

Data File : VV012336.D
Acq On : 22 Aug 2019 00:50
Operator : SY/MD
Sample : K4454-15
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2C11

Quant Time: Aug 22 03:54:02 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	209410	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	195160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91663	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47126	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.06%
7) Chloroethane-d5	1.58	69	35989	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.26%
11) 1,1-Dichloroethene-d2	2.13	63	72761	37.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.56%
21) 2-Butanone-d5	3.93	46	60092	77.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.76%
24) Chloroform-d	4.40	84	131584	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.08	65	101575	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.54%
32) Benzene-d6	5.10	84	266839	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
36) 1,2-Dichloropropane-d6	6.12	67	71599	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.74%
41) Toluene-d8	7.36	98	254090	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%
43) trans-1,3-Dichloropropene-	7.66	79	40355	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.12%
47) 2-Hexanone-d5	8.13	63	54562	93.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	100795	50.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.58%
64) 1,2-Dichlorobenzene-d4	11.67	152	109712	54.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.88%

Target Compounds

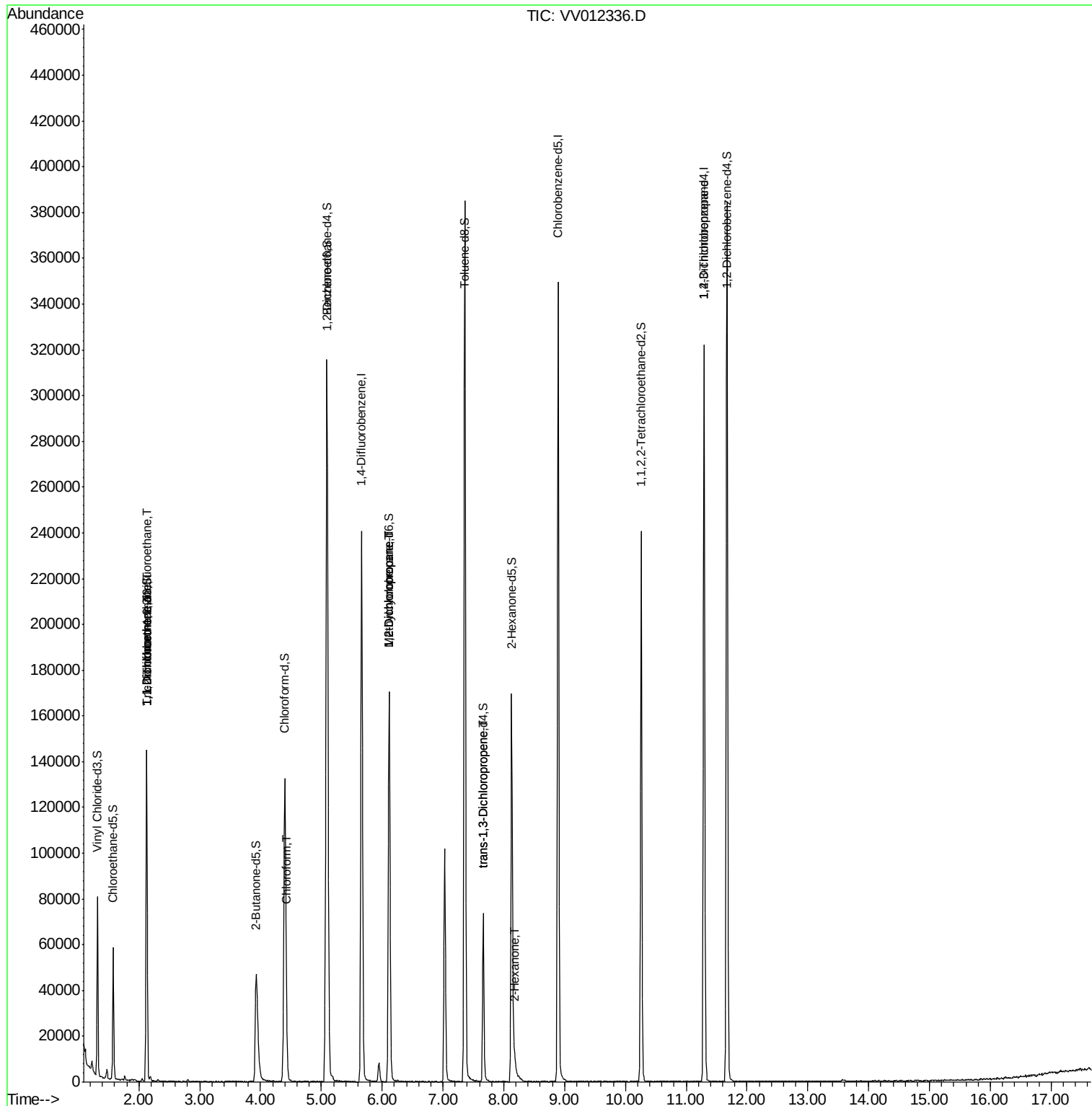
					Qvalue	
9) Trichlorofluoromethane	2.13	101	771	0.379	ug/L #	24
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	771	0.836	ug/L #	13
12) 1,1-Dichloroethene	2.13	96	709	0.842	ug/L #	1
25) Chloroform	4.43	83	10355	3.919	ug/L	92
35) Methylcyclohexane	6.12	83	21239	9.749	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9100	8.160	ug/L #	82
44) trans-1,3-Dichloropropene	7.66	75	1879	0.952	ug/L	95
48) 2-Hexanone	8.18	43	2418	2.136	ug/L #	46
59) 1,2,3-Trichloropropane	11.29	75	7690	4.839	ug/L #	77

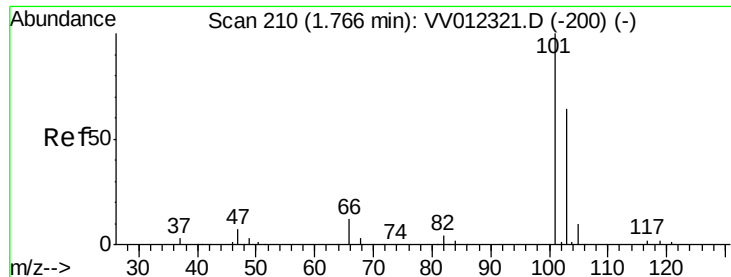
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012336.D
Acq On : 22 Aug 2019 00:50
Operator : SY/MD
Sample : K4454-15
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2C11

Quant Time: Aug 22 03:54:02 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





#9

Trichlorofluoromethane

Concen: 0.379 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.36 min

Lab File: VV012336.D

Acq: 22 Aug 2019 00:50

Instrument :

MSVOA_V

ClientSampleId :

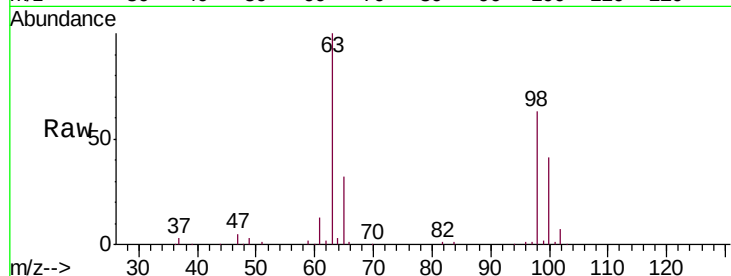
F2C11

Tgt Ion:101 Resp: 771

Ion Ratio Lower Upper

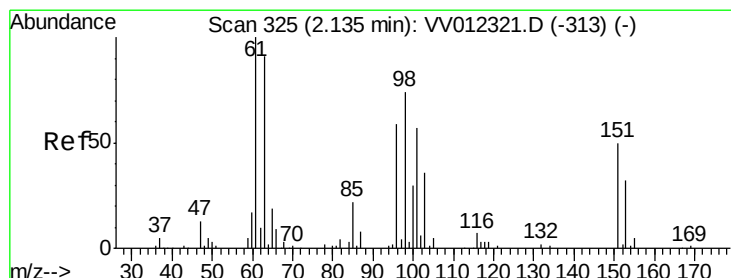
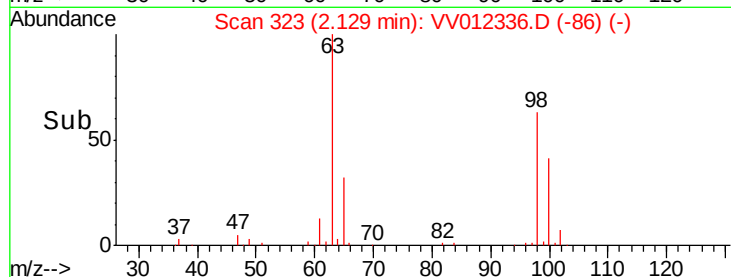
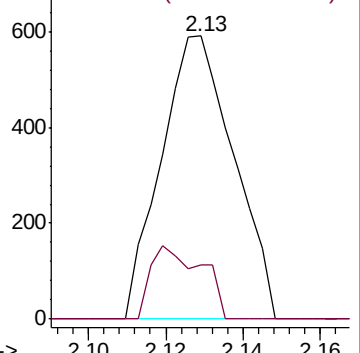
101 100

103 5.7 53.2 79.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.836 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012336.D

Acq: 22 Aug 2019 00:50

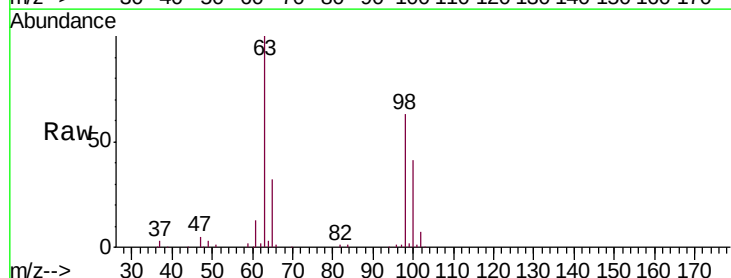
Tgt Ion:101 Resp: 771

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

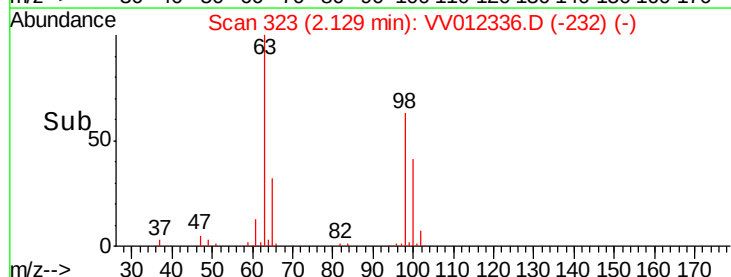
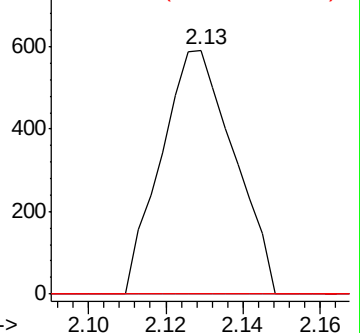
151 0.0 73.0 109.6#

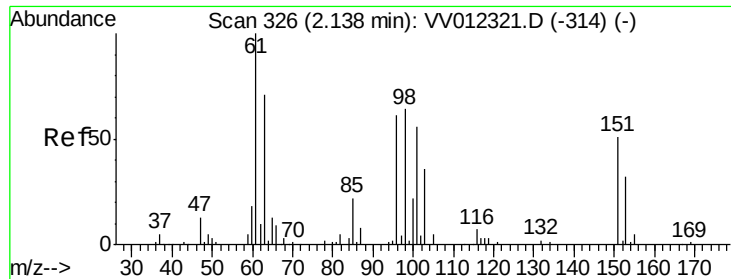


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

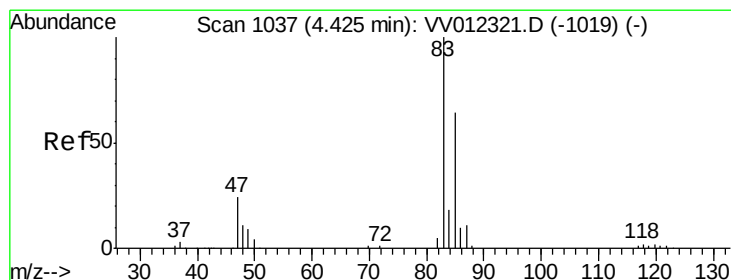
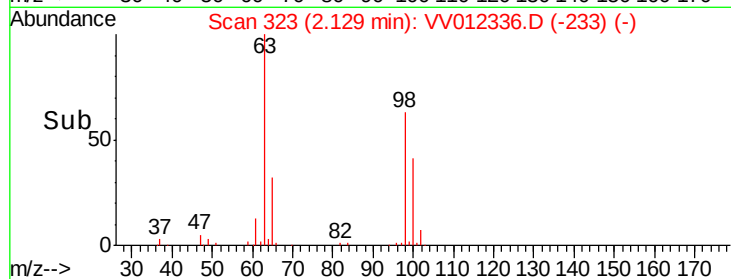
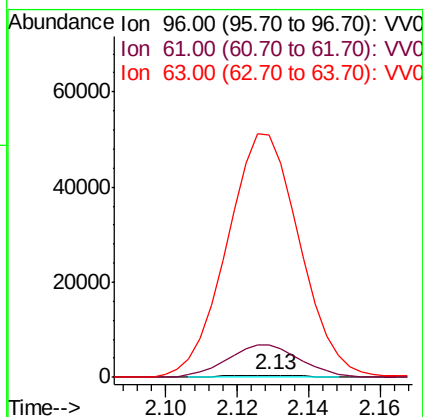
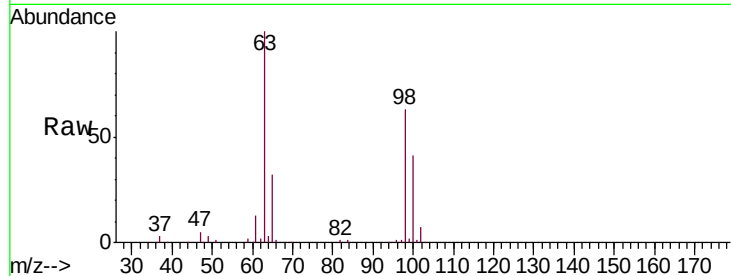




#12
 1,1-Dichloroethene
 Concen: 0.842 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012336.D
 Acq: 22 Aug 2019 00:50

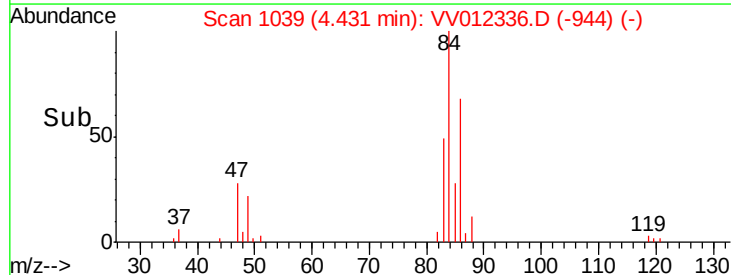
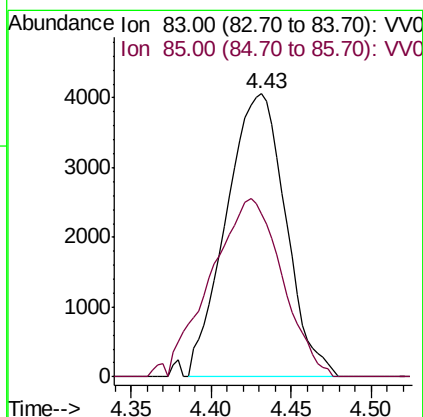
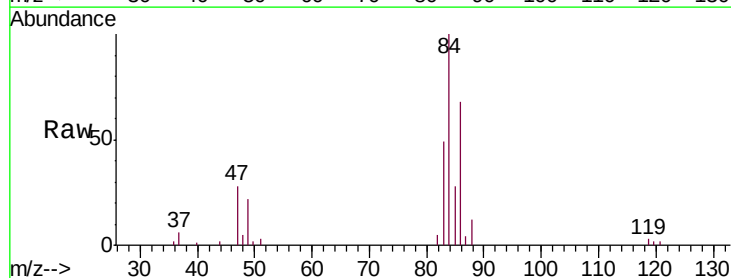
Instrument :
 MSVOA_V
 ClientSampleId :
 F2C11

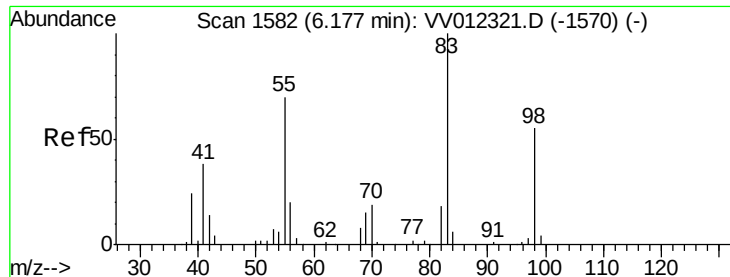
Tgt Ion: 96 Resp: 709
 Ion Ratio Lower Upper
 96 100
 61 1390.1 122.6 227.8#
 63 10545.5 98.6 183.2#



#25
 Chloroform
 Concen: 3.919 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: VV012336.D
 Acq: 22 Aug 2019 00:50

Tgt Ion: 83 Resp: 10355
 Ion Ratio Lower Upper
 83 100
 85 57.6 44.5 82.7

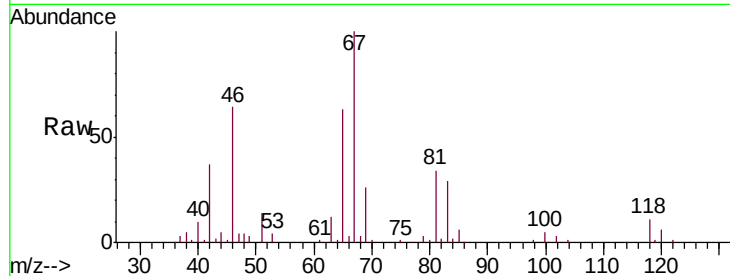




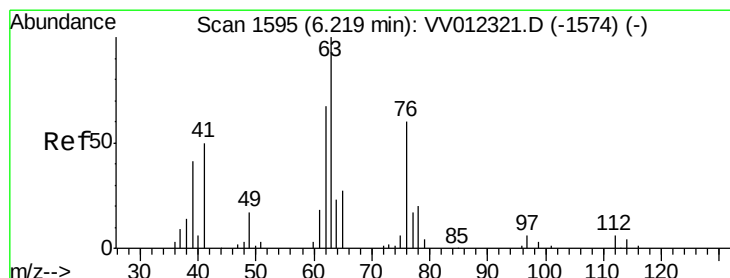
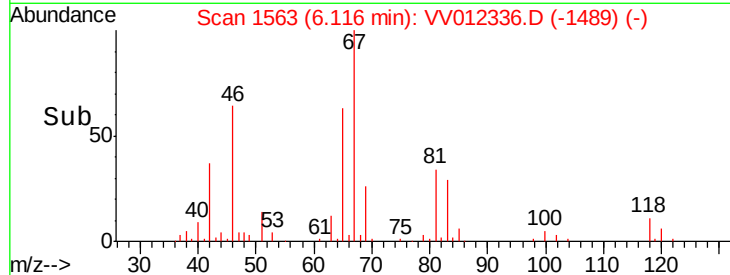
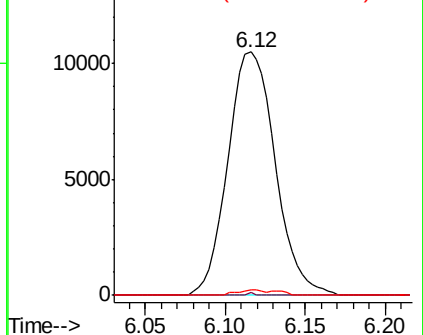
#35
Methylcyclohexane
Concen: 9.749 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012336.D
Acq: 22 Aug 2019 00:50

Instrument :
MSVOA_V
ClientSampled :
F2C11

Tgt Ion: 83 Resp: 21239
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.4#
98 1.2 42.2 63.4#

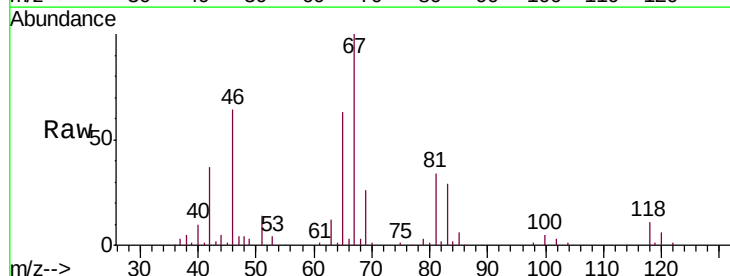


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

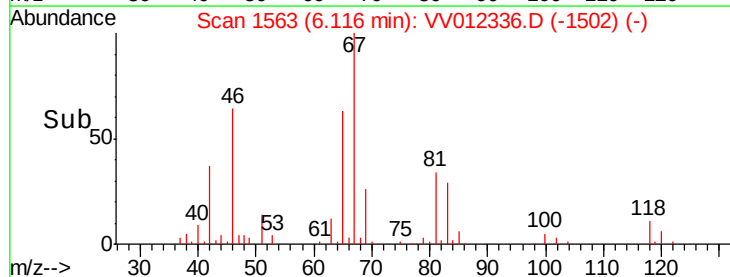
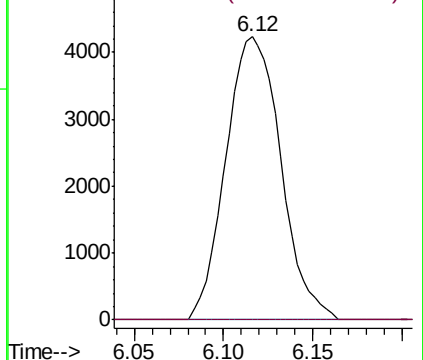


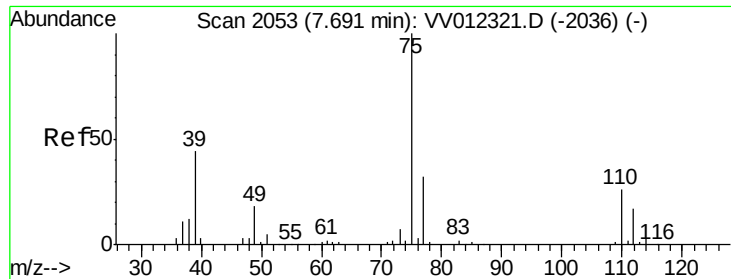
#37
1,2-Dichloropropane
Concen: 8.160 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012336.D
Acq: 22 Aug 2019 00:50

Tgt Ion: 63 Resp: 9100
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





#44

trans-1,3-Dichloropropene

Concen: 0.952 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV012336.D

Acq: 22 Aug 2019 00:50

Instrument :

MSVOA_V

ClientSampleId :

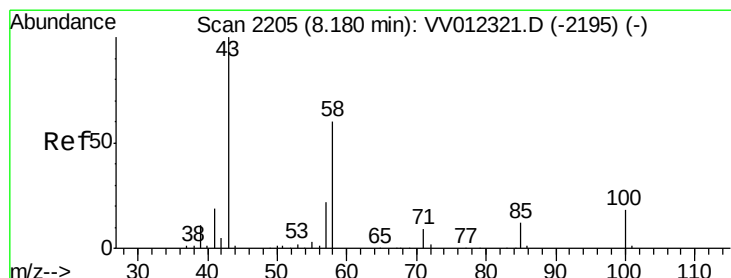
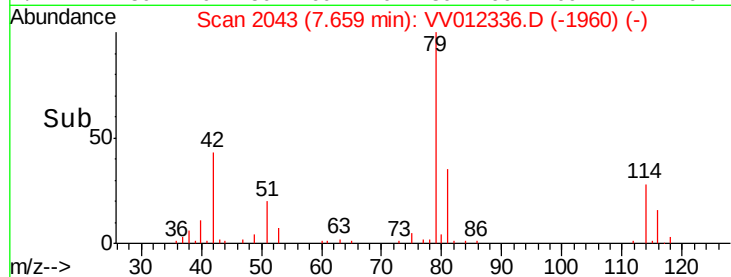
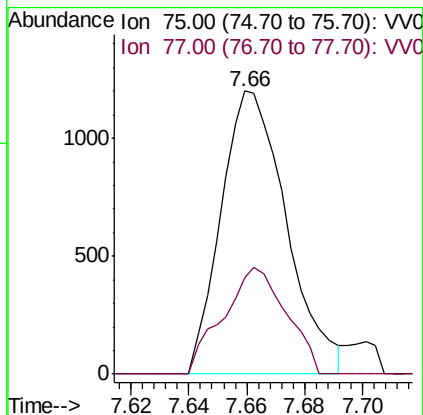
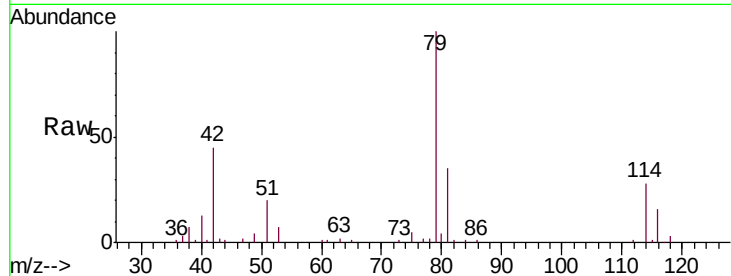
F2C11

Tgt Ion: 75 Resp: 1879

Ion Ratio Lower Upper

75 100

77 33.9 21.7 40.3



#48

2-Hexanone

Concen: 2.136 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VV012336.D

Acq: 22 Aug 2019 00:50

Tgt Ion: 43 Resp: 2418

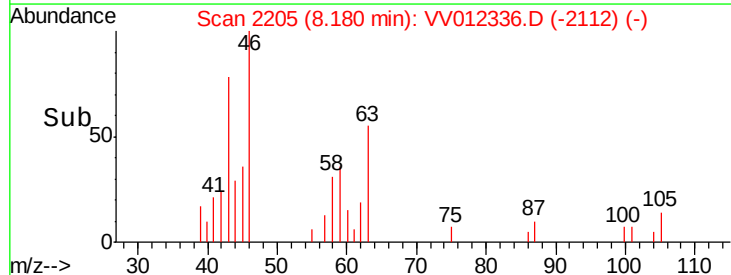
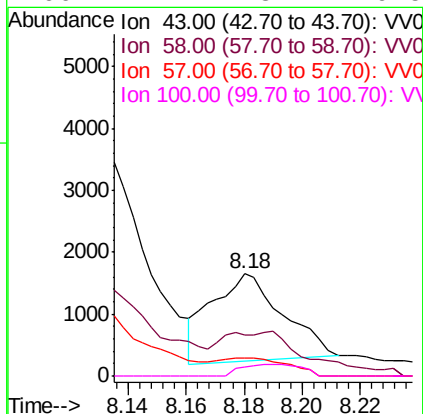
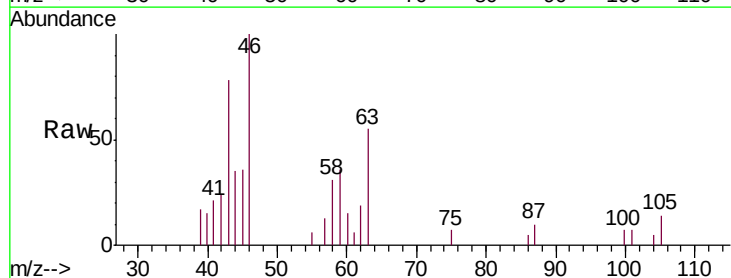
Ion Ratio Lower Upper

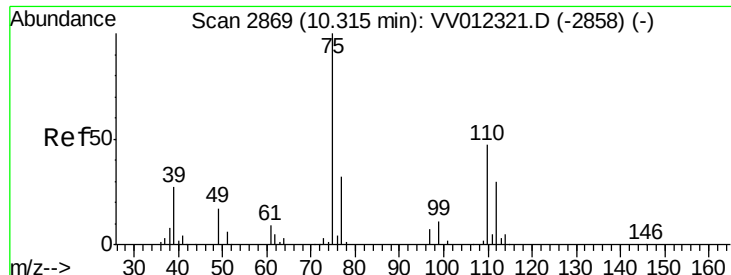
43 100

58 6.2 45.7 68.5#

57 0.0 16.8 25.2#

100 11.4 13.7 20.5#





#59

1,2,3-Trichloropropane

Concen: 4.839 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV012336.D

Acq: 22 Aug 2019 00:50

Instrument :

MSVOA_V

ClientSampleId :

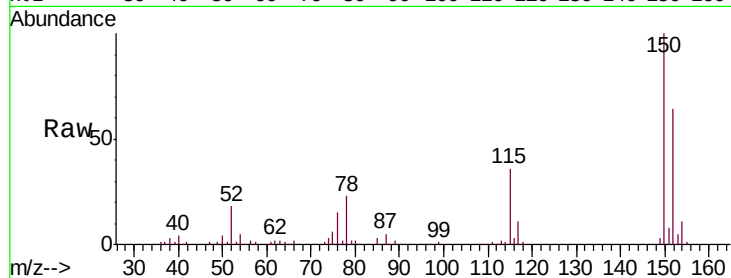
F2C11

Tgt Ion: 75 Resp: 7690

Ion Ratio Lower Upper

75 100

77 46.6 26.8 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

