

Data File : VV012325.D
Acq On : 21 Aug 2019 20:21
Operator : SY/MD
Sample : K4464-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEJT9

Quant Time: Aug 22 03:52:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:48:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	230144	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	214544	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	99190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48732	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.44%
7) Chloroethane-d5	1.58	69	36591	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.68%
11) 1,1-Dichloroethene-d2	2.13	63	75930	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.80%
21) 2-Butanone-d5	3.93	46	71433	84.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.11%
24) Chloroform-d	4.40	84	139447	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.06%
26) 1,2-Dichloroethane-d4	5.08	65	102686	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
32) Benzene-d6	5.10	84	265371	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
36) 1,2-Dichloropropane-d6	6.12	67	71843	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.86%
41) Toluene-d8	7.36	98	260435	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%
43) trans-1,3-Dichloropropene-	7.66	79	42565	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.34%
47) 2-Hexanone-d5	8.13	63	55597	87.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.07%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102675	46.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	108262	49.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.30%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.13	101	871	0.390	ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	871	0.860	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	681	0.736	ug/L #	1
13) Acetone	2.19	43	2861	4.489	ug/L	96
33) Benzene	5.09	78	2228	0.412	ug/L	100
37) 1,2-Dichloropropane	6.12	63	9901	8.076	ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2805	1.233	ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	2082	0.960	ug/L	99
59) 1,2,3-Trichloropropane	11.29	75	8202	4.695	ug/L #	81

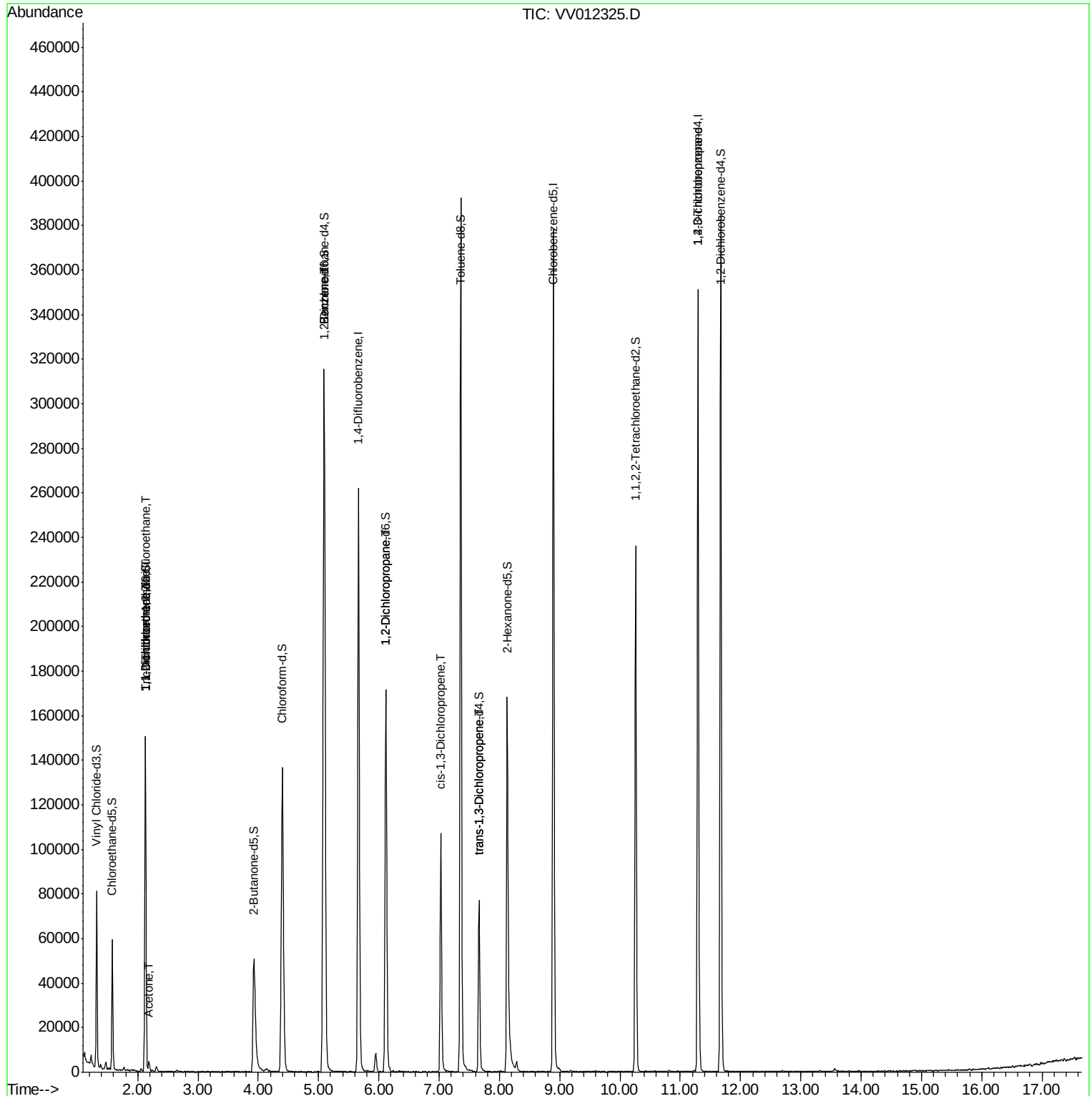
(#) = qualifier out of range (m) = manual integration (+) = signals summed

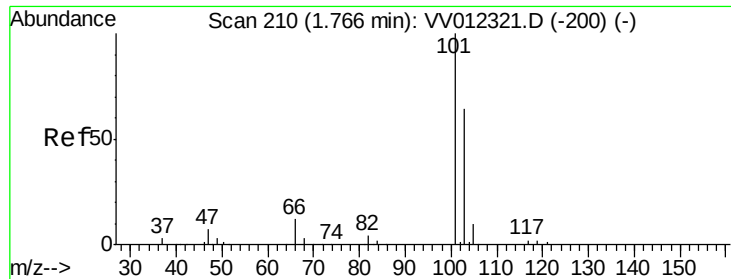
Data File : VV012325.D

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.390 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.36 min

Lab File: VV012325.D

Acq: 21 Aug 2019 20:21

Instrument :

MSVOA_V

ClientSampleId :

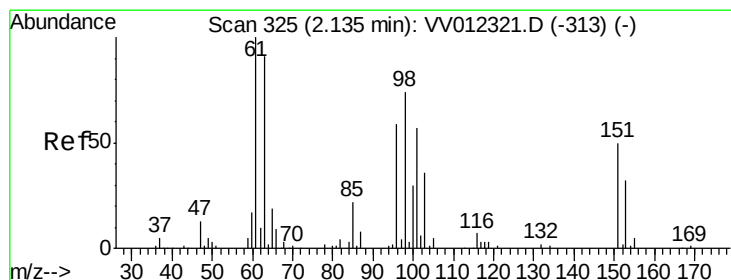
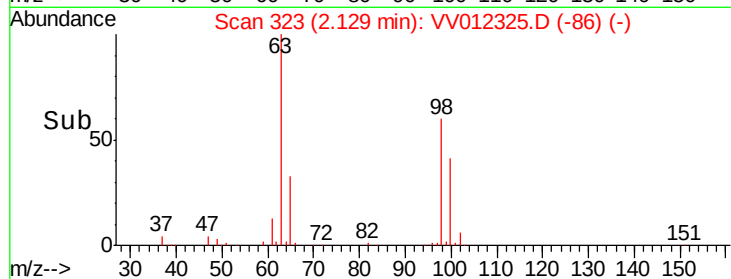
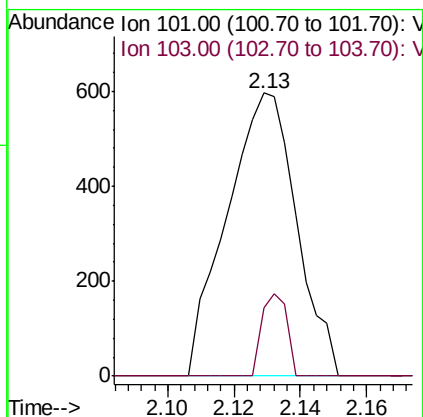
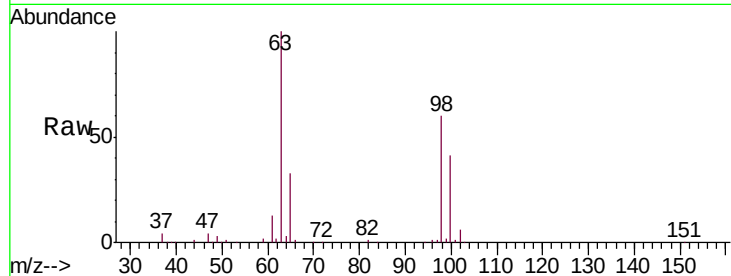
BEJT9

Tgt Ion:101 Resp: 871

Ion Ratio Lower Upper

101 100

103 10.4 53.2 79.8#



#10

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

Concen: 0.860 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012325.D

Acq: 21 Aug 2019 20:21

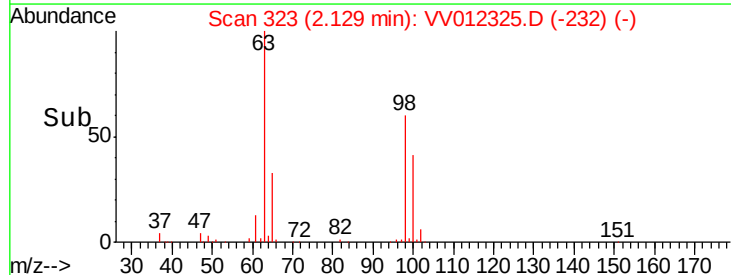
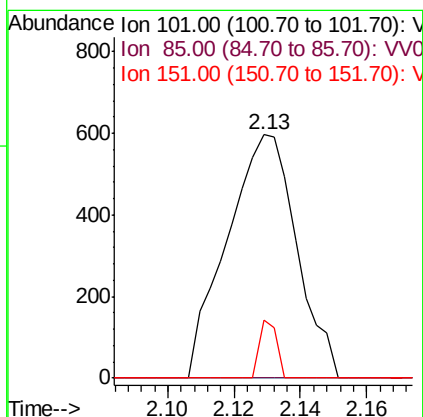
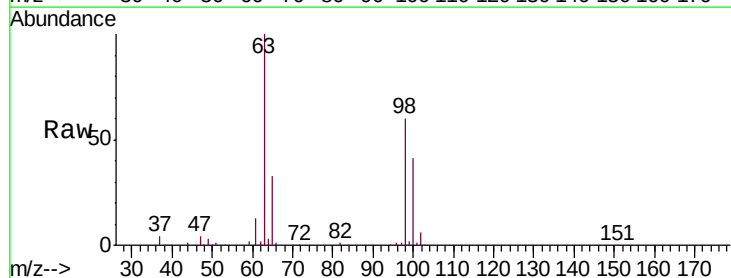
Tgt Ion:101 Resp: 871

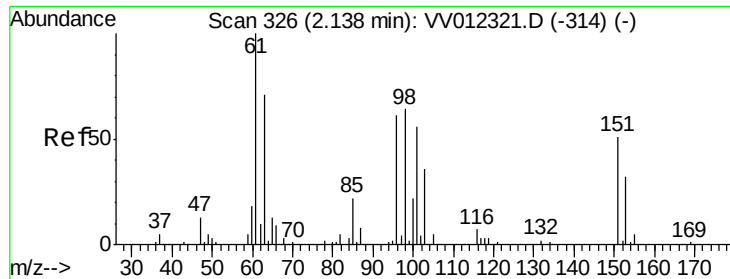
Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

151 5.9 73.0 109.6#





#12

1,1-Dichloroethene

Concen: 0.736 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012325.D

Acq: 21 Aug 2019 20:21

Instrument :

MSVOA_V

ClientSampled :

BEJT9

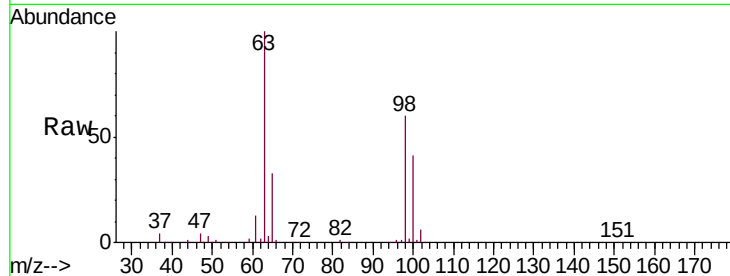
Tgt Ion: 96 Resp: 681

Ion Ratio Lower Upper

96 100

61 1300.5 122.6 227.8#

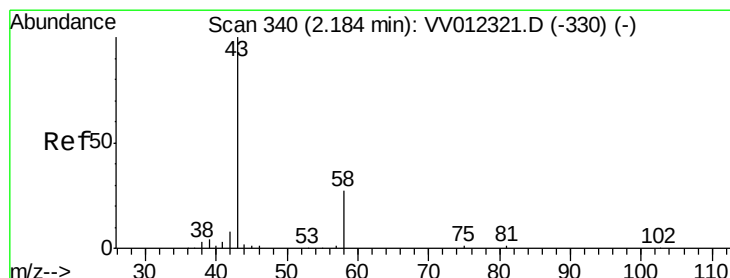
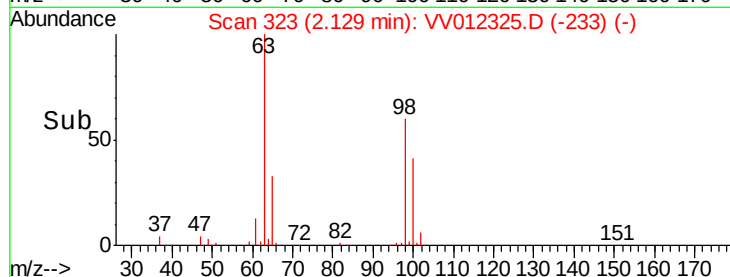
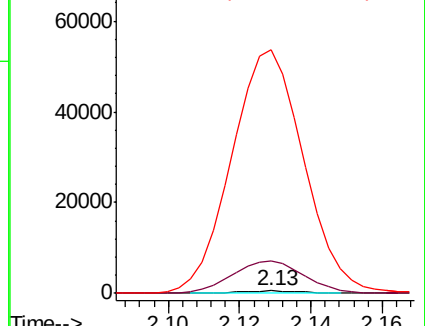
63 9792.7 98.6 183.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 4.489 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV012325.D

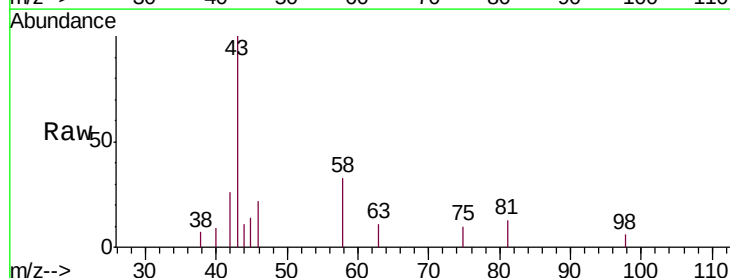
Acq: 21 Aug 2019 20:21

Tgt Ion: 43 Resp: 2861

Ion Ratio Lower Upper

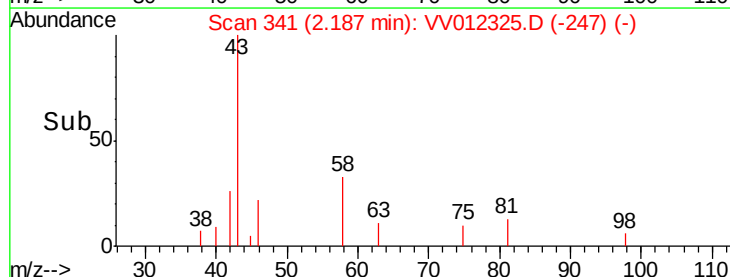
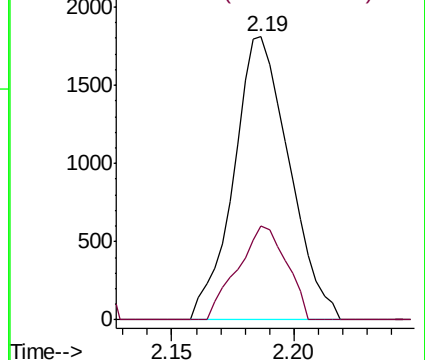
43 100

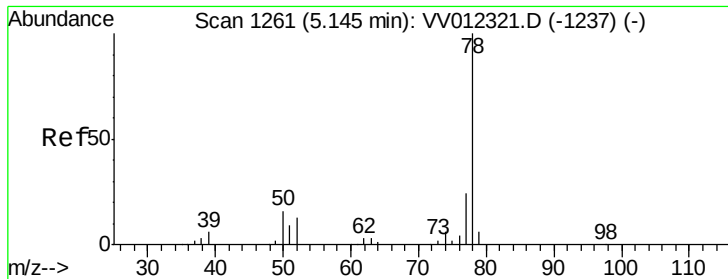
58 29.2 0.0 54.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#33

Benzene

Concen: 0.412 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VV012325.D

Acq: 21 Aug 2019 20:21

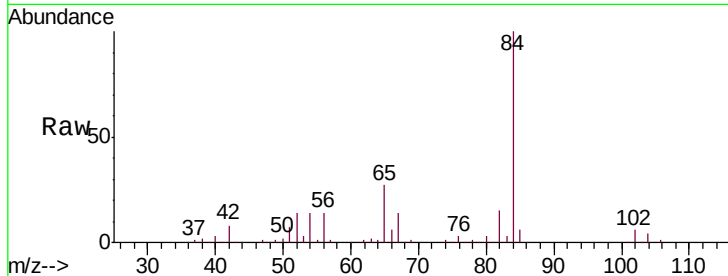
Instrument :

MSVOA_V

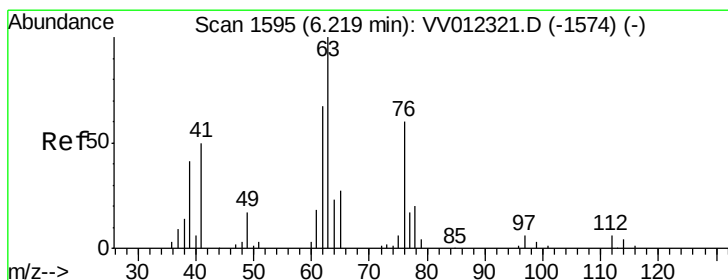
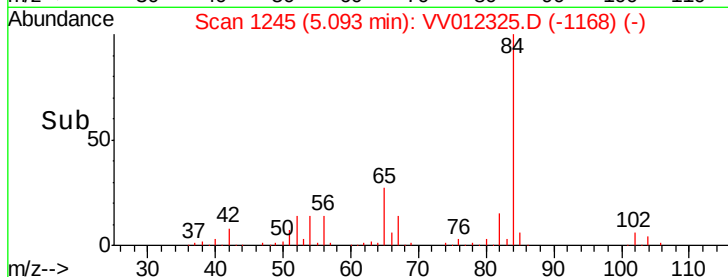
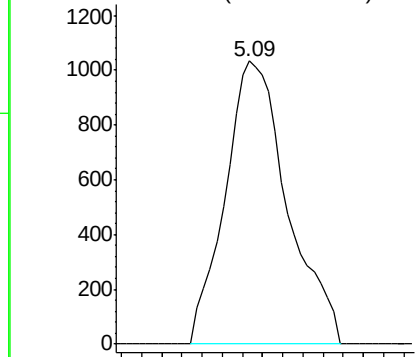
ClientSampled :

BEJT9

Tgt Ion: 78 Resp: 2228



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 8.076 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV012325.D

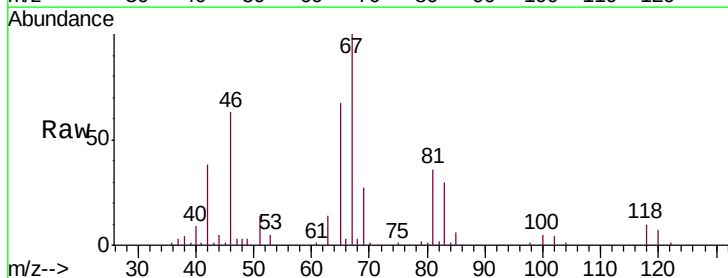
Acq: 21 Aug 2019 20:21

Tgt Ion: 63 Resp: 9901

Ion Ratio Lower Upper

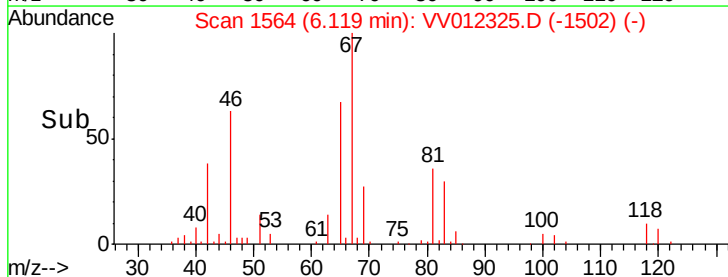
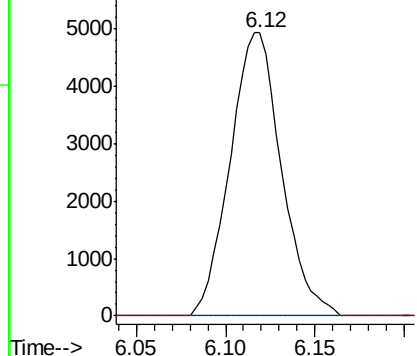
63 100

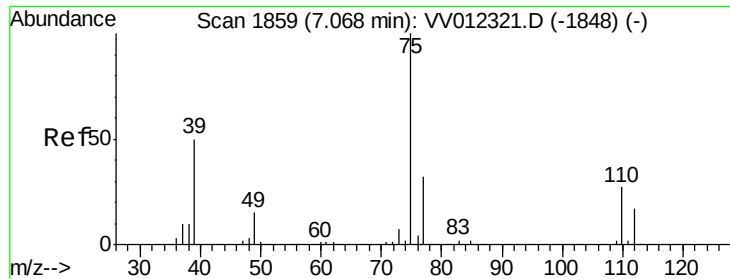
112 0.0 4.7 7.1#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

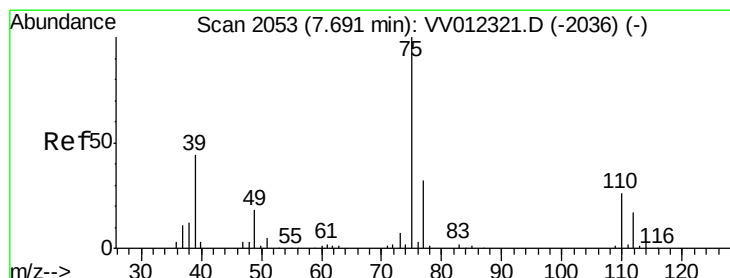
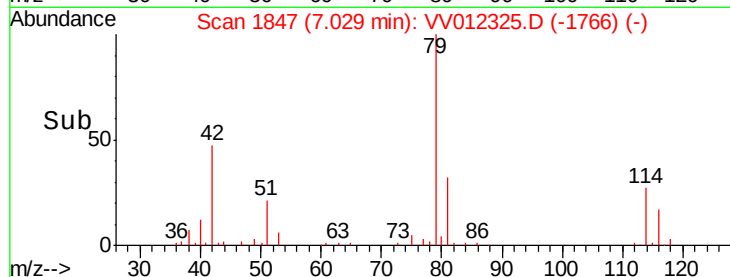
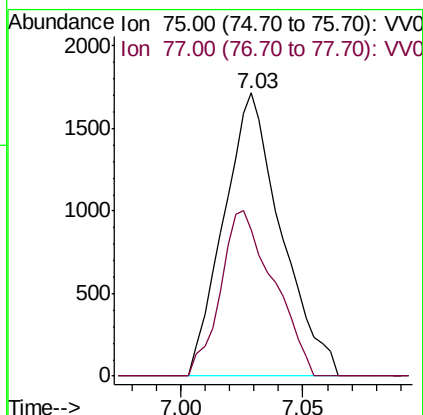
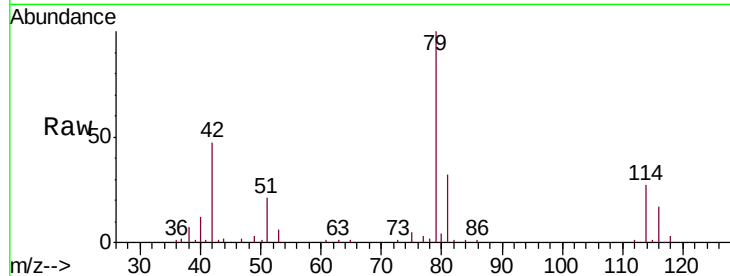




#39
 cis-1,3-Dichloropropene
 Concen: 1.233 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012325.D
 Acq: 21 Aug 2019 20:21

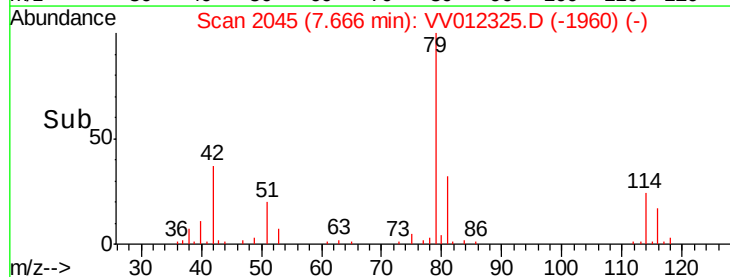
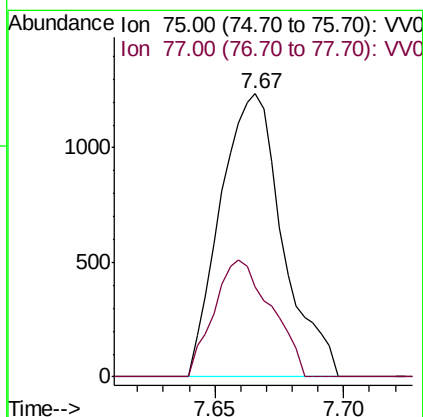
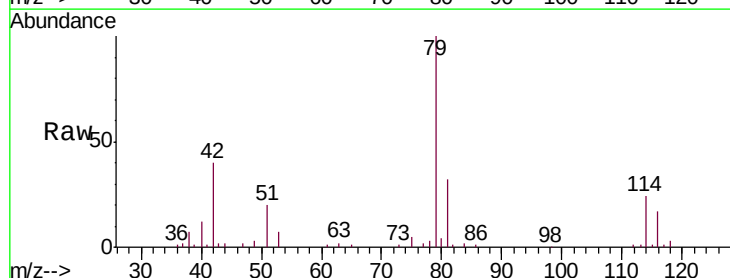
Instrument :
 MSVOA_V
 ClientSampleId :
 BEJT9

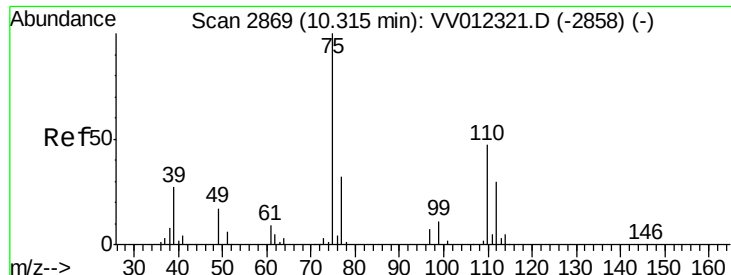
Tgt Ion: 75 Resp: 2805
 Ion Ratio Lower Upper
 75 100
 77 51.7 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.960 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012325.D
 Acq: 21 Aug 2019 20:21

Tgt Ion: 75 Resp: 2082
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.7 40.3





#59
 1,2,3-Trichloropropane
 Concen: 4.695 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012325.D
 Acq: 21 Aug 2019 20:21

Instrument :
 MSVOA_V
 ClientSampleId :
 BEJT9

Tgt Ion: 75 Resp: 8202
 Ion Ratio Lower Upper
 75 100
 77 44.2 26.8 40.2#

