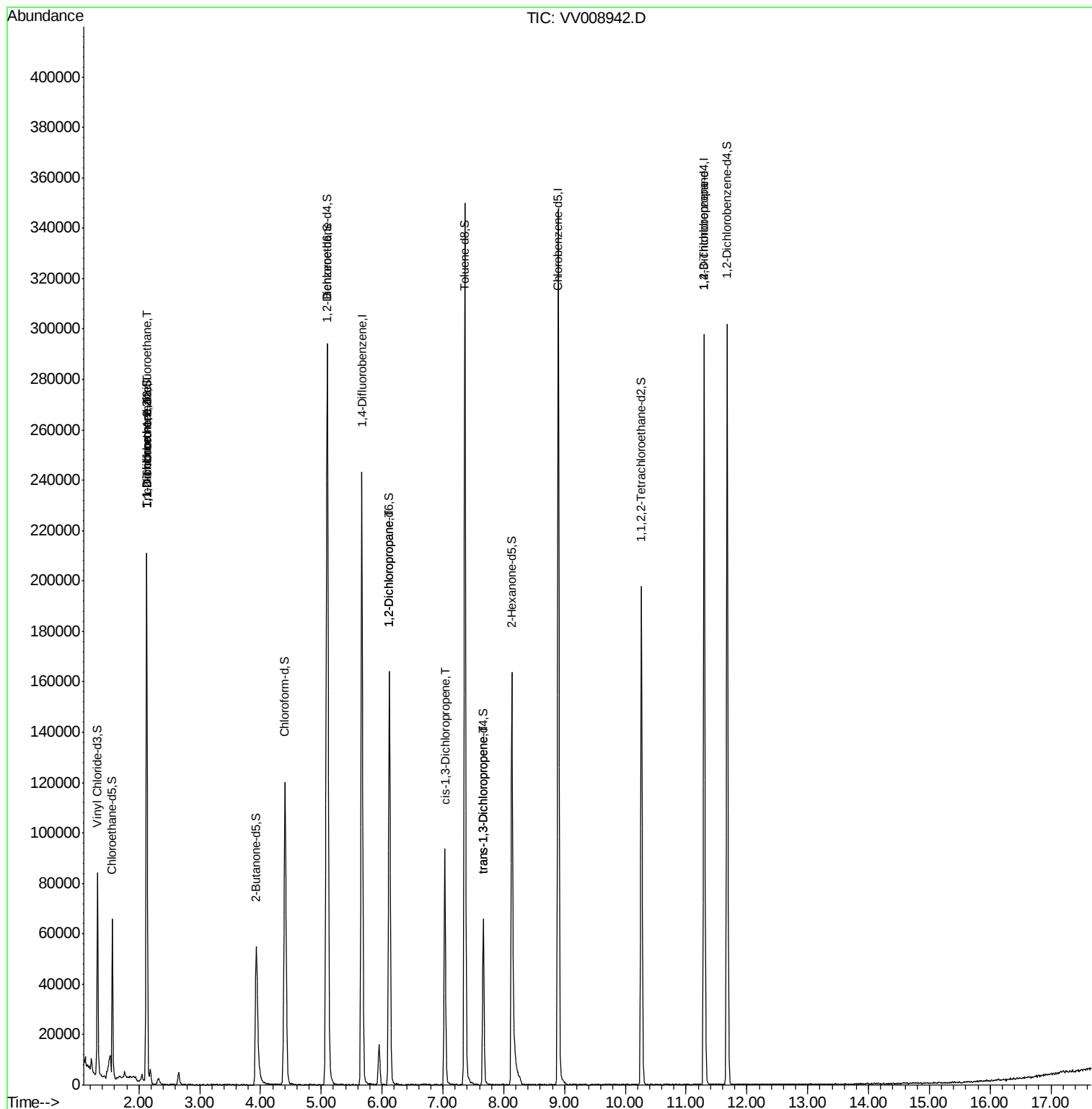
					Qvalue
9) Trichlorofluoromethane	2.13	101	1118	0.470 ug/L #	26
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1137	0.781 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1266	0.956 ug/L #	1
37) 1,2-Dichloropropane	6.12	63	8398	5.947 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2363	1.049 ug/L #	47
44) trans-1,3-Dichloropropene	7.66	75	841	0.401 ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	9198	5.172 ug/L	94

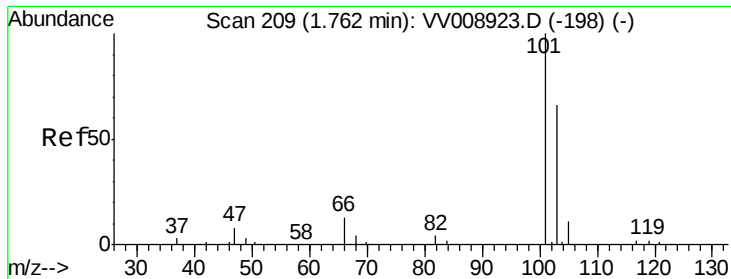
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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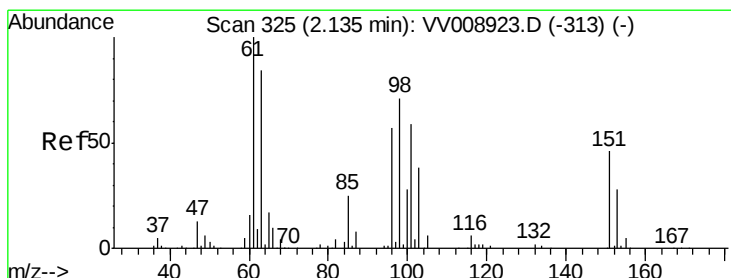
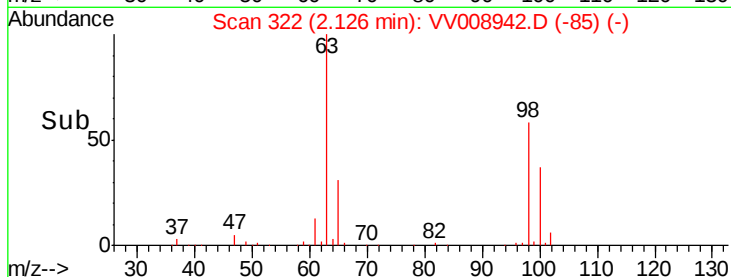
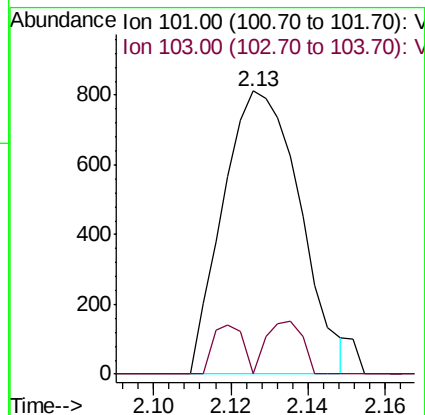
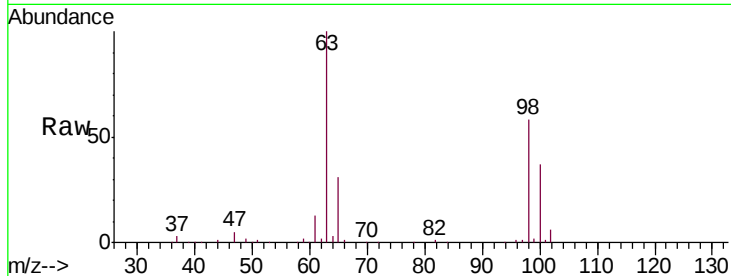


#9

Trichlorofluoromethane
 Concen: 0.470 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV008942.D
 Acq: 14 Dec 2018 20:17

Instrument :
 MSVOA_V
 ClientSampleId :
 COL93

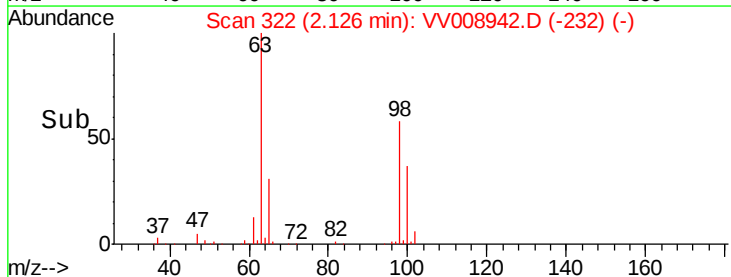
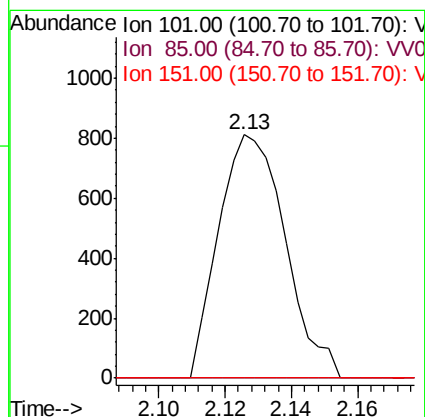
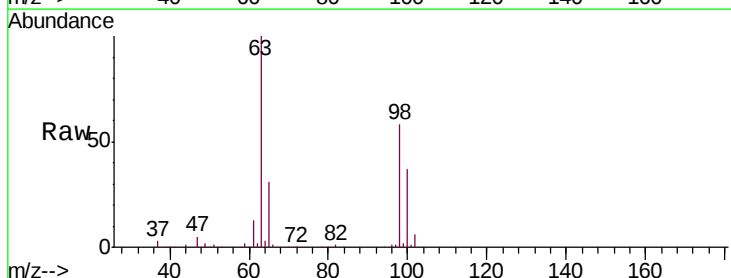
Tgt Ion:101 Resp: 1118
 Ion Ratio Lower Upper
 101 100
 103 6.7 51.5 77.3#

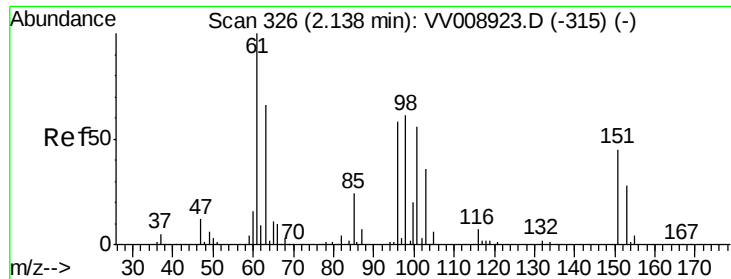


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.781 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008942.D
 Acq: 14 Dec 2018 20:17

Tgt Ion:101 Resp: 1137
 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: 0.956 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008942.D

Acq: 14 Dec 2018 20:17

Instrument :

MSVOA_V

ClientSampleId :

COL93

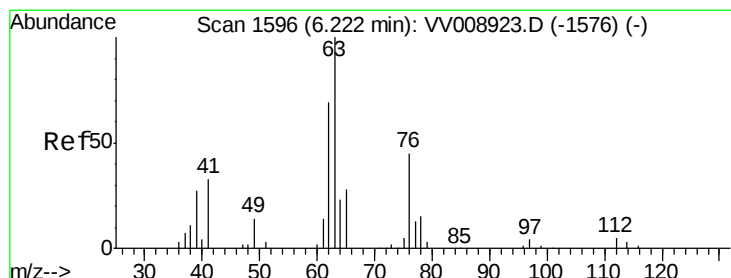
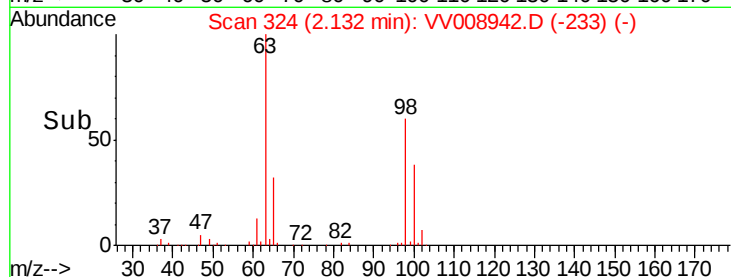
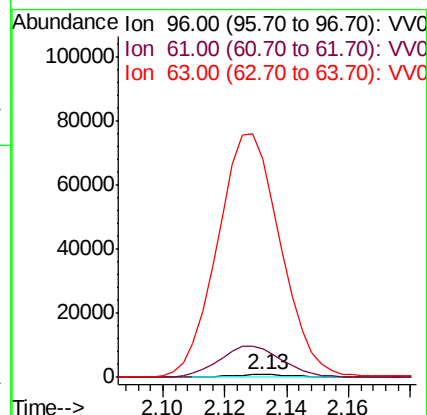
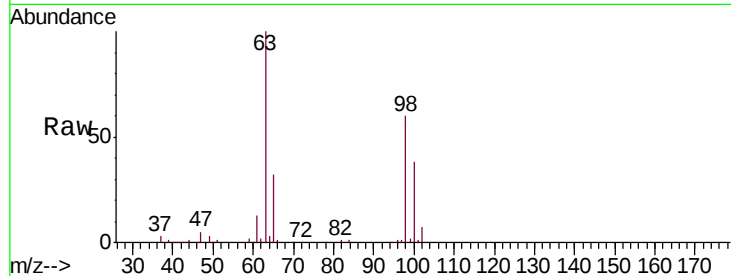
Tgt Ion: 96 Resp: 1266

Ion Ratio Lower Upper

96 100

61 1174.9 119.1 221.3#

63 8891.0 96.0 178.2#



#37

1,2-Dichloropropane

Concen: 5.947 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008942.D

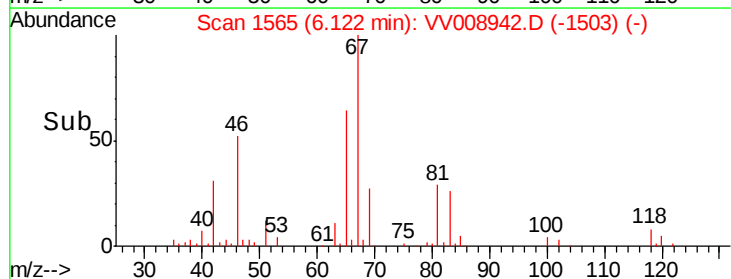
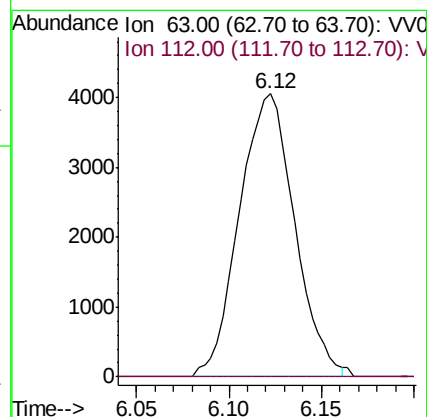
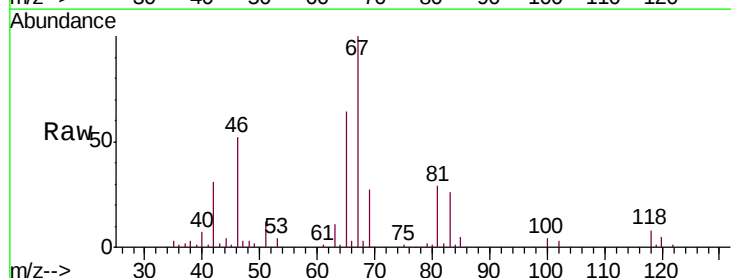
Acq: 14 Dec 2018 20:17

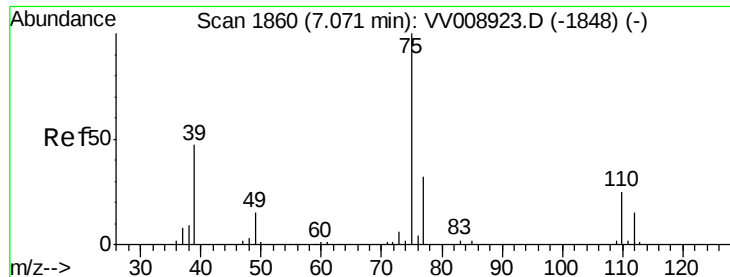
Tgt Ion: 63 Resp: 8398

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

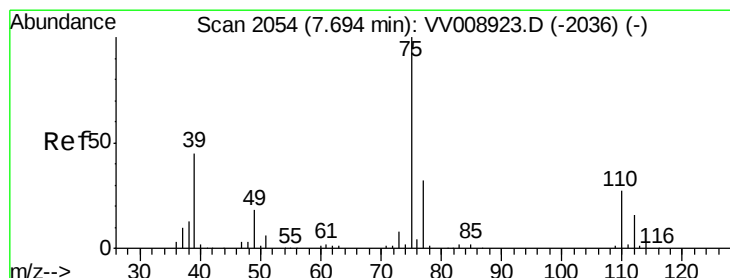
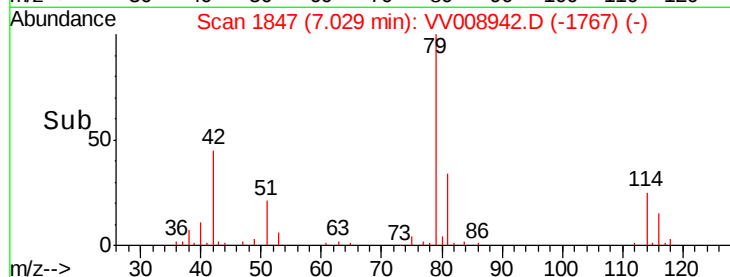
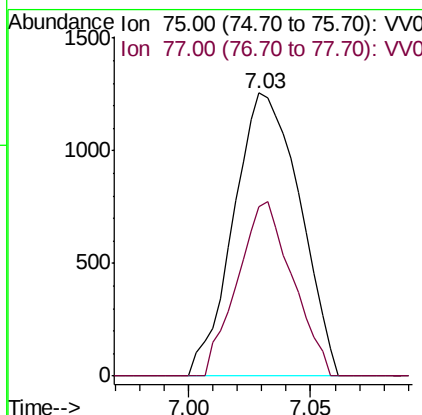
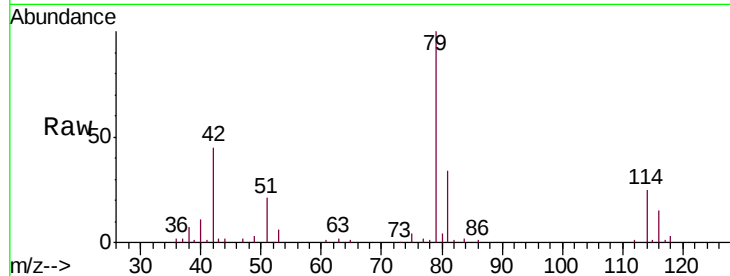




#39
 cis-1,3-Dichloropropene
 Concen: 1.049 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008942.D
 Acq: 14 Dec 2018 20:17

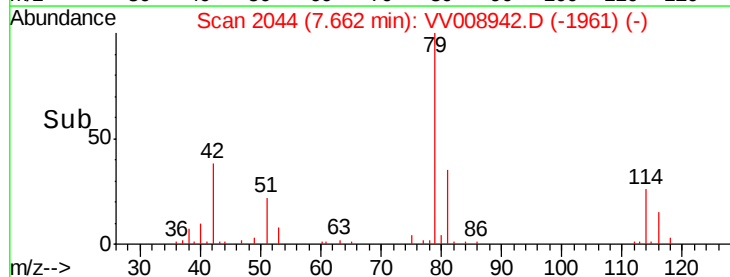
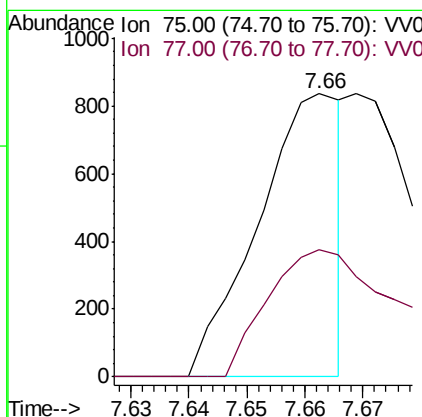
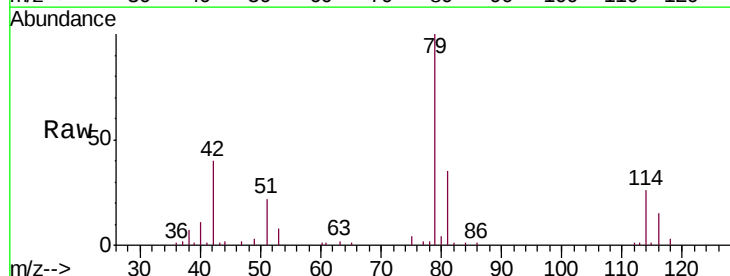
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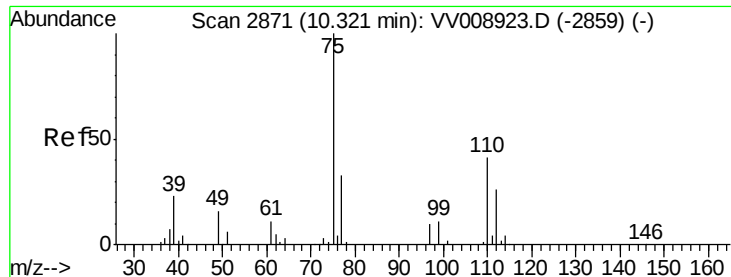
Tgt Ion: 75 Resp: 2363
 Ion Ratio Lower Upper
 75 100
 77 60.1 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.401 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV008942.D
 Acq: 14 Dec 2018 20:17

Tgt Ion: 75 Resp: 841
 Ion Ratio Lower Upper
 75 100
 77 45.1 21.6 40.2#





#59

1,2,3-Trichloropropane

Concen: 5.172 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008942.D

Acq: 14 Dec 2018 20:17

Instrument :

MSVOA_V

ClientSampleId :

COL93

Tgt Ion: 75 Resp: 9198

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.8

