

Data File : VV012328.D
Acq On : 21 Aug 2019 21:34
Operator : SY/MD
Sample : K4464-05
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEJW2

Quant Time: Aug 22 03:52:43 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	213398	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	196515	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91409	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48585	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.18%
7) Chloroethane-d5	1.58	69	36168	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.86%
11) 1,1-Dichloroethene-d2	2.13	63	75268	37.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.68%
21) 2-Butanone-d5	3.93	46	66562	84.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.52%
24) Chloroform-d	4.40	84	139592	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
26) 1,2-Dichloroethane-d4	5.08	65	104436	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.48%
32) Benzene-d6	5.10	84	270834	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
36) 1,2-Dichloropropane-d6	6.12	67	72475	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.28%
41) Toluene-d8	7.36	98	257953	50.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.02%
43) trans-1,3-Dichloropropene-	7.66	79	42396	48.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.14%
47) 2-Hexanone-d5	8.13	63	53755	91.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.91%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	100600	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	108827	54.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.32%

Target Compounds

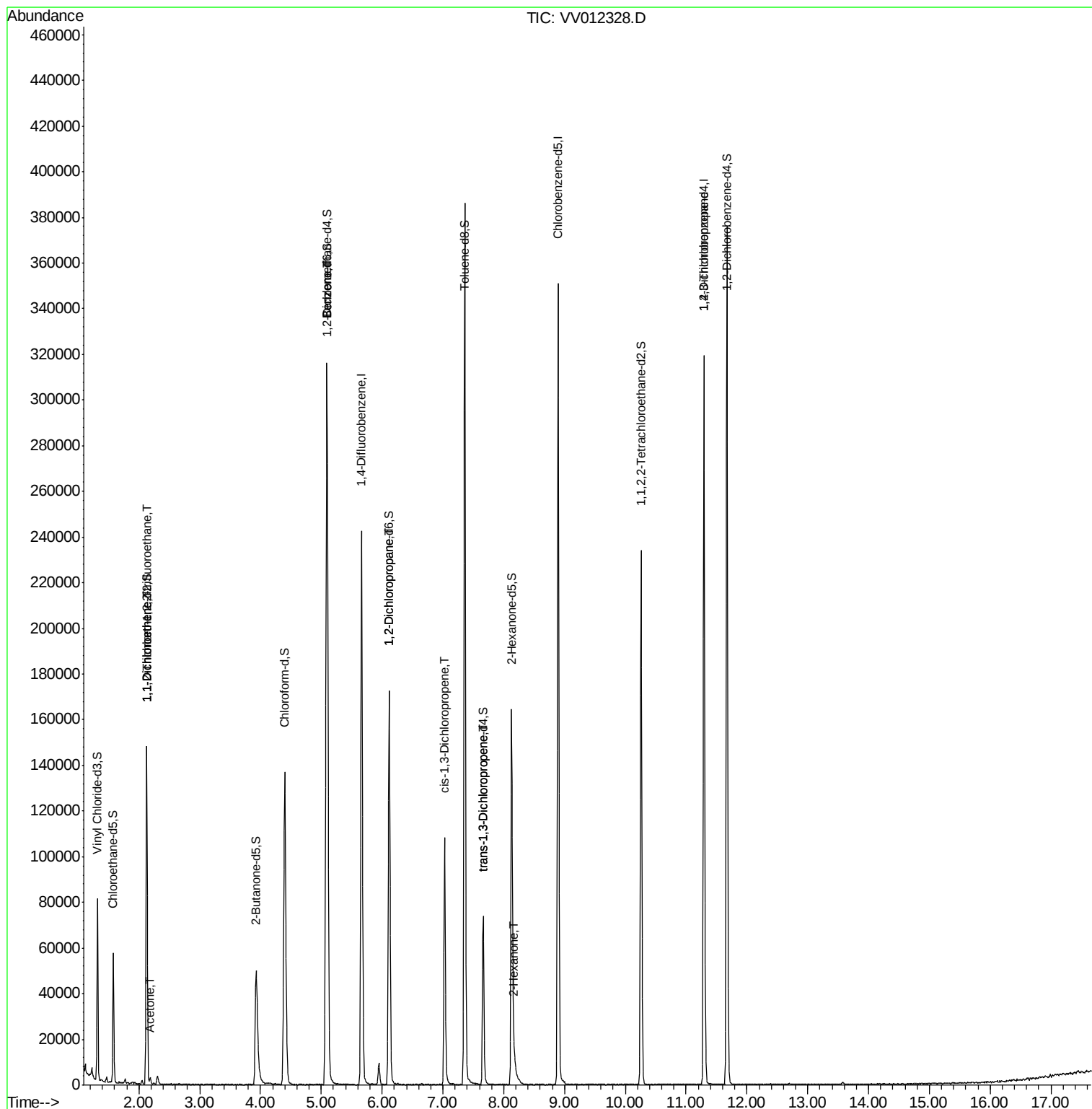
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	729	0.776 ug/L #	13
12) 1,1-Dichloroethene	2.13	96	652	0.760 ug/L #	1
13) Acetone	2.19	43	1214	2.054 ug/L	73
33) Benzene	5.10	78	2303	0.465 ug/L	100
37) 1,2-Dichloropropane	6.12	63	9514	8.473 ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2914	1.398 ug/L #	75
44) trans-1,3-Dichloropropene	7.66	75	1854	0.933 ug/L #	70
48) 2-Hexanone	8.18	43	2207	1.936 ug/L #	39
59) 1,2,3-Trichloropropane	11.29	75	8084	5.052 ug/L	91

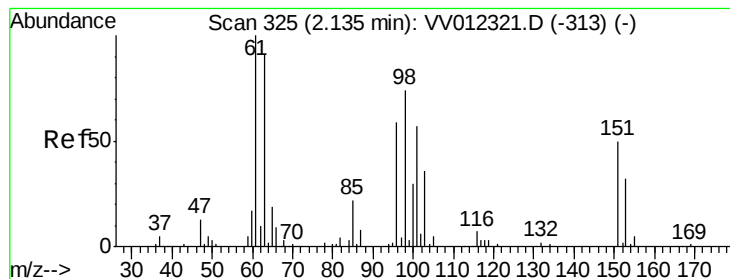
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.776 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Acq: 21 Aug 2019 21:34

Instrument :

MSVOA_V

ClientSampleId :

BEJW2

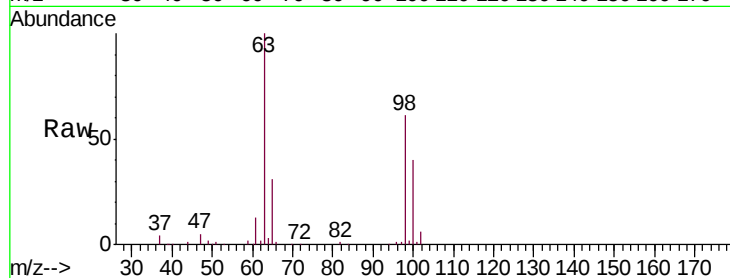
Tgt Ion: 101 Resp: 729

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

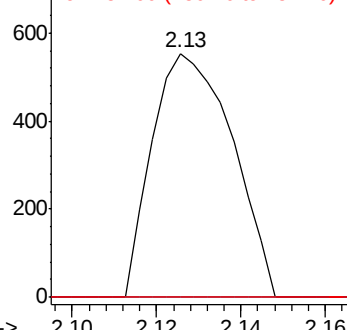
151 0.0 73.0 109.6#



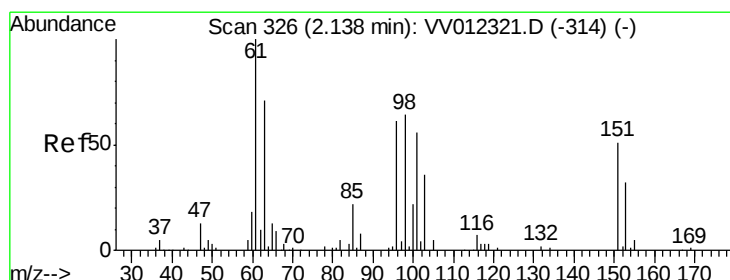
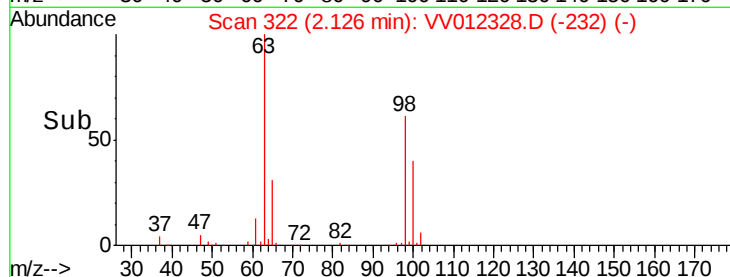
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.760 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012328.D

Acq: 21 Aug 2019 21:34

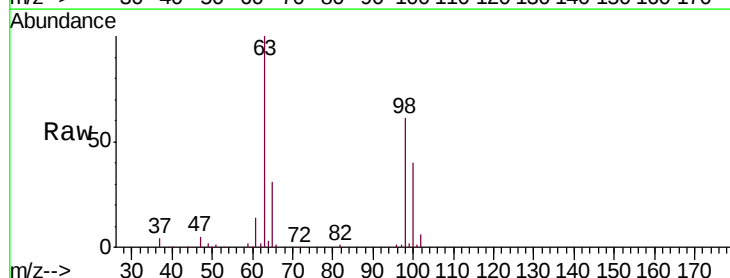
Tgt Ion: 96 Resp: 652

Ion Ratio Lower Upper

96 100

61 1613.0 122.6 227.8#

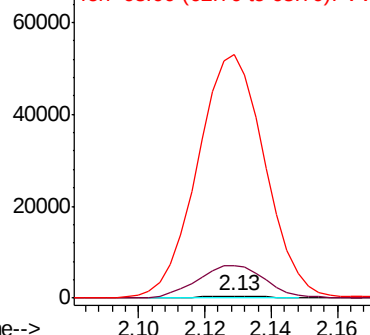
63 11881.6 98.6 183.2#



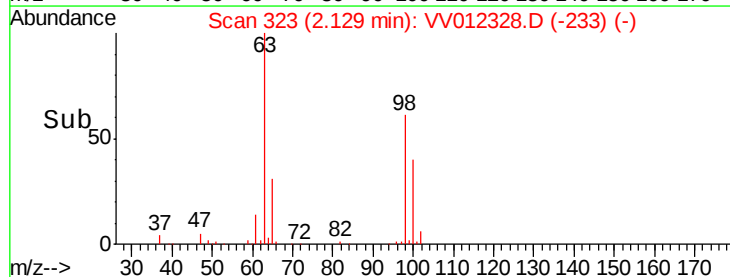
Abundance Ion 96.00 (95.70 to 96.70): VV0

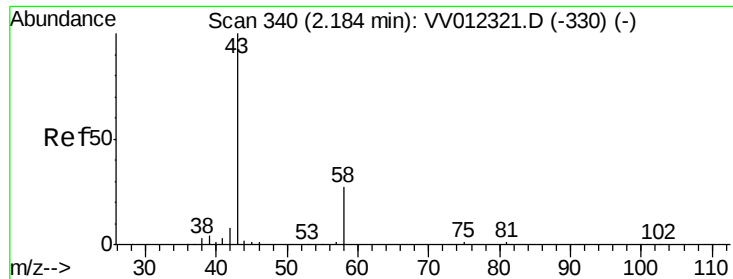
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->





#13

Acetone

Concen: 2.054 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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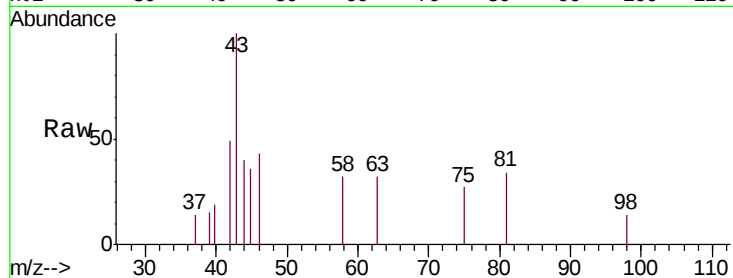
BEJW2

Tgt Ion: 43 Resp: 1214

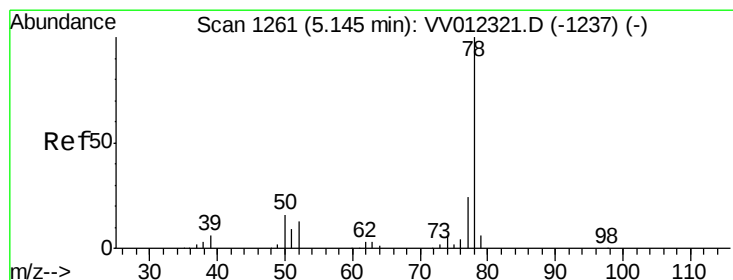
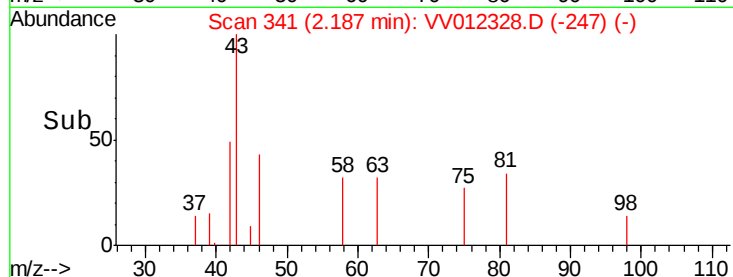
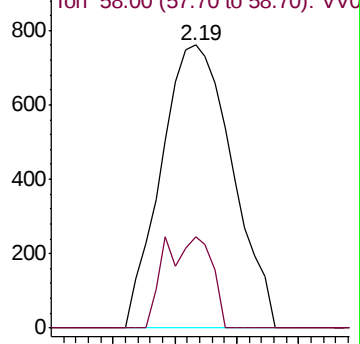
Ion Ratio Lower Upper

43 100

58 13.3 0.0 54.2



Abundance Ion 43.00 (42.70 to 43.70): VV0



#33

Benzene

Concen: 0.465 ug/L

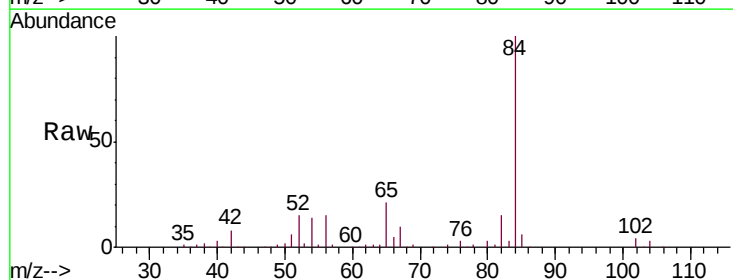
RT: 5.10 min Scan# 1246

Delta R.T. -0.05 min

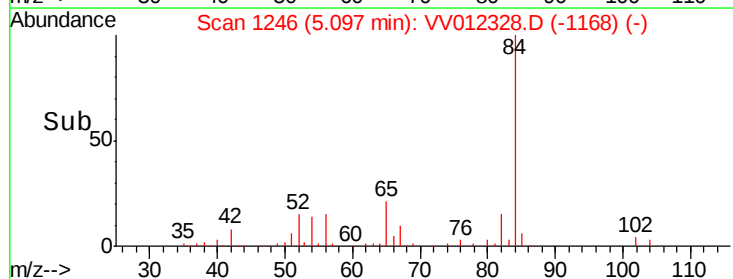
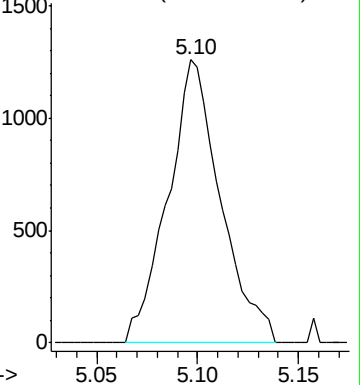
Lab File: VV012328.D

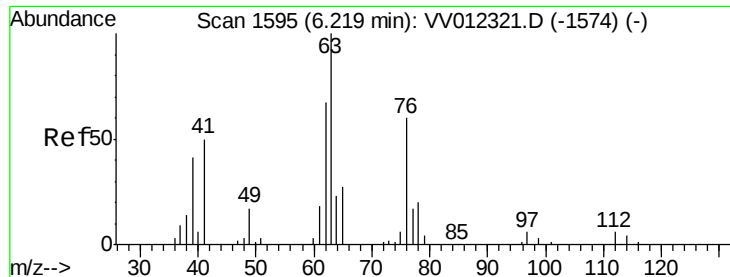
Acq: 21 Aug 2019 21:34

Tgt Ion: 78 Resp: 2303



Abundance Ion 78.00 (77.70 to 78.70): VV0

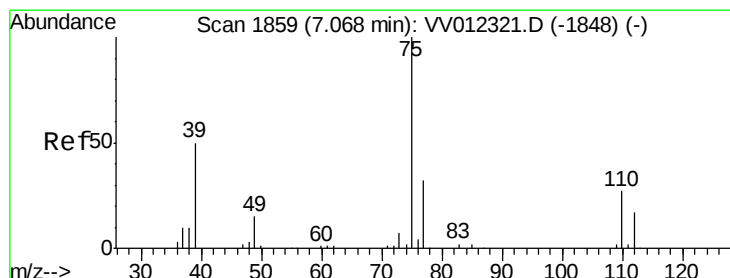
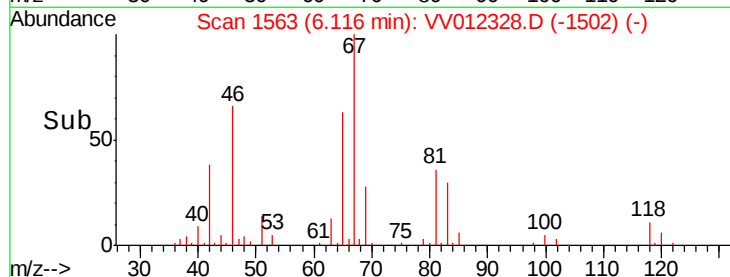
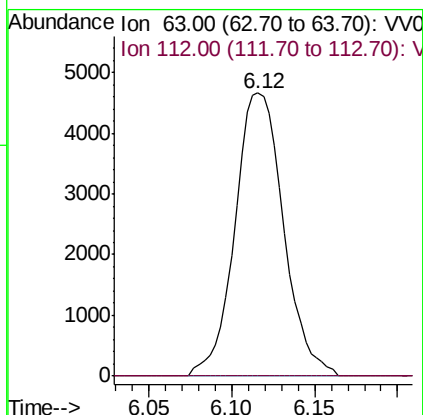
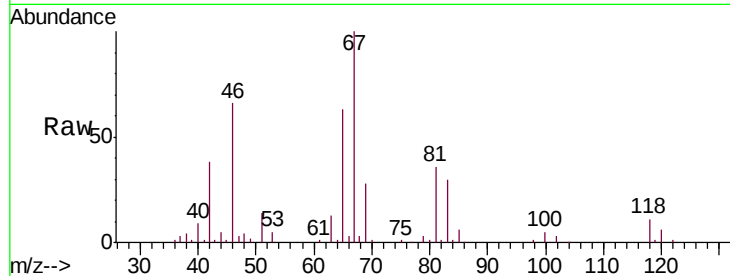




#37
 1,2-Dichloropropane
 Concen: 8.473 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012328.D
 Acq: 21 Aug 2019 21:34

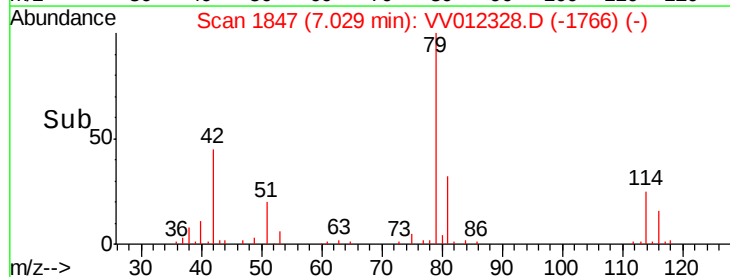
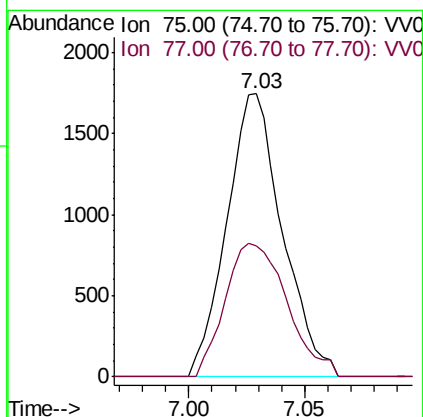
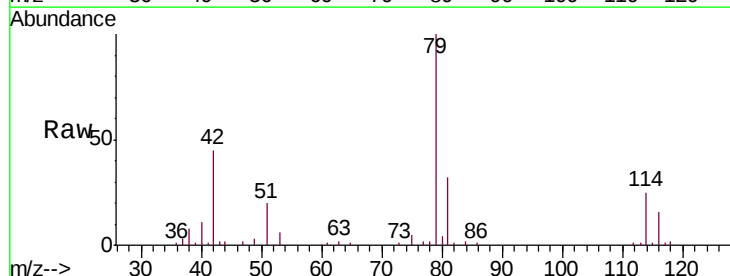
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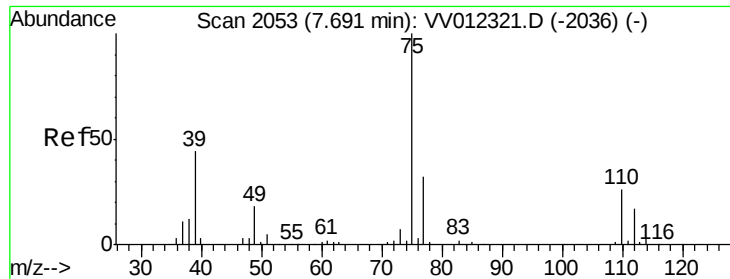
Tgt Ion: 63 Resp: 9514
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.7 7.1#



#39
 cis-1,3-Dichloropropene
 Concen: 1.398 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012328.D
 Acq: 21 Aug 2019 21:34

Tgt Ion: 75 Resp: 2914
 Ion Ratio Lower Upper
 75 100
 77 46.2 22.5 41.7#

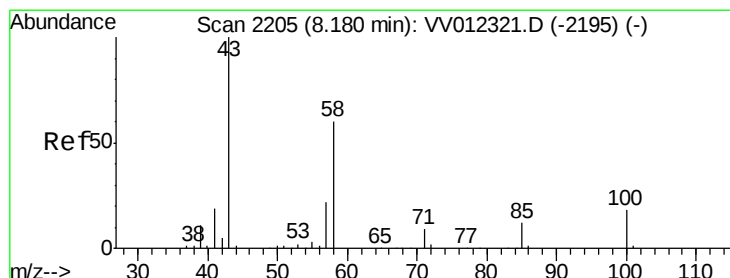
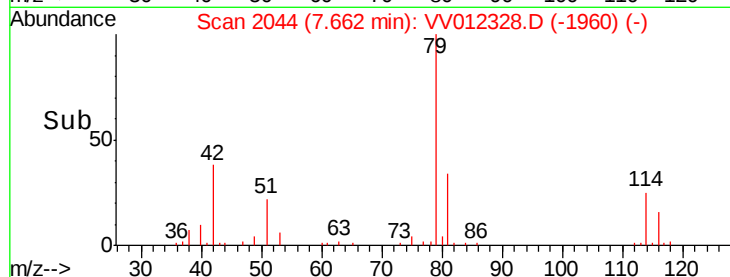
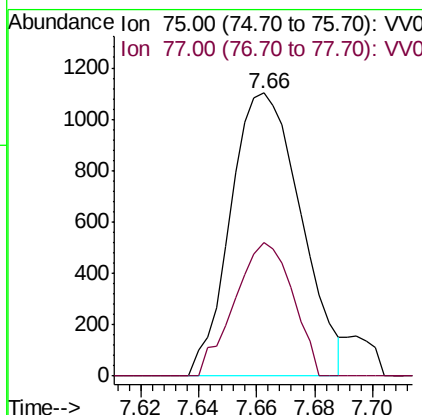
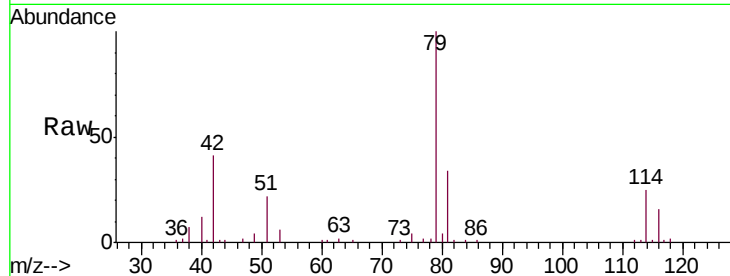




#44
trans-1,3-Dichloropropene
Concen: 0.933 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012328.D
Acq: 21 Aug 2019 21:34

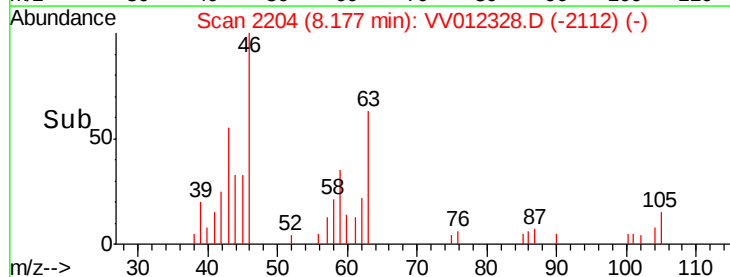
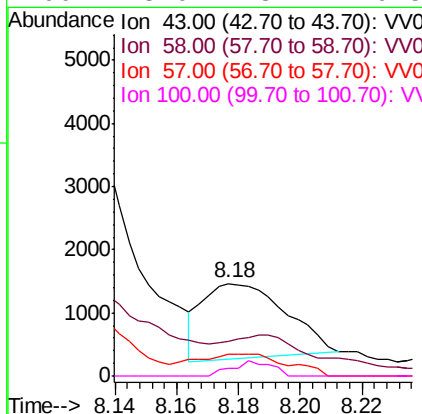
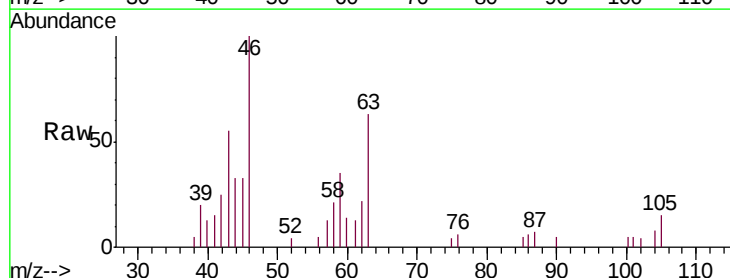
Instrument :
MSVOA_V
ClientSampleId :
BEJW2

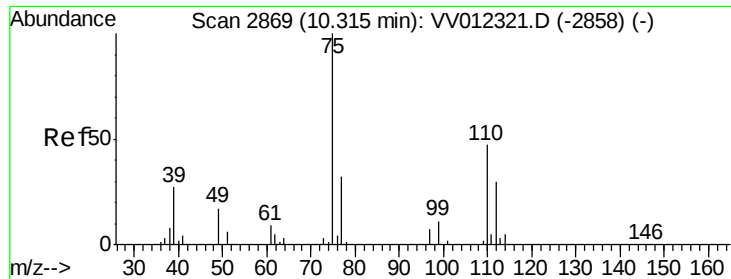
Tgt Ion: 75 Resp: 1854
Ion Ratio Lower Upper
75 100
77 47.3 21.7 40.3#



#48
2-Hexanone
Concen: 1.936 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VV012328.D
Acq: 21 Aug 2019 21:34

Tgt Ion: 43 Resp: 2207
Ion Ratio Lower Upper
43 100
58 0.0 45.7 68.5#
57 2.1 16.8 25.2#
100 3.0 13.7 20.5#





#59

1,2,3-Trichloropropane

Concen: 5.052 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012328.D

Acq: 21 Aug 2019 21:34

Instrument :

MSVOA_V

ClientSampleId :

BEJW2

Tgt Ion: 75 Resp: 8084

Ion Ratio Lower Upper

75 100

77 38.6 26.8 40.2

