

Data File : VV012330.D
Acq On : 21 Aug 2019 22:23
Operator : SY/MD
Sample : K4454-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2C01

Quant Time: Aug 22 03:53:01 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	220096	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	200151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	93732	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48469	46.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.02%
7) Chloroethane-d5	1.58	69	36897	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.78%
11) 1,1-Dichloroethene-d2	2.13	63	75397	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	3.93	46	59738	73.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.55%
24) Chloroform-d	4.40	84	133168	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	5.08	65	104090	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.92%
32) Benzene-d6	5.10	84	270021	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
36) 1,2-Dichloropropane-d6	6.12	67	72917	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.04%
41) Toluene-d8	7.36	98	258615	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%
43) trans-1,3-Dichloropropene-	7.66	79	42907	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.54%
47) 2-Hexanone-d5	8.13	63	56339	94.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102918	50.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.14%
64) 1,2-Dichlorobenzene-d4	11.67	152	111673	54.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.38%

Target Compounds

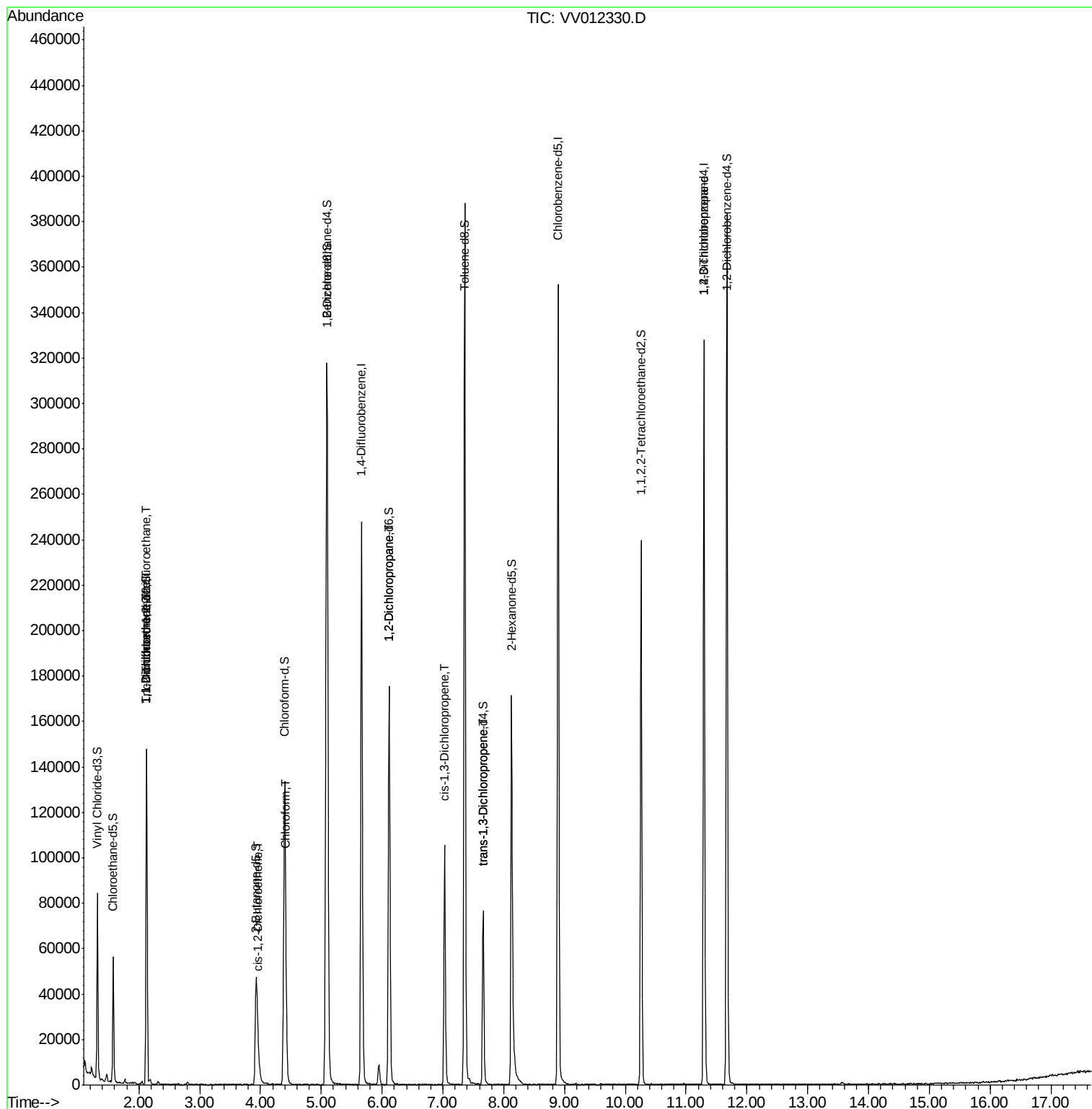
					Qvalue
9) Trichlorofluoromethane	2.13	101	776	0.363 ug/L #	24
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	776	0.801 ug/L #	13
12) 1,1-Dichloroethene	2.12	96	685	0.774 ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	1362	0.914 ug/L	81
25) Chloroform	4.42	83	9278	3.341 ug/L	94
37) 1,2-Dichloropropane	6.12	63	9536	8.338 ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2748	1.294 ug/L #	63
44) trans-1,3-Dichloropropene	7.66	75	1927	0.952 ug/L	93
59) 1,2,3-Trichloropropane	11.29	75	7802	4.787 ug/L #	86

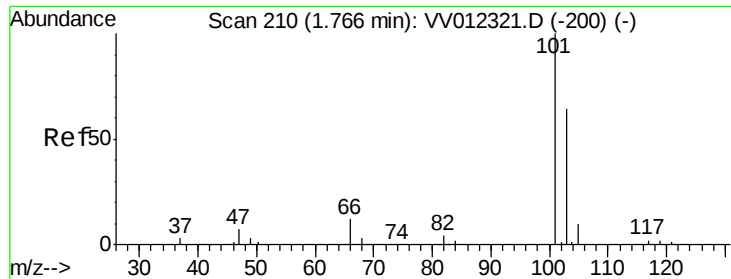
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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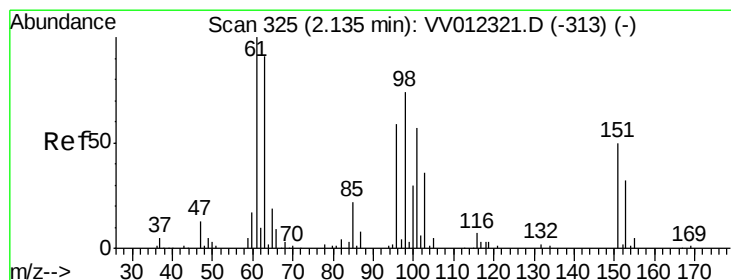
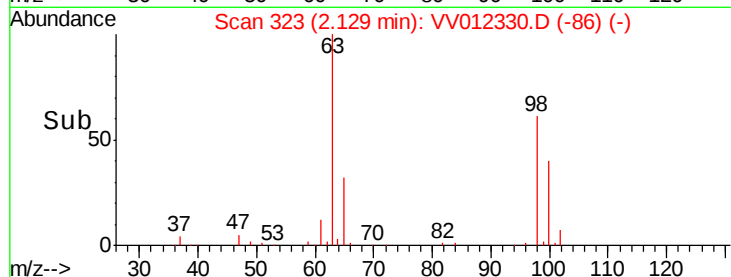
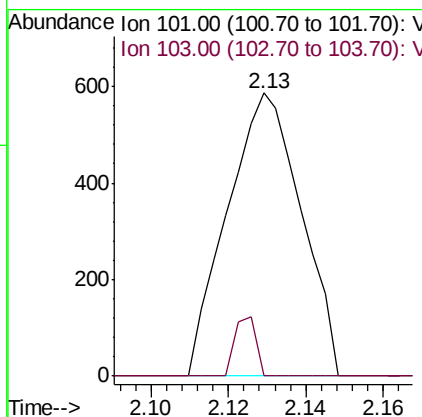
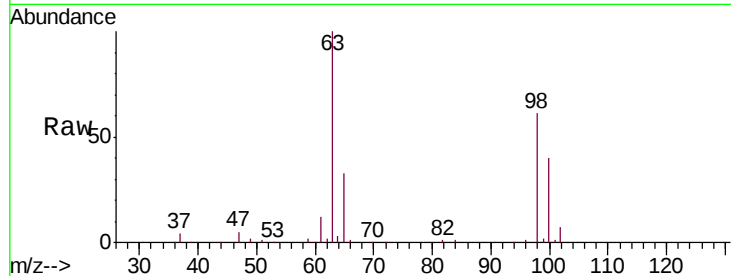


#9

Trichlorofluoromethane
 Concen: 0.363 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.36 min
 Lab File: VV012330.D
 Acq: 21 Aug 2019 22:23

Instrument :
 MSVOA_V
 ClientSampleId :
 F2C01

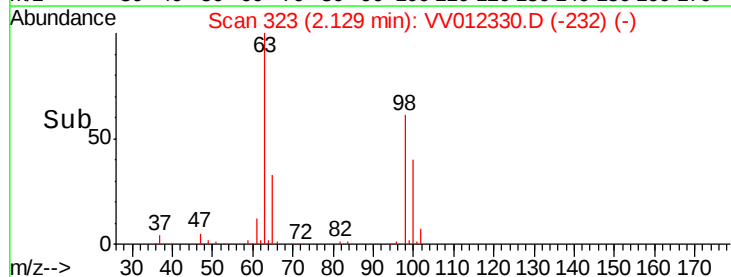
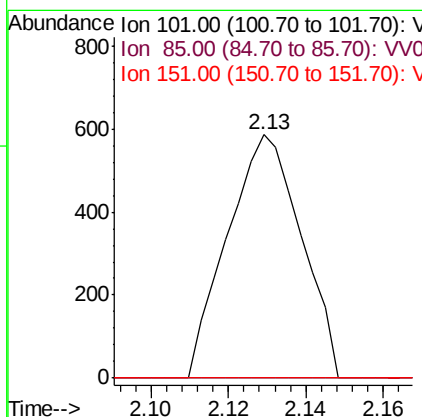
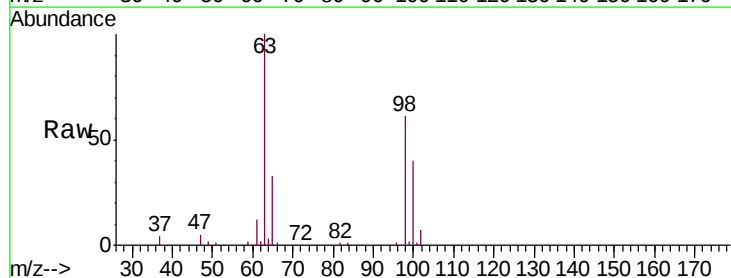
Tgt Ion:101 Resp: 776
 Ion Ratio Lower Upper
 101 100
 103 5.9 53.2 79.8#

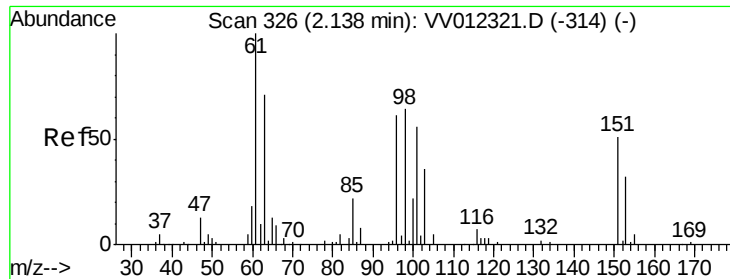


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.801 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012330.D
 Acq: 21 Aug 2019 22:23

Tgt Ion:101 Resp: 776
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.7 50.5#
 151 0.0 73.0 109.6#

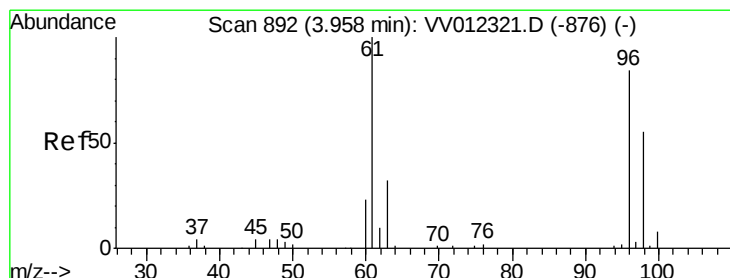
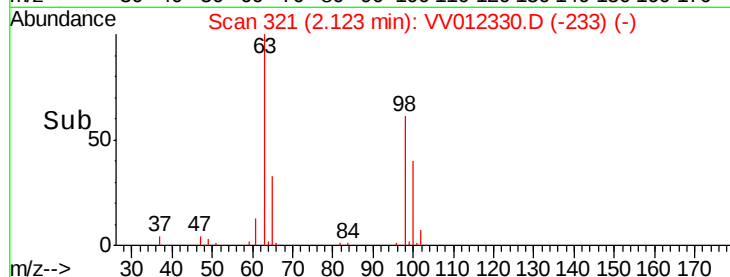
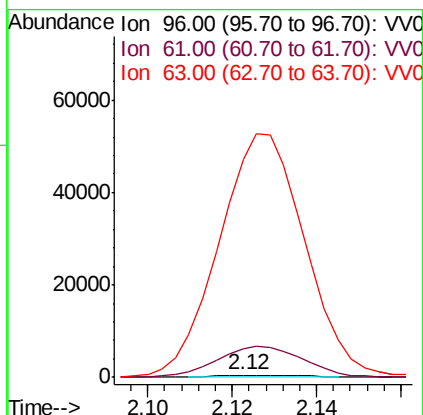
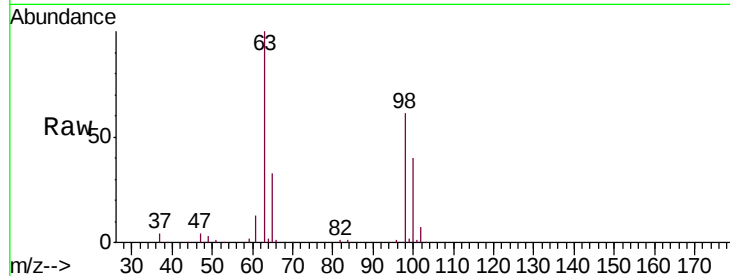




#12
 1,1-Dichloroethene
 Concen: 0.774 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.02 min
 Lab File: VV012330.D
 Acq: 21 Aug 2019 22:23

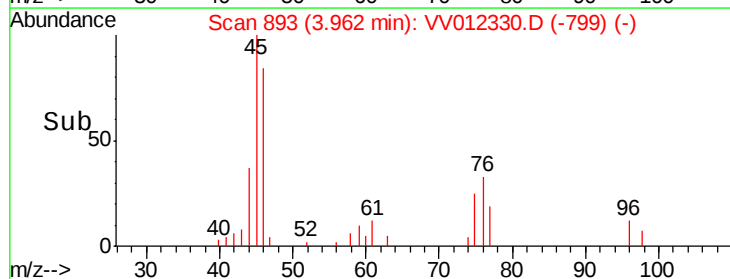
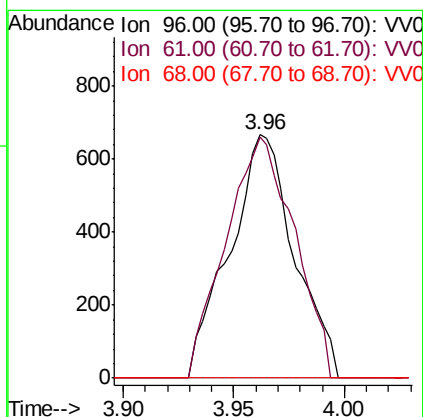
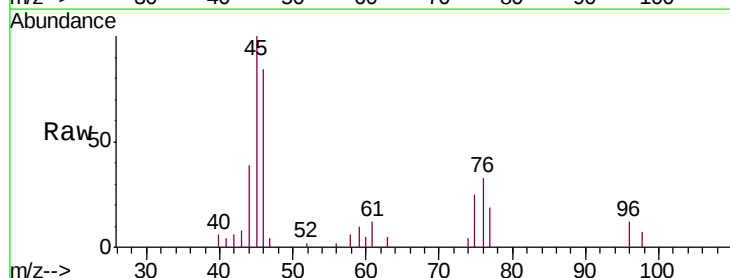
Instrument :
 MSVOA_V
 ClientSampleId :
 F2C01

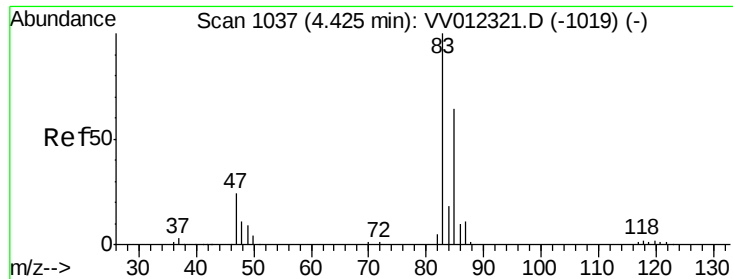
Tgt Ion: 96 Resp: 685
 Ion Ratio Lower Upper
 96 100
 61 1238.3 122.6 227.8#
 63 9426.9 98.6 183.2#



#20
 cis-1,2-Dichloroethene
 Concen: 0.914 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012330.D
 Acq: 21 Aug 2019 22:23

Tgt Ion: 96 Resp: 1362
 Ion Ratio Lower Upper
 96 100
 61 99.1 84.4 156.7
 68 0.0 0.0 0.0

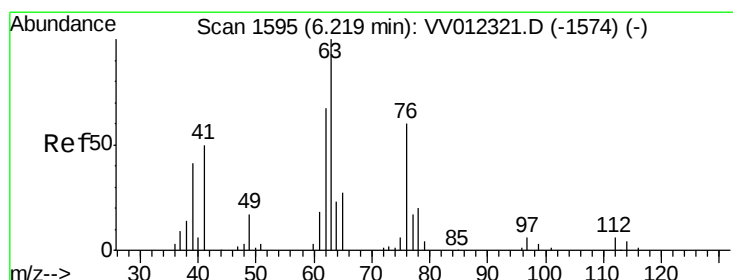
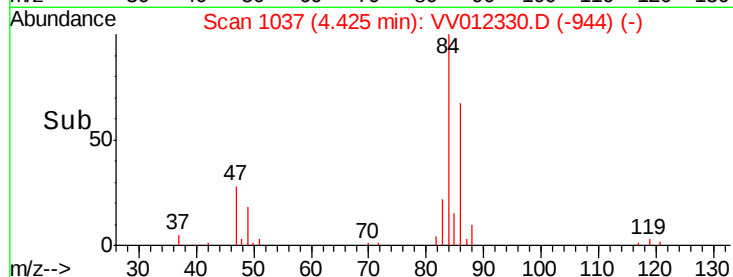
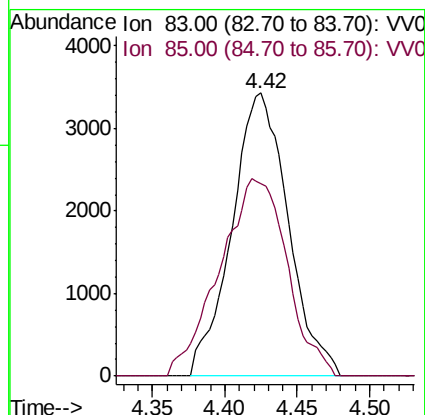
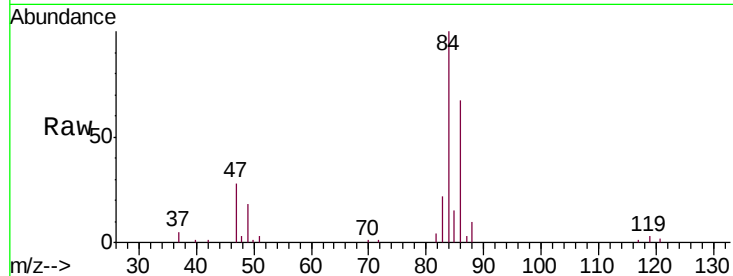




#25
Chloroform
Concen: 3.341 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012330.D
Acq: 21 Aug 2019 22:23

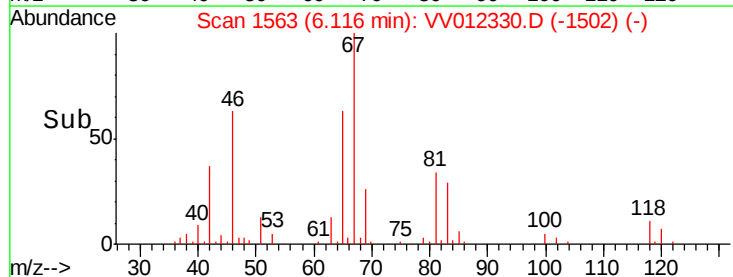
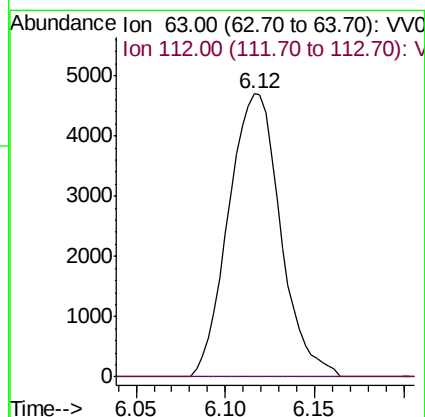
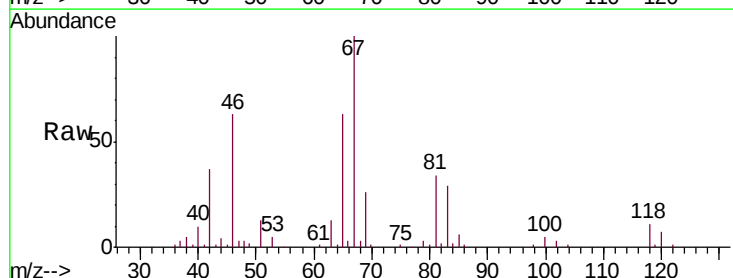
Instrument :
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ClientSampleId :
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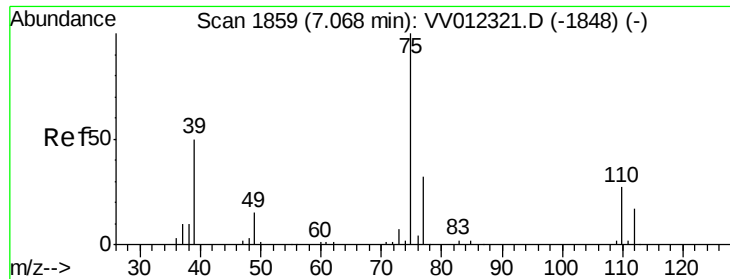
Tgt Ion: 83 Resp: 9278
Ion Ratio Lower Upper
83 100
85 68.0 44.5 82.7



#37
1,2-Dichloropropane
Concen: 8.338 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012330.D
Acq: 21 Aug 2019 22:23

Tgt Ion: 63 Resp: 9536
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#

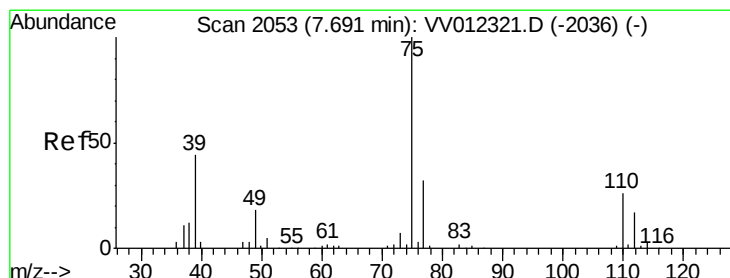
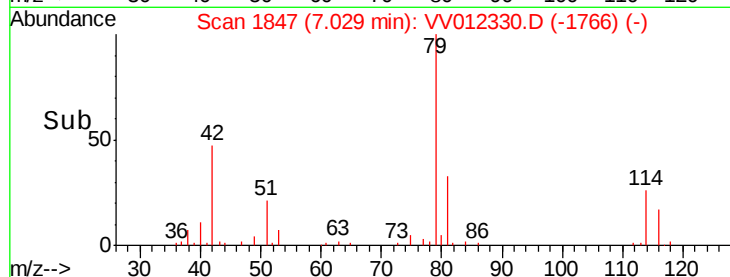
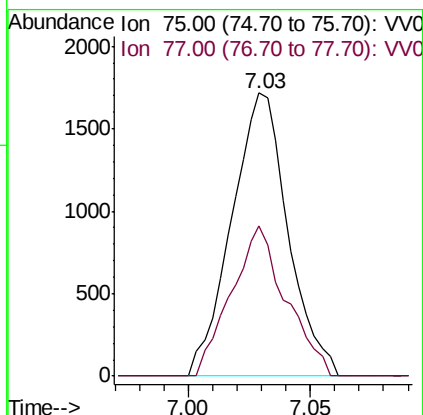
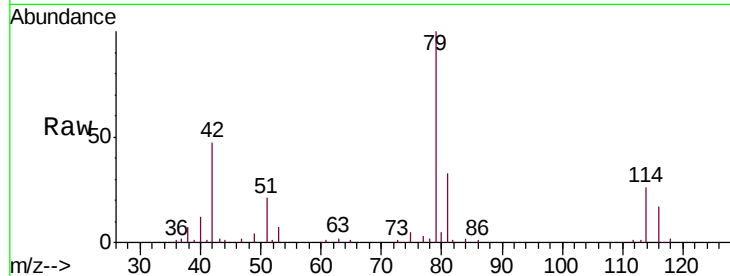




#39
 cis-1,3-Dichloropropene
 Concen: 1.294 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012330.D
 Acq: 21 Aug 2019 22:23

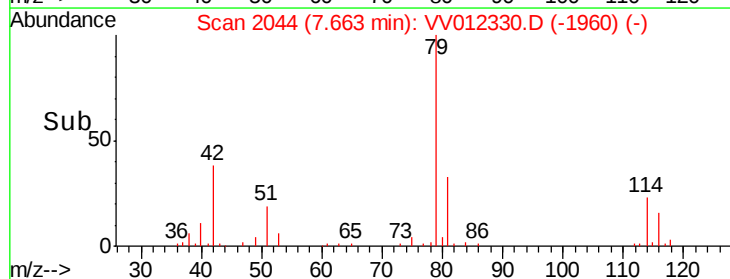
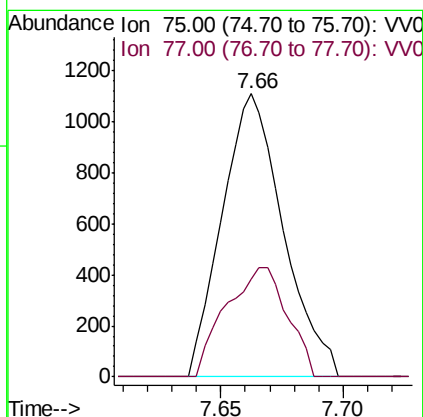
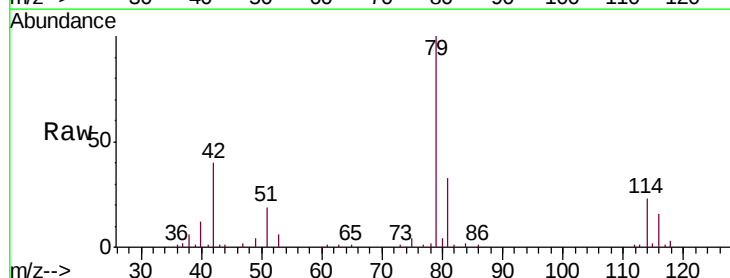
Instrument :
 MSVOA_V
 ClientSampleId :
 F2C01

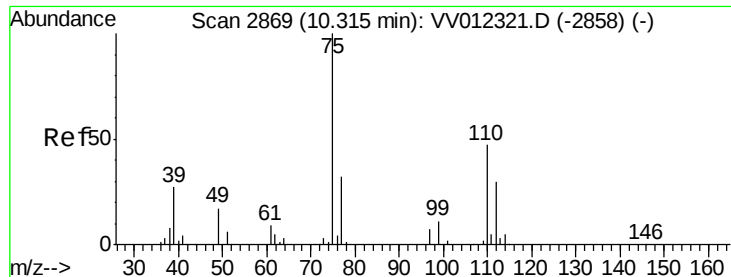
Tgt Ion: 75 Resp: 2748
 Ion Ratio Lower Upper
 75 100
 77 53.0 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.952 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012330.D
 Acq: 21 Aug 2019 22:23

Tgt Ion: 75 Resp: 1927
 Ion Ratio Lower Upper
 75 100
 77 34.7 21.7 40.3





#59

1,2,3-Trichloropropane

Concen: 4.787 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012330.D

Acq: 21 Aug 2019 22:23

Instrument :

MSVOA_V

ClientSampleId :

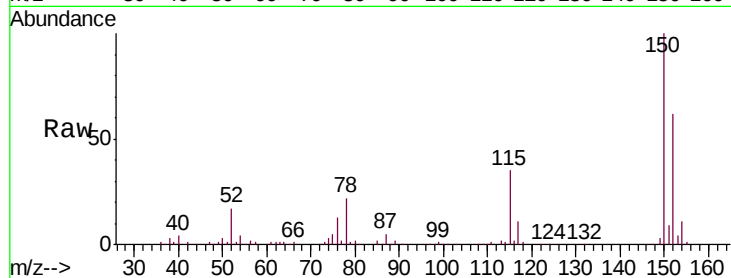
F2C01

Tgt Ion: 75 Resp: 7802

Ion Ratio Lower Upper

75 100

77 41.6 26.8 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

