

Data File : VV012329.D
Acq On : 21 Aug 2019 21:58
Operator : SY/MD
Sample : K4464-08
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEJW3

Quant Time: Aug 22 03:52:52 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	221038	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	205790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	93427	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47492	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.76%
7) Chloroethane-d5	1.58	69	36492	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.28%
11) 1,1-Dichloroethene-d2	2.13	63	75348	36.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.14%
21) 2-Butanone-d5	3.93	46	68350	83.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.79%
24) Chloroform-d	4.40	84	135963	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
26) 1,2-Dichloroethane-d4	5.08	65	101902	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
32) Benzene-d6	5.10	84	263331	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
36) 1,2-Dichloropropane-d6	6.12	67	72510	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.72%
41) Toluene-d8	7.36	98	254689	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%
43) trans-1,3-Dichloropropene-	7.66	79	42059	46.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.04%
47) 2-Hexanone-d5	8.13	63	55432	90.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101114	47.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	106052	51.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.26%

Target Compounds

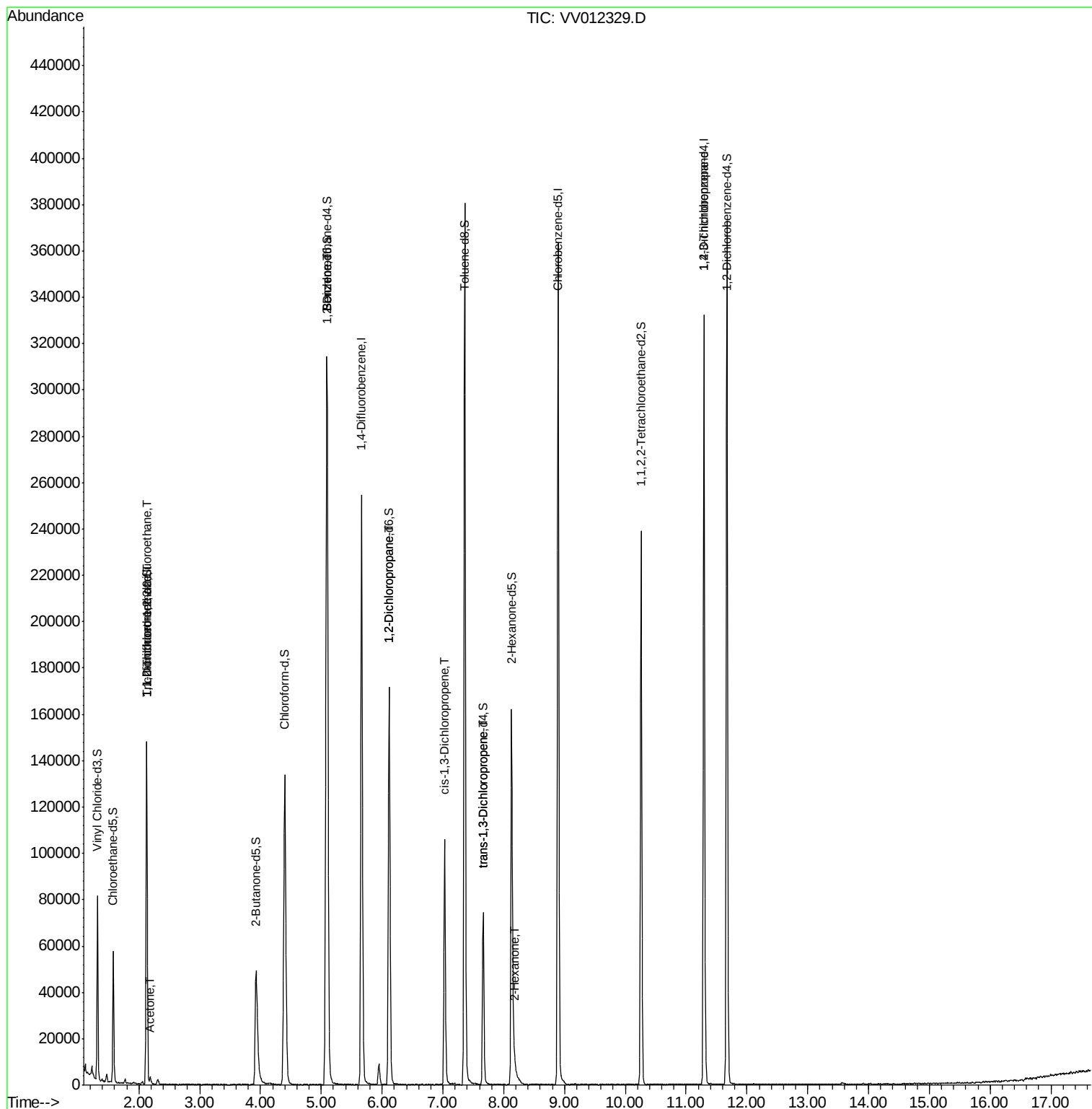
					Qvalue
9) Trichlorofluoromethane	2.13	101	826	0.385 ug/L #	28
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	826	0.849 ug/L #	13
13) Acetone	2.19	43	1257	2.053 ug/L	81
33) Benzene	5.09	78	2150	0.414 ug/L	100
37) 1,2-Dichloropropane	6.12	63	9587	8.153 ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2773	1.270 ug/L #	68
44) trans-1,3-Dichloropropene	7.66	75	2005	0.964 ug/L	89
48) 2-Hexanone	8.18	43	2375	1.990 ug/L #	80
59) 1,2,3-Trichloropropane	11.29	75	8368	4.994 ug/L #	88

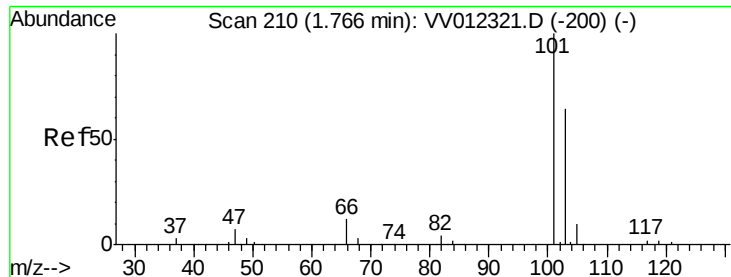
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:48:59 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.385 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.36 min

Lab File: VV012329.D

Acq: 21 Aug 2019 21:58

Instrument :

MSVOA_V

ClientSampleId :

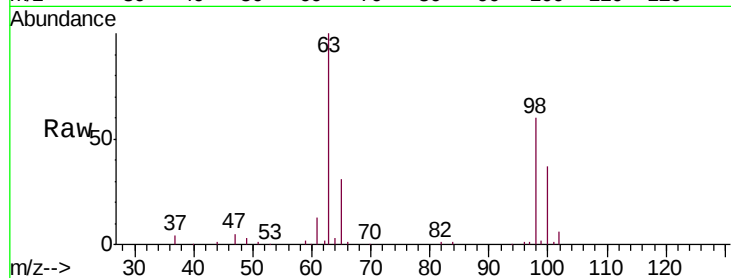
BEJW3

Tgt Ion:101 Resp: 826

Ion Ratio Lower Upper

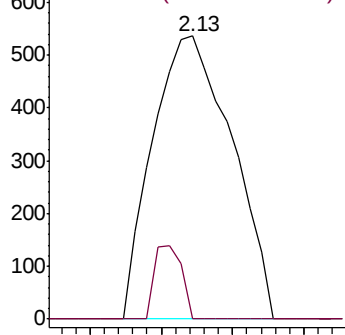
101 100

103 8.8 53.2 79.8#

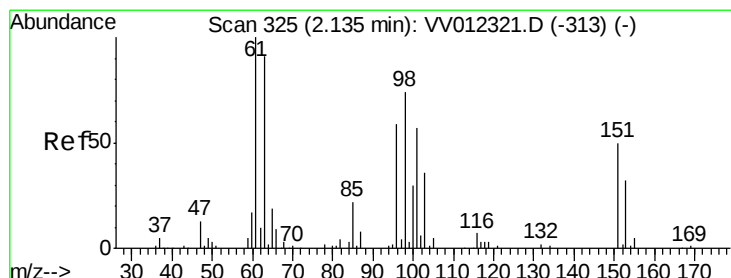
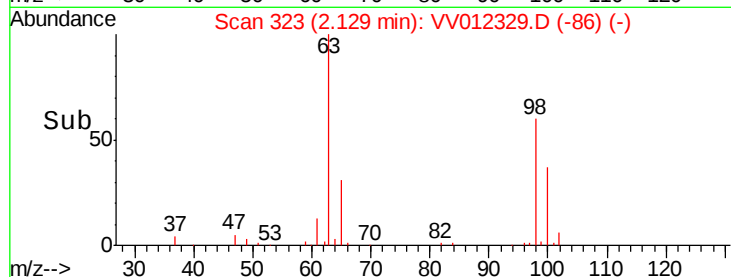


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

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

Concen: 0.849 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012329.D

Acq: 21 Aug 2019 21:58

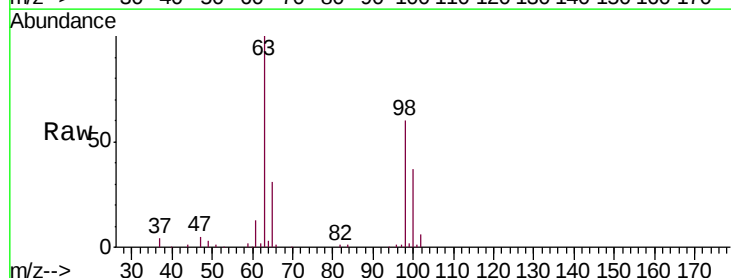
Tgt Ion:101 Resp: 826

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

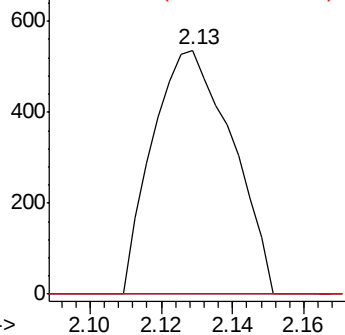
151 0.0 73.0 109.6#



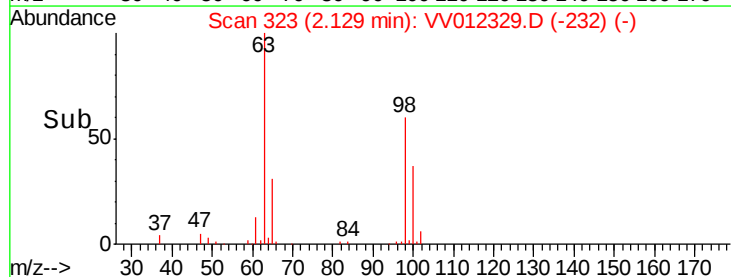
Abundance Ion 101.00 (100.70 to 101.70): V

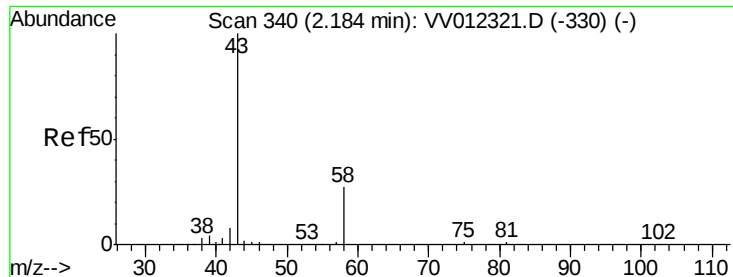
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->





#13

Acetone

Concen: 2.053 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

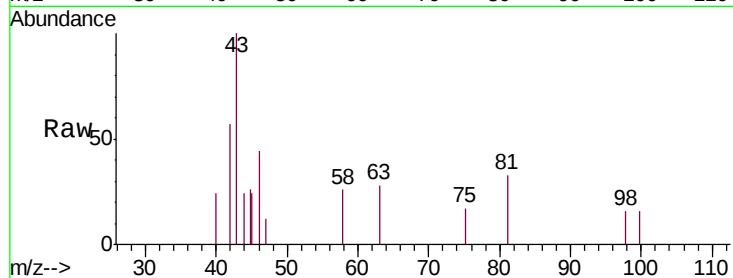
BEJW3

Tgt Ion: 43 Resp: 1257

Ion Ratio Lower Upper

43 100

58 17.3 0.0 54.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

800

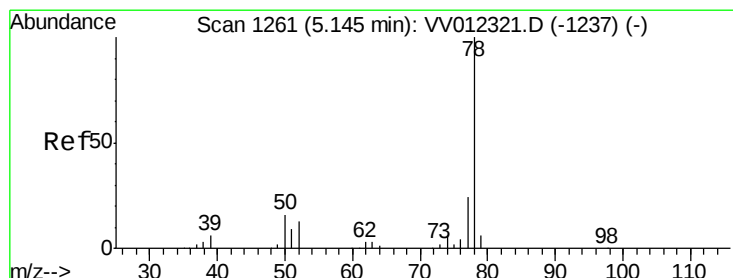
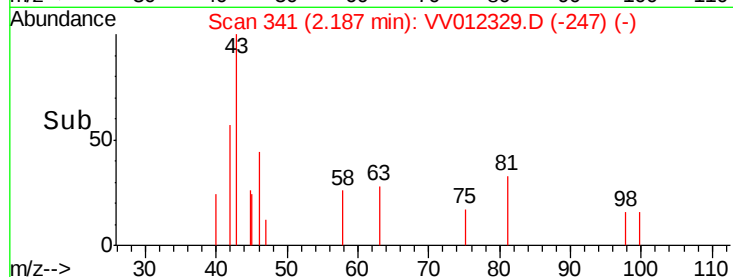
600

400

200

0

Time-->



#33

Benzene

Concen: 0.414 ug/L

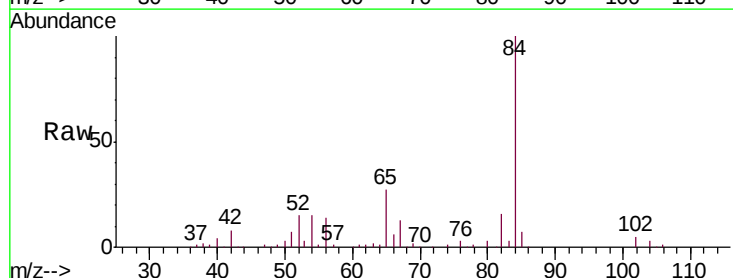
RT: 5.09 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VV012329.D

Acq: 21 Aug 2019 21:58

Tgt Ion: 78 Resp: 2150



Abundance Ion 78.00 (77.70 to 78.70): VV0

1200

1000

800

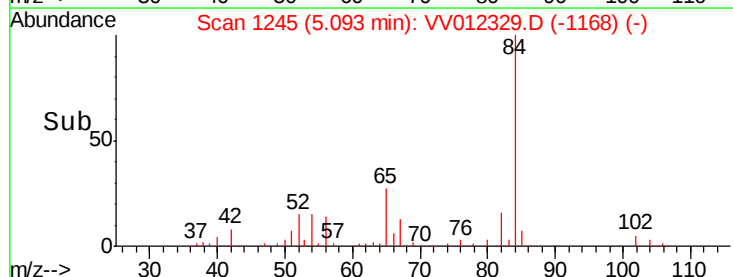
600

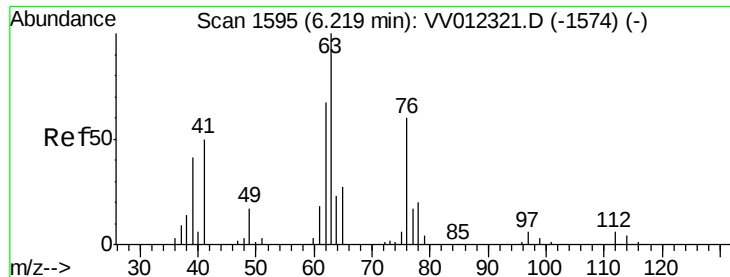
400

200

0

Time-->

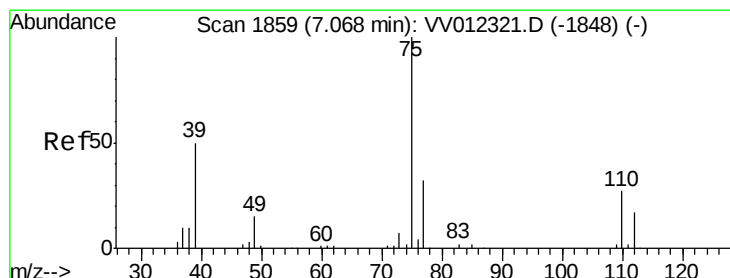
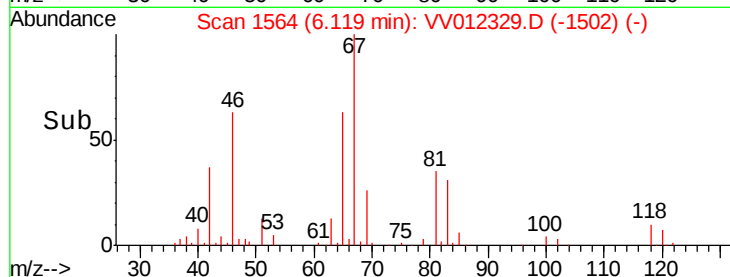
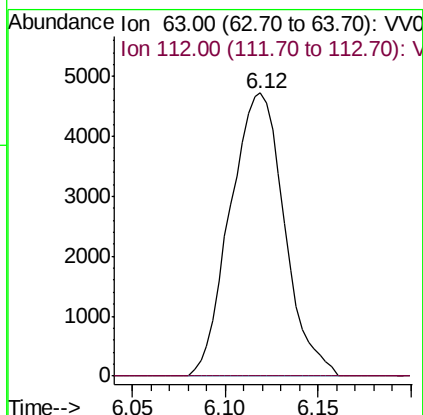
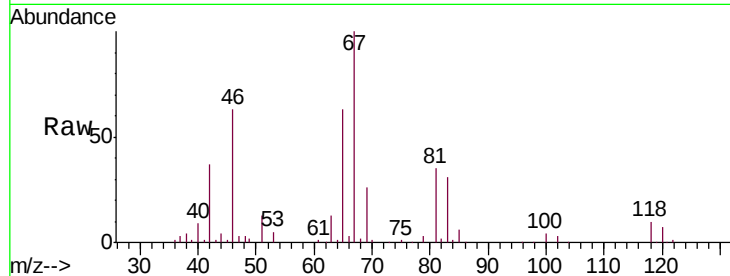




#37
 1,2-Dichloropropane
 Concen: 8.153 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012329.D
 Acq: 21 Aug 2019 21:58

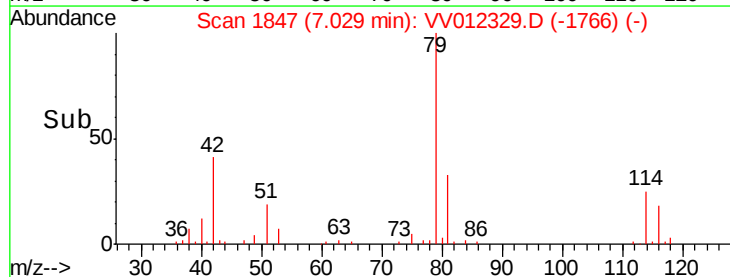
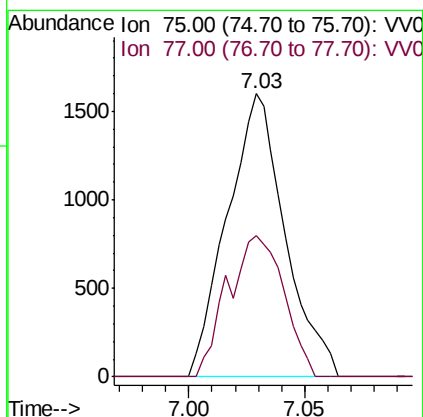
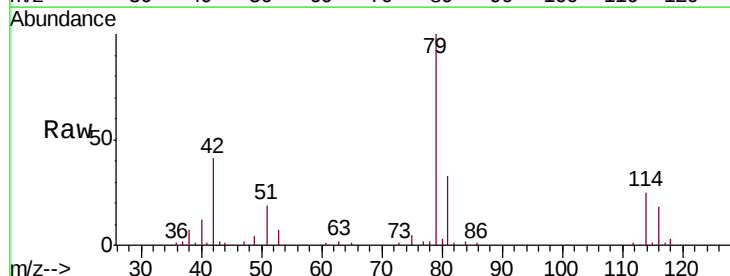
Instrument :
 MSVOA_V
 ClientSampleID :
 BEJW3

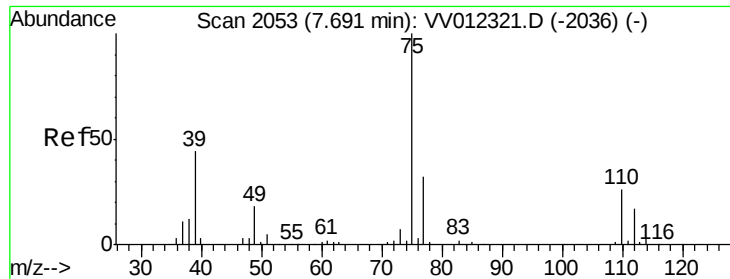
Tgt Ion: 63 Resp: 9587
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.7 7.1#



#39
 cis-1,3-Dichloropropene
 Concen: 1.270 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012329.D
 Acq: 21 Aug 2019 21:58

Tgt Ion: 75 Resp: 2773
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.5 41.7#

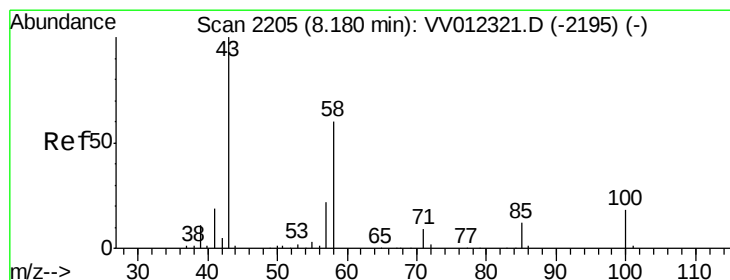
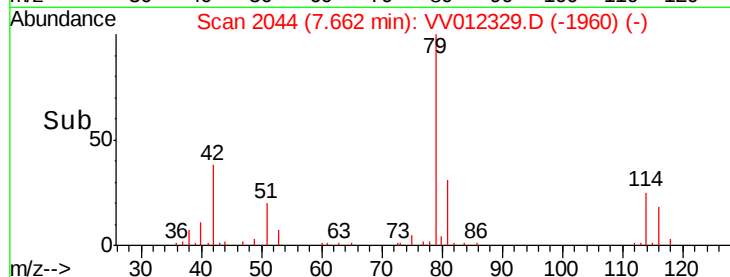
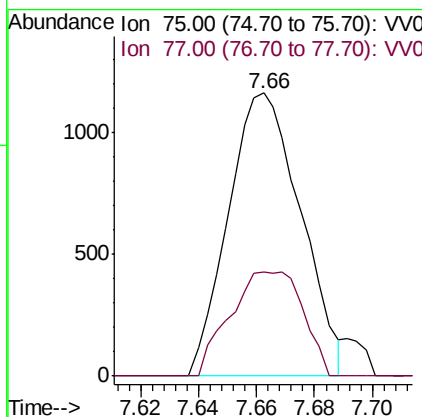
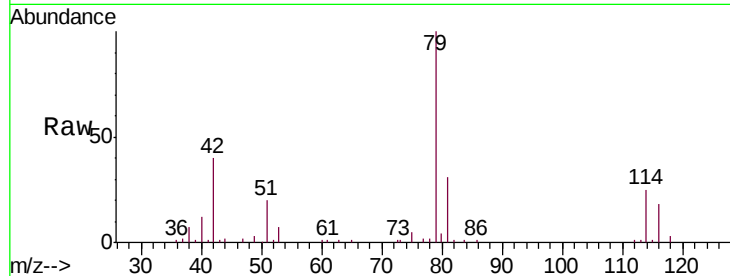




#44
trans-1,3-Dichloropropene
Concen: 0.964 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012329.D
Acq: 21 Aug 2019 21:58

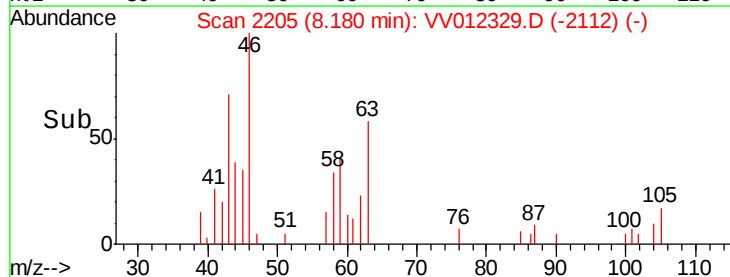
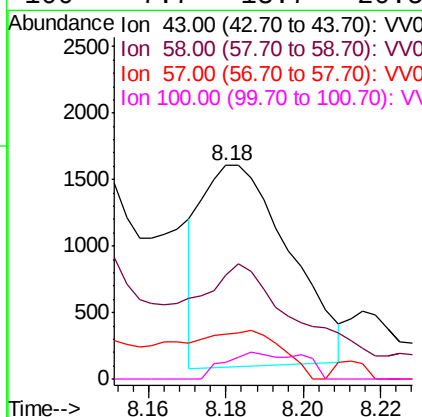
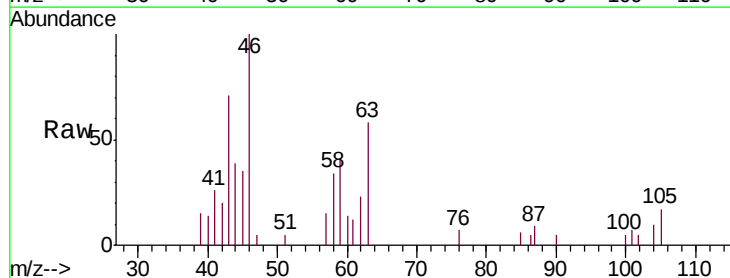
Instrument :
MSVOA_V
ClientSampled :
BEJW3

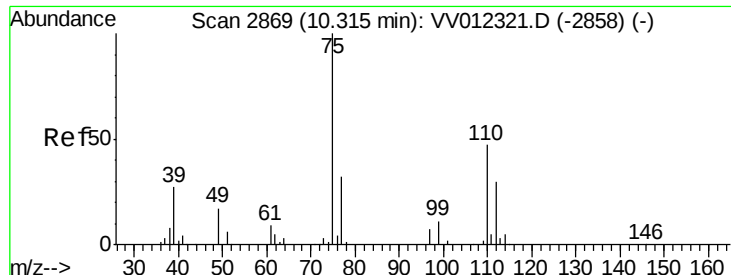
Tgt Ion: 75 Resp: 2005
Ion Ratio Lower Upper
75 100
77 37.0 21.7 40.3



#48
2-Hexanone
Concen: 1.990 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV012329.D
Acq: 21 Aug 2019 21:58

Tgt Ion: 43 Resp: 2375
Ion Ratio Lower Upper
43 100
58 37.9 45.7 68.5#
57 20.9 16.8 25.2
100 7.7 13.7 20.5#





#59

1,2,3-Trichloropropane

Concen: 4.994 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012329.D

Acq: 21 Aug 2019 21:58

Instrument :

MSVOA_V

ClientSampleId :

BEJW3

Tgt Ion: 75 Resp: 8368

Ion Ratio Lower Upper

75 100

77 40.4 26.8 40.2#

