

Data File : VV012337.D
Acq On : 22 Aug 2019 01:14
Operator : SY/MD
Sample : K4454-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2C12

Quant Time: Aug 22 03:54:11 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	215910	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	205631	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	94412	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46303	45.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	34305	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.62%
11) 1,1-Dichloroethene-d2	2.13	63	72092	35.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.66%
21) 2-Butanone-d5	3.93	46	54367	68.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.23%
24) Chloroform-d	4.40	84	131560	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
26) 1,2-Dichloroethane-d4	5.08	65	101348	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.16%
32) Benzene-d6	5.10	84	263487	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
36) 1,2-Dichloropropane-d6	6.12	67	71769	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	7.36	98	250297	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%
43) trans-1,3-Dichloropropene-	7.66	79	40036	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.68%
47) 2-Hexanone-d5	8.13	63	54087	88.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99130	46.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.88%
64) 1,2-Dichlorobenzene-d4	11.67	152	107278	51.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.38%

Target Compounds

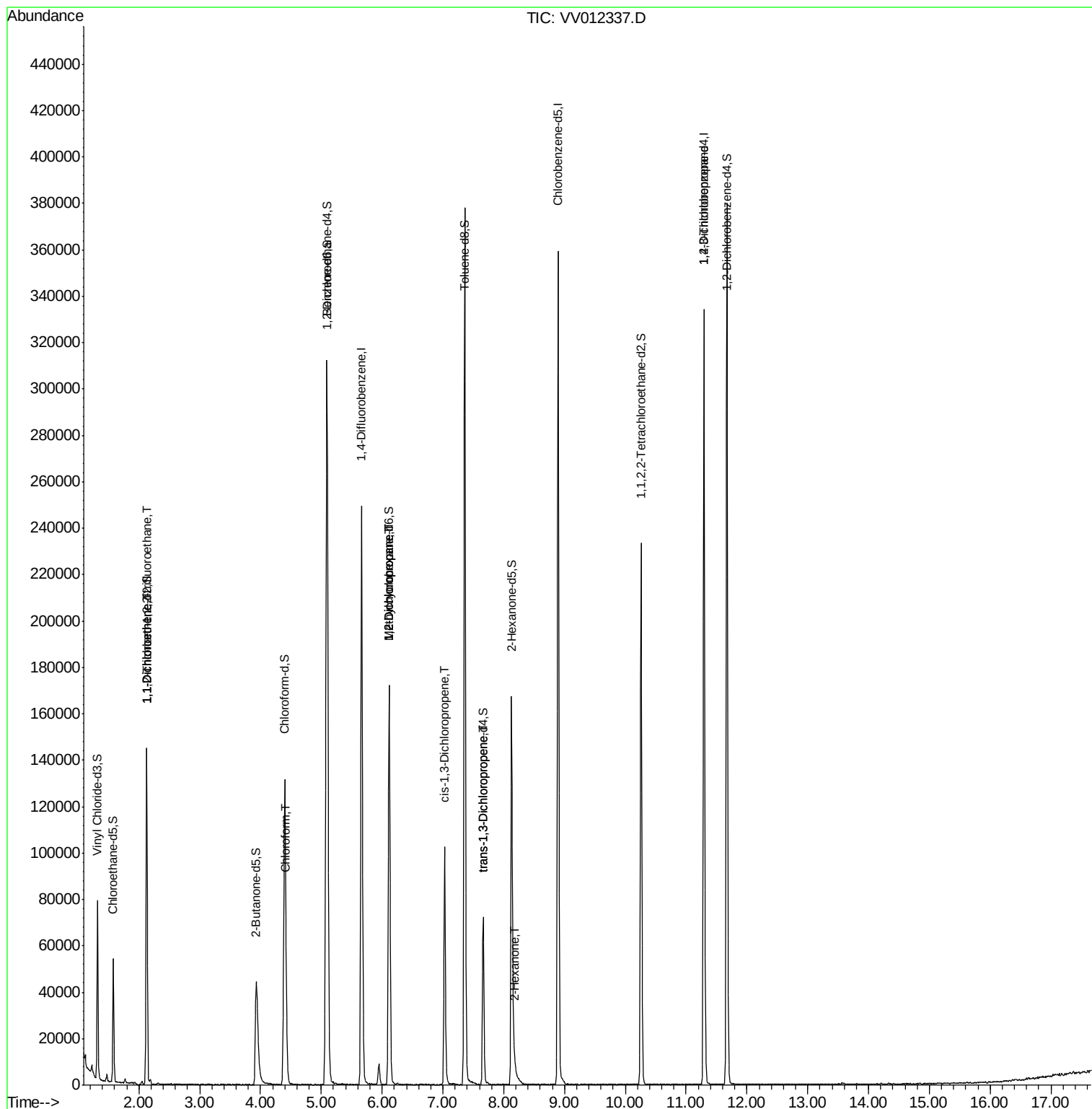
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	752	0.791	ug/L #	13
12) 1,1-Dichloroethene	2.13	96	712	0.820	ug/L #	1
25) Chloroform	4.43	83	10840	3.979	ug/L	98
35) Methylcyclohexane	6.12	83	21643	9.429	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9494	8.080	ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2847	1.305	ug/L #	77
44) trans-1,3-Dichloropropene	7.66	75	1867	0.898	ug/L	98
48) 2-Hexanone	8.18	43	2199	1.844	ug/L #	53
59) 1,2,3-Trichloropropane	11.29	75	8374	5.001	ug/L #	87

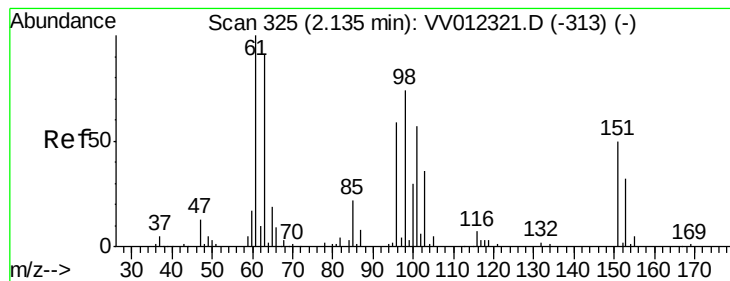
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.791 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012337.D

Acq: 22 Aug 2019 01:14

Instrument :

MSVOA_V

ClientSampleId :

F2C12

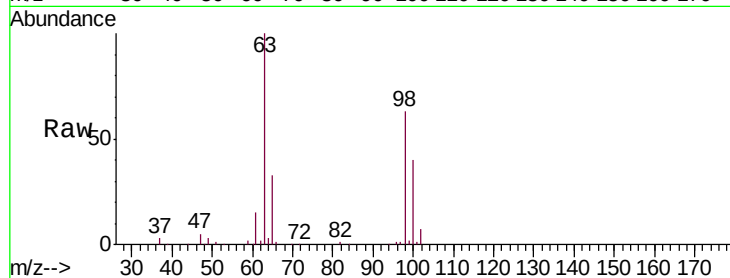
Tgt Ion: 101 Resp: 752

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

2.13

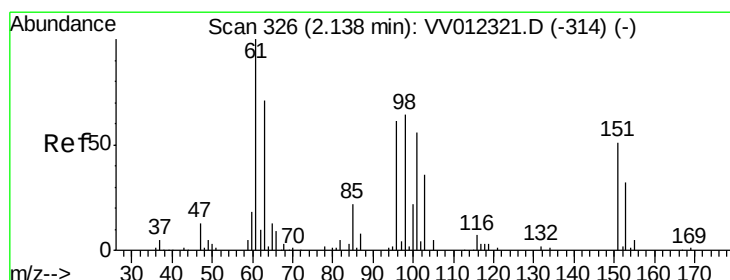
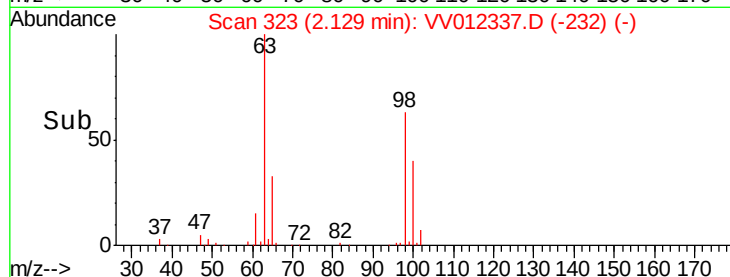
600

400

200

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.820 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012337.D

Acq: 22 Aug 2019 01:14

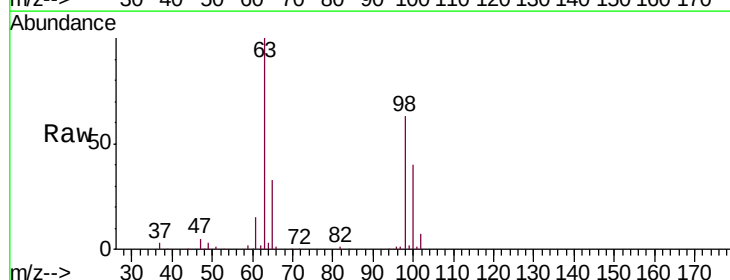
Tgt Ion: 96 Resp: 712

Ion Ratio Lower Upper

96 100

61 1341.4 122.6 227.8#

63 8981.9 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

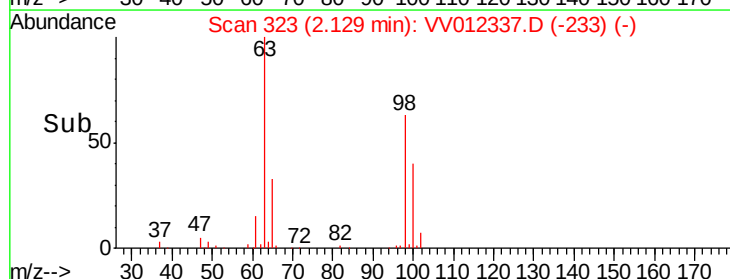
60000

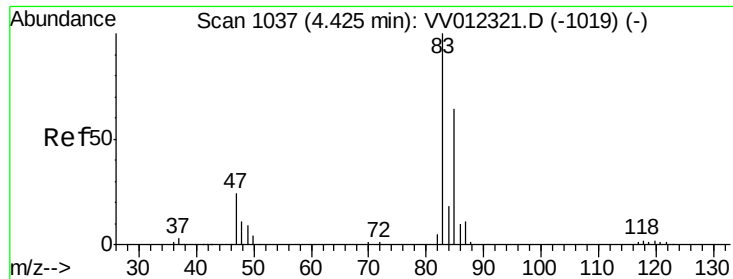
40000

20000

0

Time-->

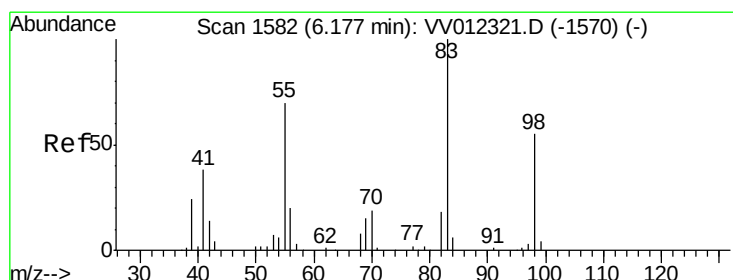
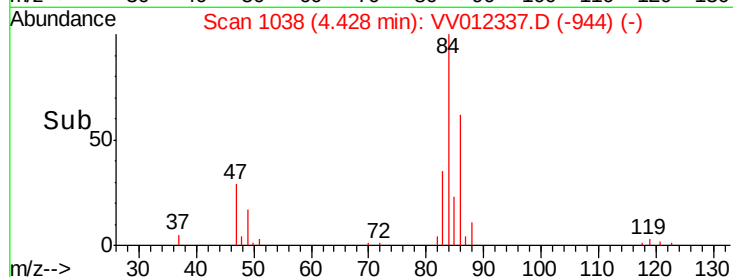
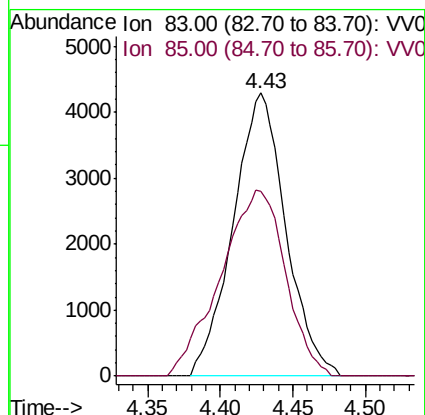
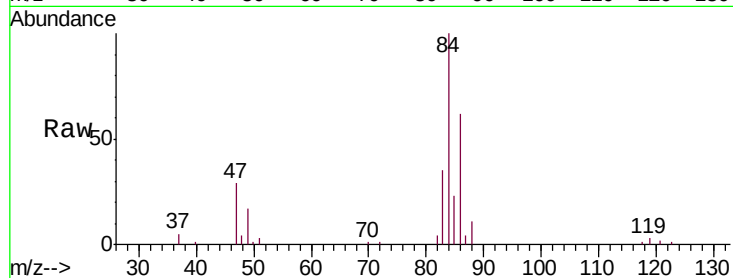




#25
Chloroform
Concen: 3.979 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012337.D
Acq: 22 Aug 2019 01:14

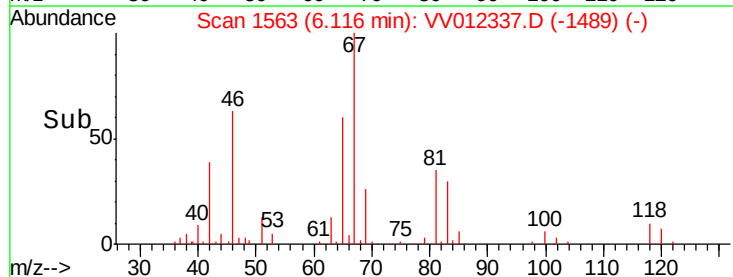
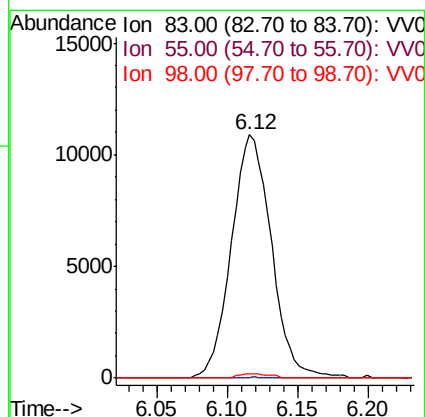
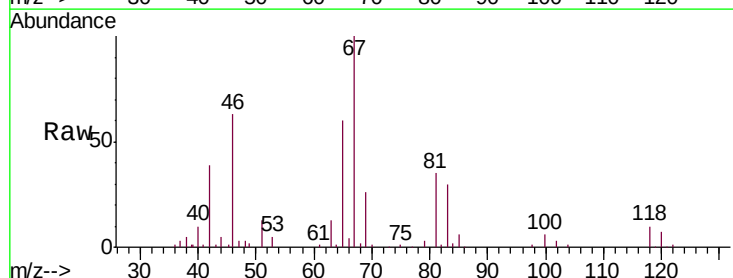
Instrument :
MSVOA_V
ClientSampleId :
F2C12

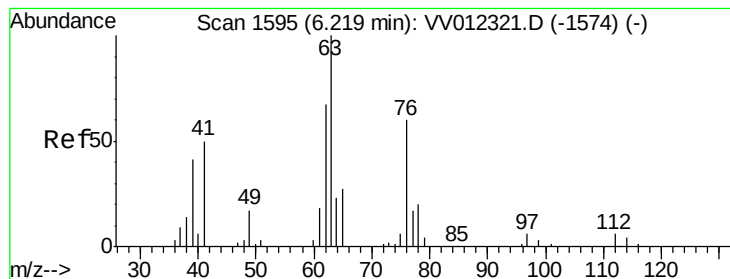
Tgt Ion: 83 Resp: 10840
Ion Ratio Lower Upper
83 100
85 65.5 44.5 82.7



#35
Methylcyclohexane
Concen: 9.429 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012337.D
Acq: 22 Aug 2019 01:14

Tgt Ion: 83 Resp: 21643
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.4#
98 1.4 42.2 63.4#





#37

1,2-Dichloropropane

Concen: 8.080 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012337.D

Acq: 22 Aug 2019 01:14

Instrument :

MSVOA_V

ClientSampled :

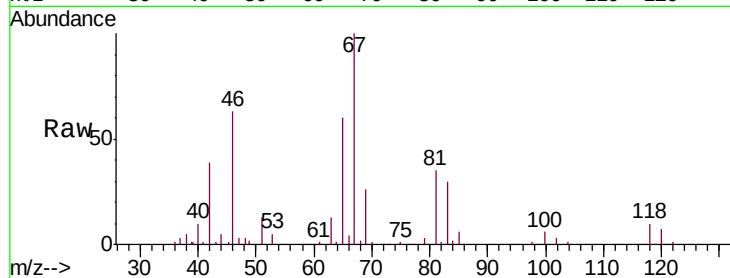
F2C12

Tgt Ion: 63 Resp: 9494

Ion Ratio Lower Upper

63 100

112 0.0 4.7 7.1#



Abundance Ion 63.00 (62.70 to 63.70): VV012321.D (-1574) (-)

Ion 112.00 (111.70 to 112.70): VV012321.D (-1574) (-)

6.12

5000

4000

3000

2000

1000

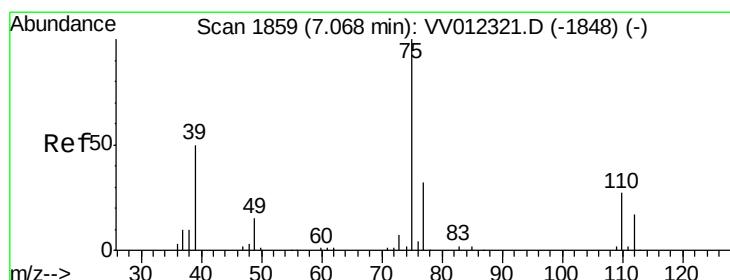
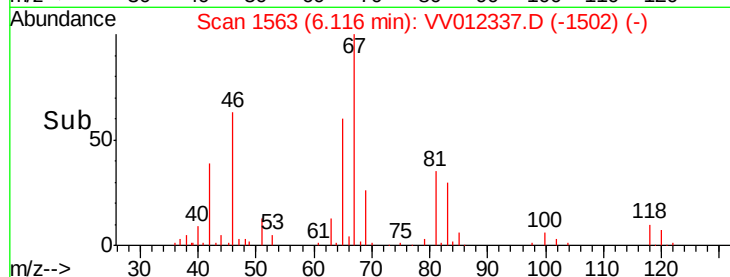
0

6.05

6.10

6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.305 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012337.D

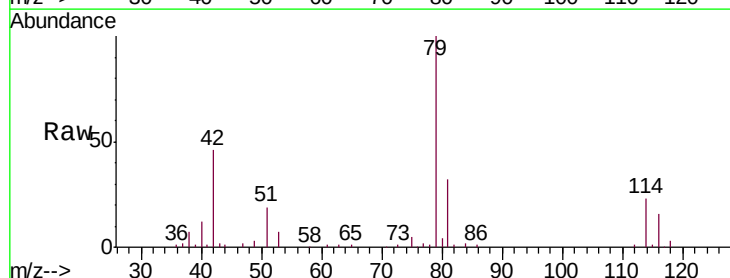
Acq: 22 Aug 2019 01:14

Tgt Ion: 75 Resp: 2847

Ion Ratio Lower Upper

75 100

77 44.9 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VV012321.D (-1848) (-)

Ion 77.00 (76.70 to 77.70): VV012321.D (-1848) (-)

7.03

2000

1500

1000

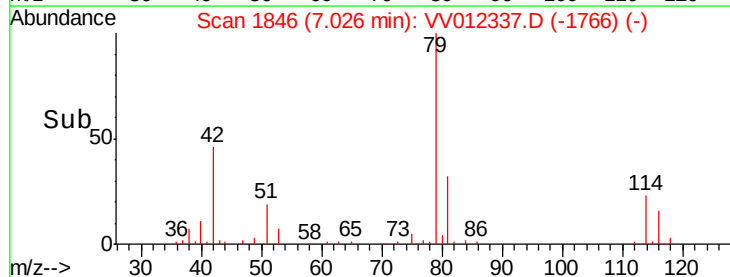
500

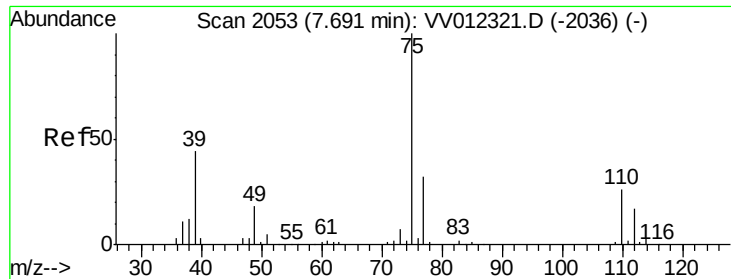
0

7.00

7.05

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.898 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV012337.D

Acq: 22 Aug 2019 01:14

Instrument :

MSVOA_V

ClientSampled :

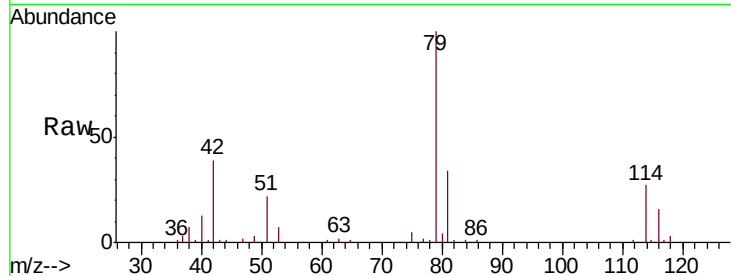
F2C12

Tgt Ion: 75 Resp: 1867

Ion Ratio Lower Upper

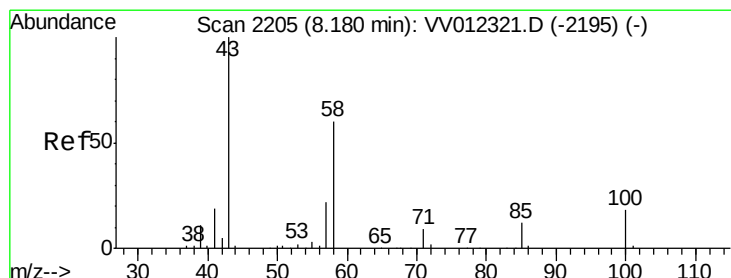
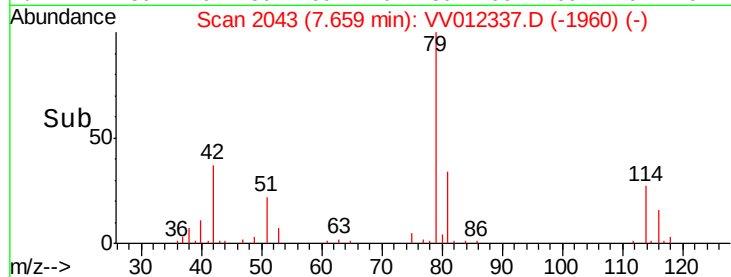
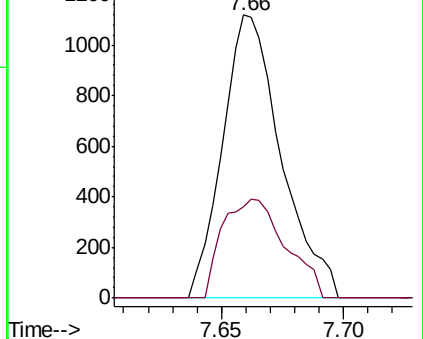
75 100

77 32.2 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 1.844 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VV012337.D

Acq: 22 Aug 2019 01:14

Tgt Ion: 43 Resp: 2199

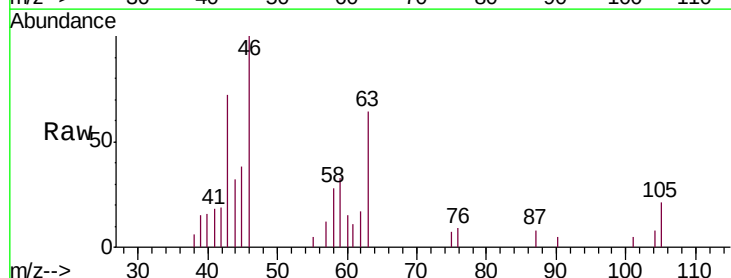
Ion Ratio Lower Upper

43 100

58 8.6 45.7 68.5#

57 23.0 16.8 25.2

100 0.0 13.7 20.5#

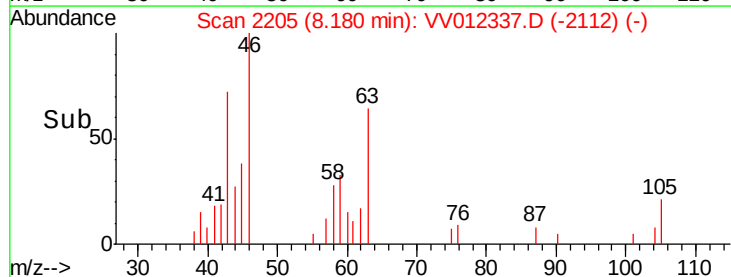
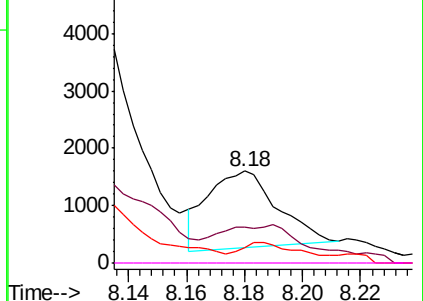


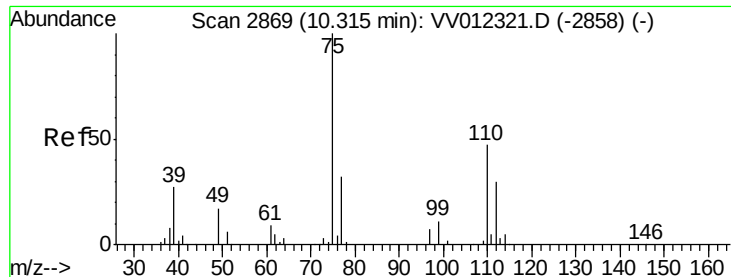
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59
 1,2,3-Trichloropropane
 Concen: 5.001 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012337.D
 Acq: 22 Aug 2019 01:14

Instrument :
 MSVOA_V
 ClientSampleId :
 F2C12

Tgt Ion: 75 Resp: 8374
 Ion Ratio Lower Upper
 75 100
 77 40.8 26.8 40.2#

