

Data File : VV011305.D
Acq On : 08 Jun 2019 00:38
Operator : SY/MD
Sample : K3026-11DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCT6DL

Quant Time: Jun 08 02:12:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 02:09:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	164940	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43882	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.55	69	39968	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.12	63	69344	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	3.94	46	151909	53.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	4.40	84	93136	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.08	65	54717	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.09	84	183095	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.11	67	58869	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.36	98	155292	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	7.66	79	17303	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	8.13	63	119156	54.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45319	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	51935	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

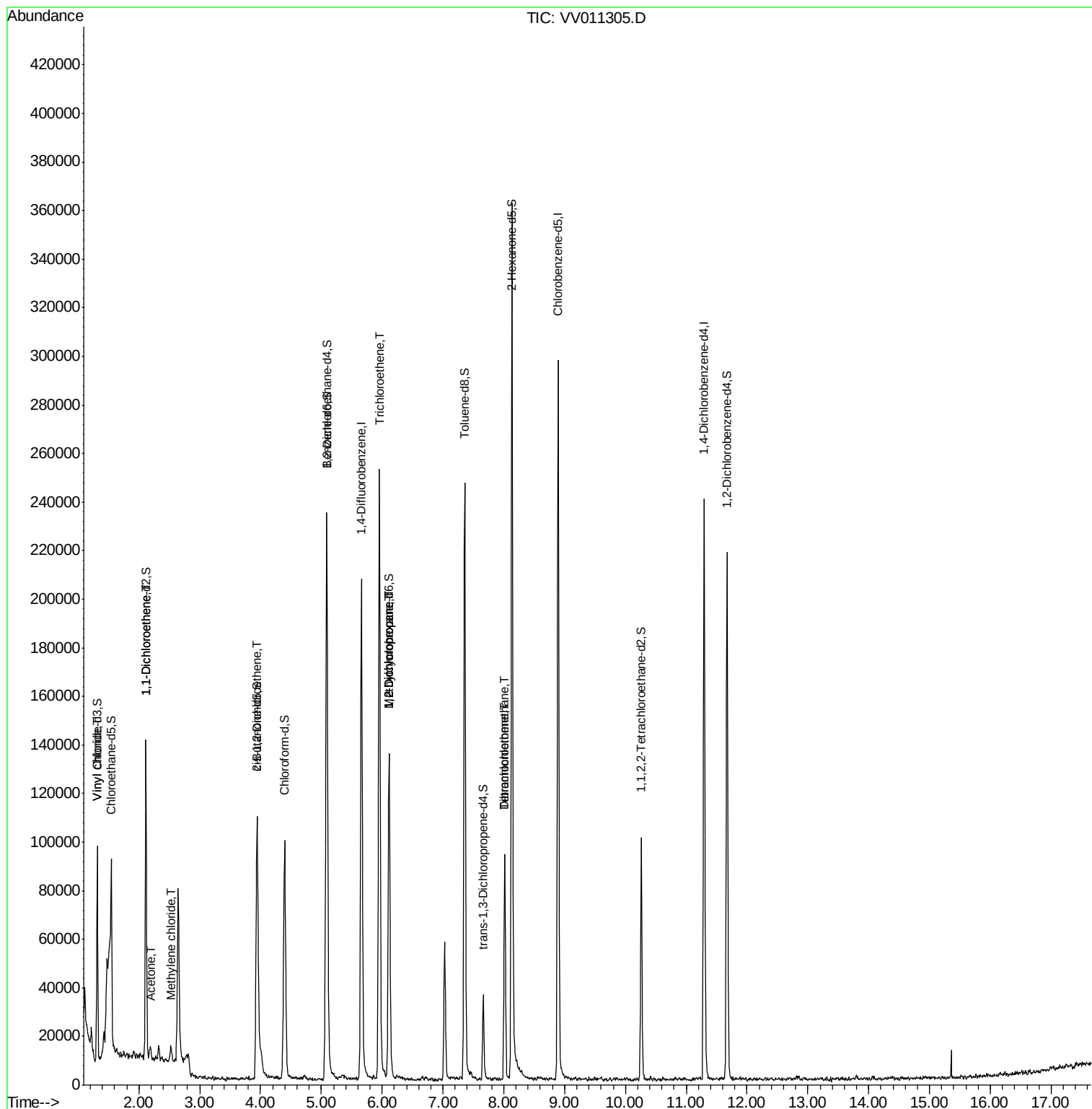
						Qvalue
5) Vinyl chloride	1.32	62	2055	0.135	ug/L #	41
12) 1,1-Dichloroethene	2.12	96	1365	0.131	ug/L #	1
13) Acetone	2.19	43	3056	1.620	ug/L	78
16) Methylene chloride	2.52	84	1891	0.177	ug/L	96
22) cis-1,2-Dichloroethene	3.95	96	6868	0.533	ug/L	88
34) Trichloroethene	5.96	95	82653	6.772	ug/L	97
35) Methylcyclohexane	6.12	83	14448	0.716	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	7684	0.653	ug/L #	87
47) Tetrachloroethene	8.02	164	19134	2.169	ug/L	94
49) Dibromochloromethane	8.02	129	16209	1.896	ug/L #	11

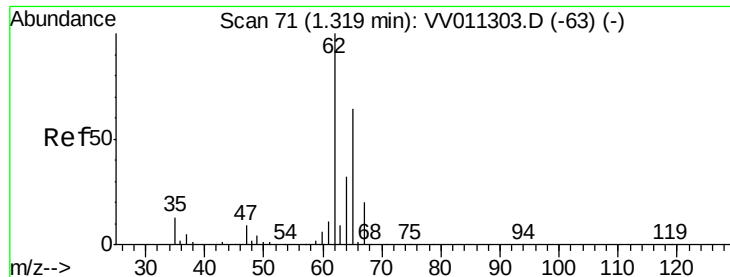
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.135 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

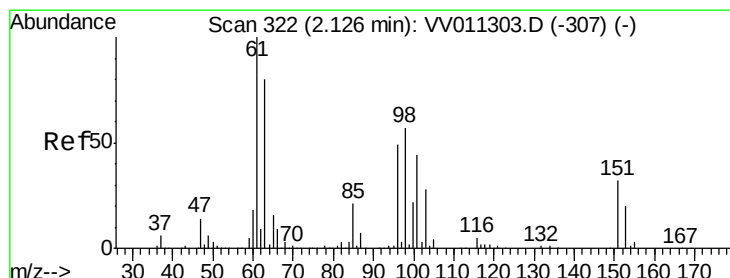
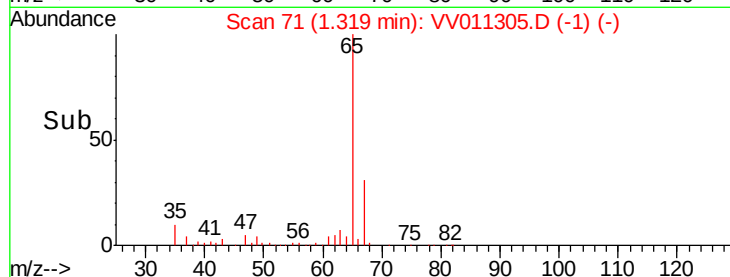
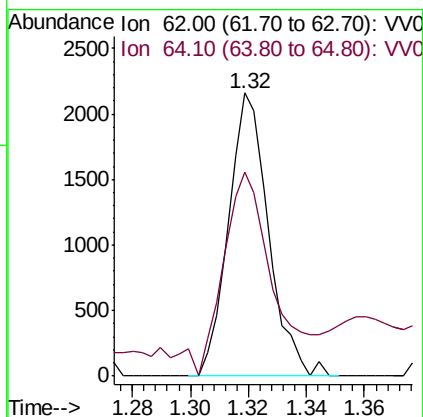
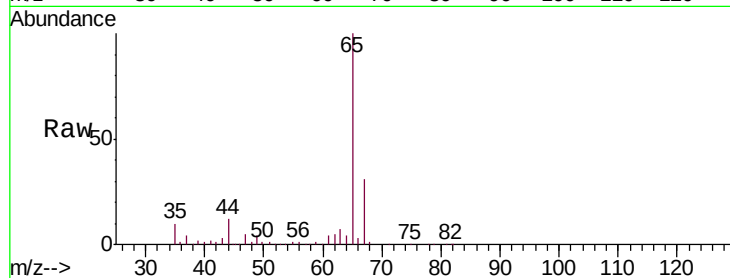
BFCT6DL

Tgt Ion: 62 Resp: 2055

Ion Ratio Lower Upper

62 100

64 71.9 25.9 48.1#



#12

1,1-Dichloroethene

Concen: 0.131 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV011305.D

Acq: 08 Jun 2019 00:38

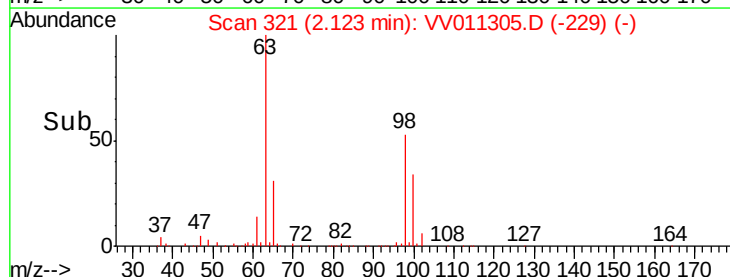
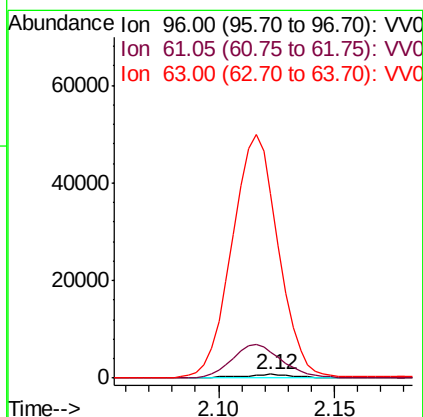
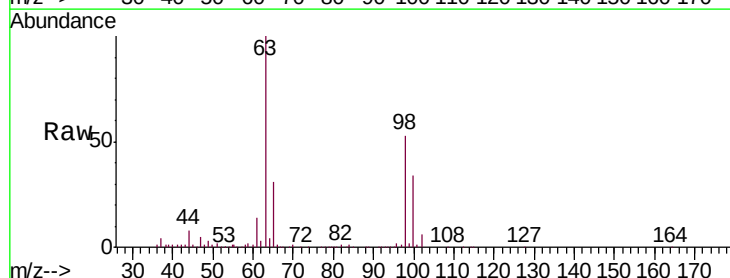
Tgt Ion: 96 Resp: 1365

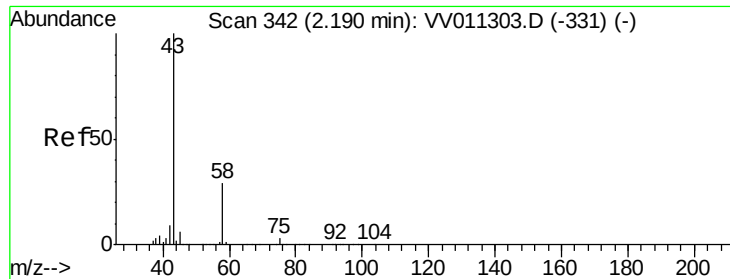
Ion Ratio Lower Upper

96 100

61 724.0 139.8 259.6#

63 5030.1 94.3 175.1#





#13

Acetone

Concen: 1.620 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

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Acq: 08 Jun 2019 00:38

Instrument :

MSVOA_V

ClientSampleId :

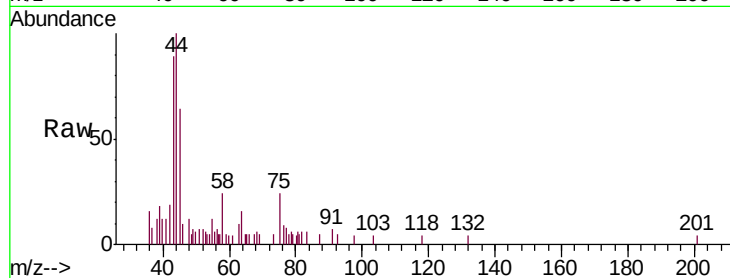
BFCT6DL

Tgt Ion: 43 Resp: 3056

Ion Ratio Lower Upper

43 100

58 39.3 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

2000

1500

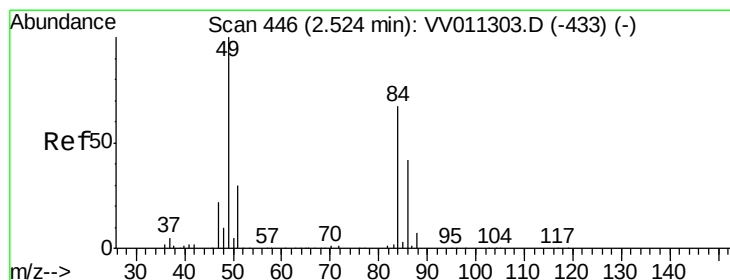
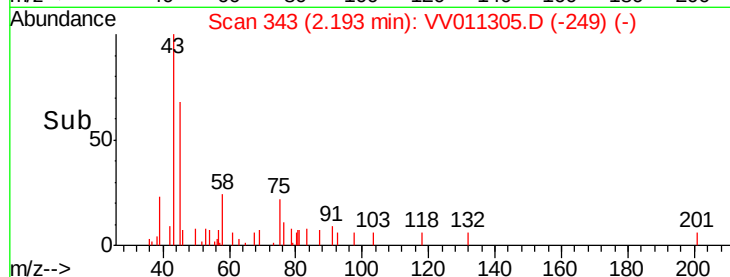
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 0.177 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV011305.D

Acq: 08 Jun 2019 00:38

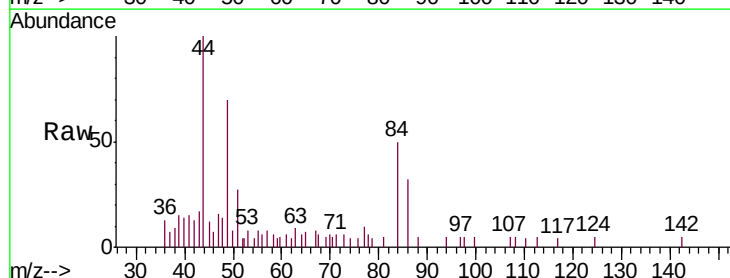
Tgt Ion: 84 Resp: 1891

Ion Ratio Lower Upper

84 100

86 64.6 44.9 83.3

49 139.6 102.1 189.5



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

2.52

2000

1500

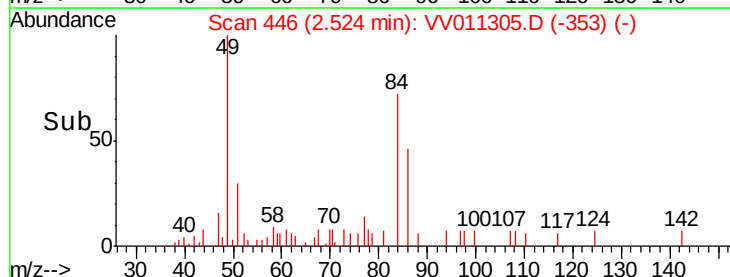
1000

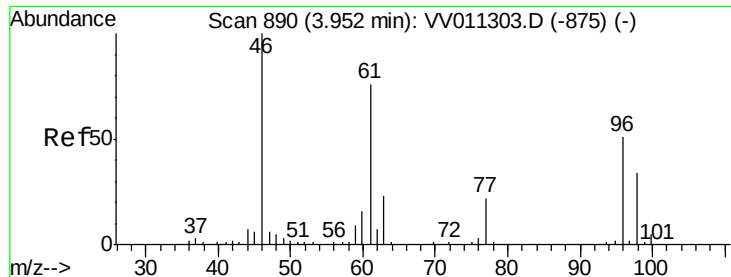
500

0

2.50 2.55

Time-->



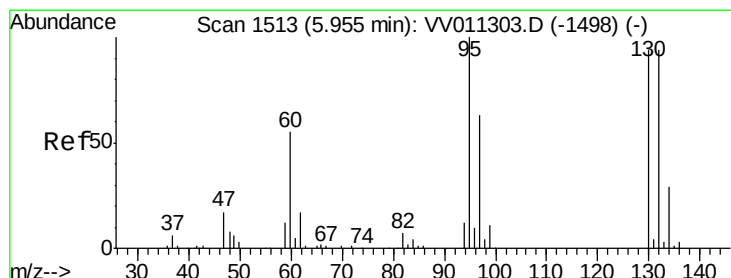
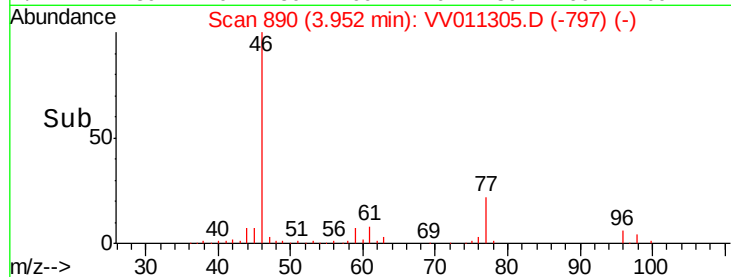
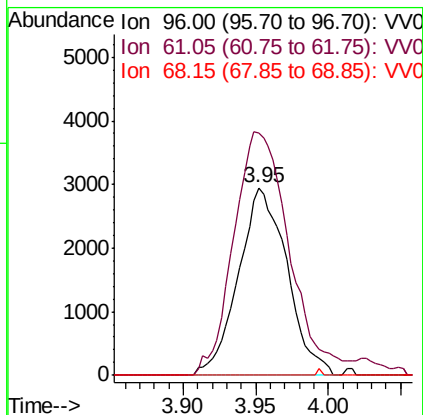
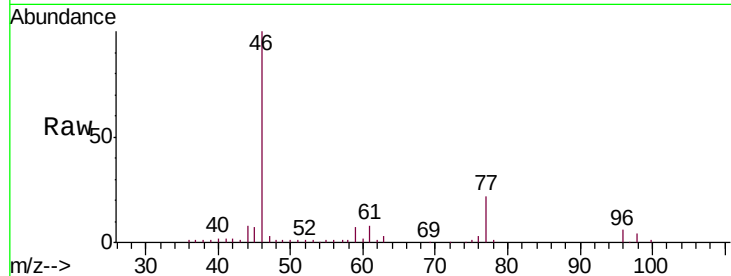


#22

cis-1,2-Dichloroethene
Concen: 0.533 ug/L
RT: 3.95 min Scan# 890
Delta R.T. 0.00 min
Lab File: VV011305.D
Acq: 08 Jun 2019 00:38

Instrument :
MSVOA_V
ClientSampleId :
BFCT6DL

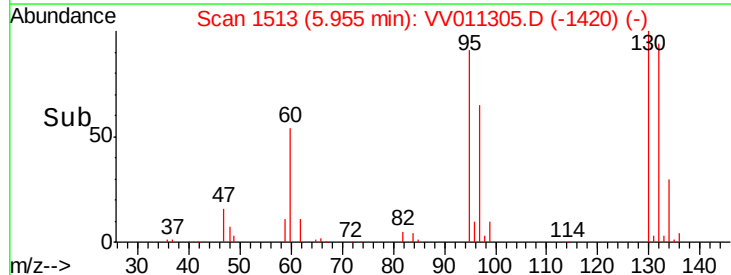
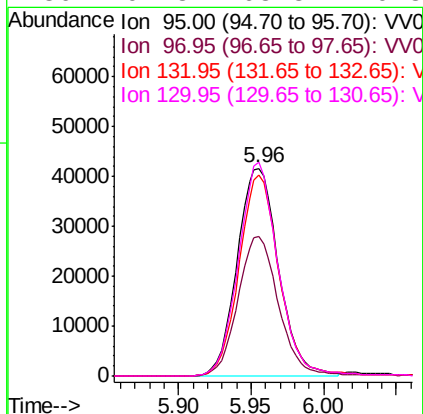
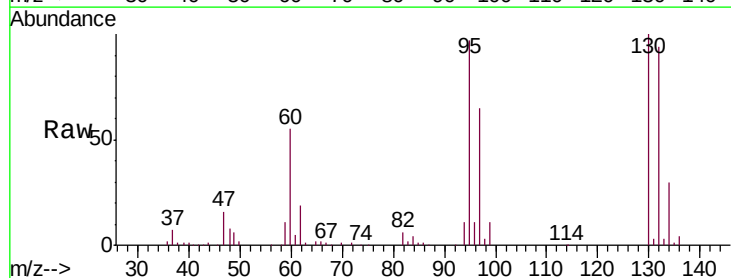
Tgt Ion: 96 Resp: 6868
Ion Ratio Lower Upper
96 100
61 129.3 100.8 187.2
68 0.0 0.0 0.0

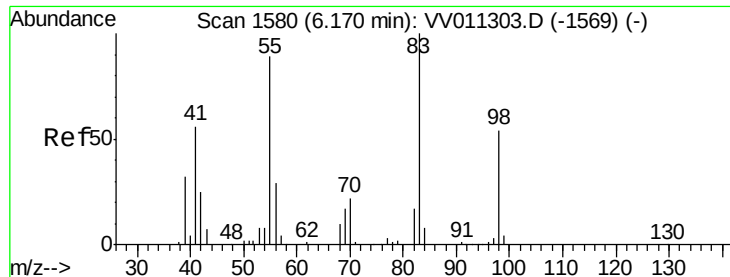


#34

Trichloroethene
Concen: 6.772 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011305.D
Acq: 08 Jun 2019 00:38

Tgt Ion: 95 Resp: 82653
Ion Ratio Lower Upper
95 100
97 67.0 45.8 85.2
132 96.6 66.4 123.2
130 102.8 68.3 126.8

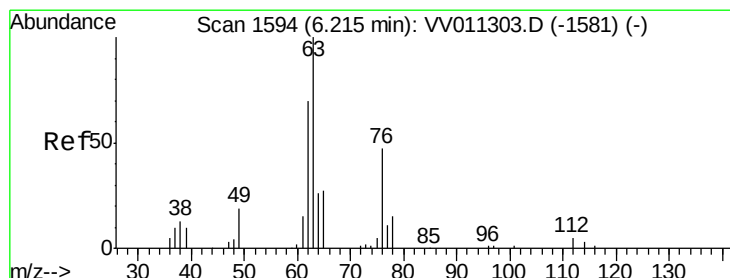
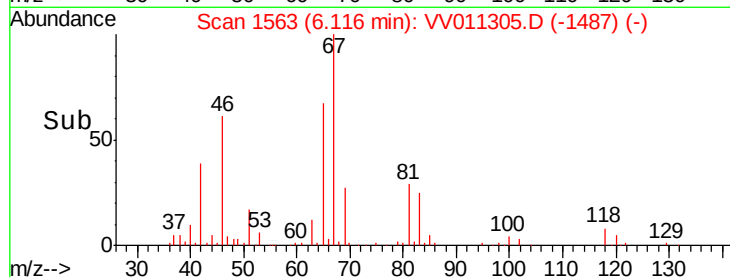
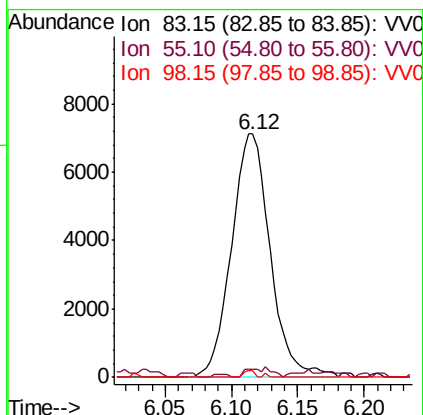
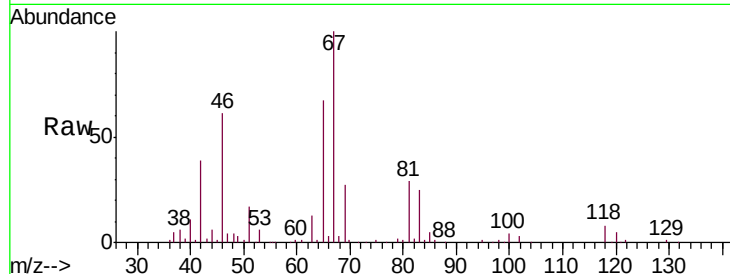




#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011305.D
Acq: 08 Jun 2019 00:38

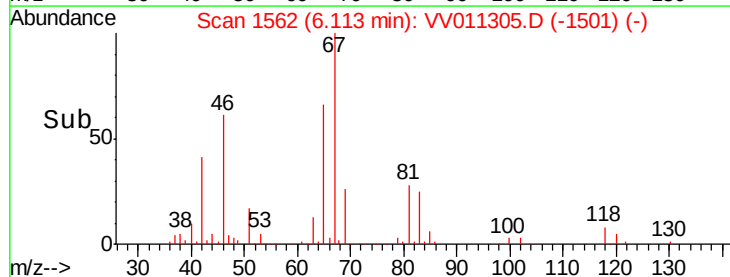
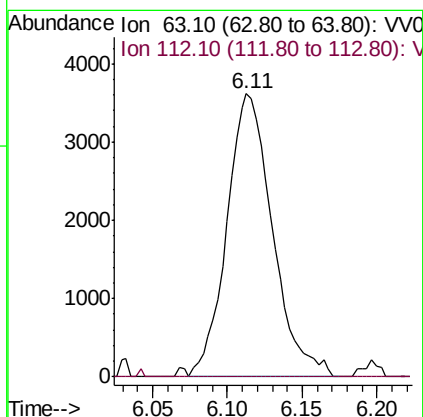
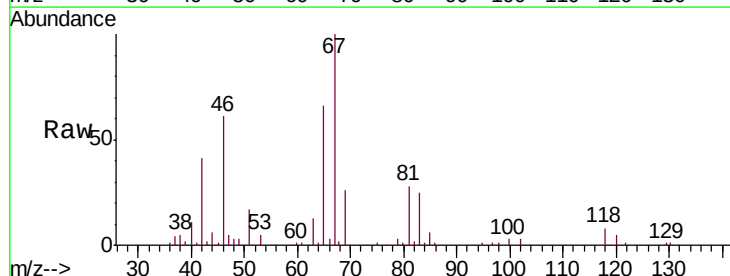
Instrument :
MSVOA_V
ClientSampleId :
BFCT6DL

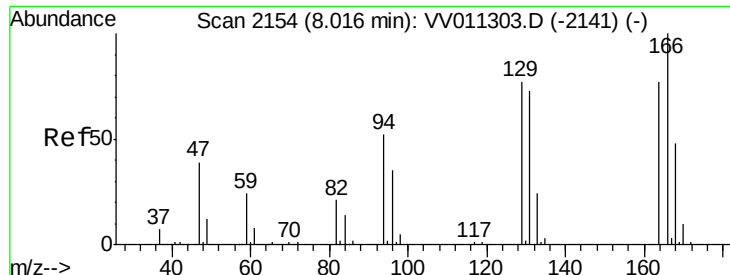
Tgt Ion: 83 Resp: 14448
Ion Ratio Lower Upper
83 100
55 1.5 67.0 100.6#
98 0.8 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV011305.D
Acq: 08 Jun 2019 00:38

Tgt Ion: 63 Resp: 7684
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#





#47

Tetrachloroethene

Concen: 2.169 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV011305.D

Acq: 08 Jun 2019 00:38

Instrument :

MSVOA_V

ClientSampleId :

BFCT6DL

Tgt Ion:164 Resp: 19134

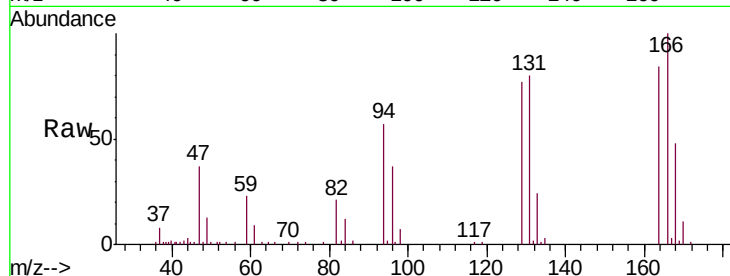
Ion Ratio Lower Upper

164 100

129 91.1 69.9 129.9

131 94.5 66.8 124.2

166 118.8 90.2 167.6



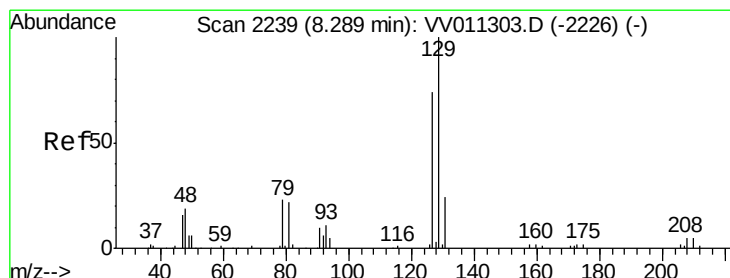
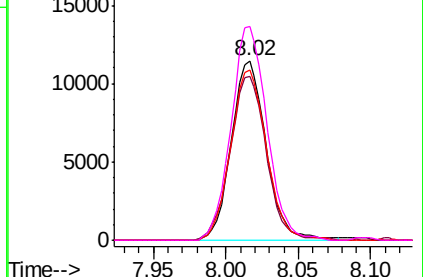
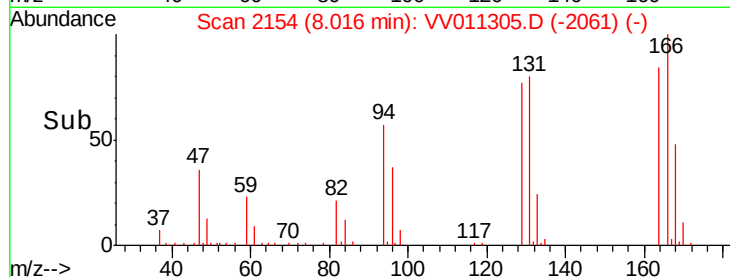
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

Time-->



#49

Dibromochloromethane

Concen: 1.896 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV011305.D

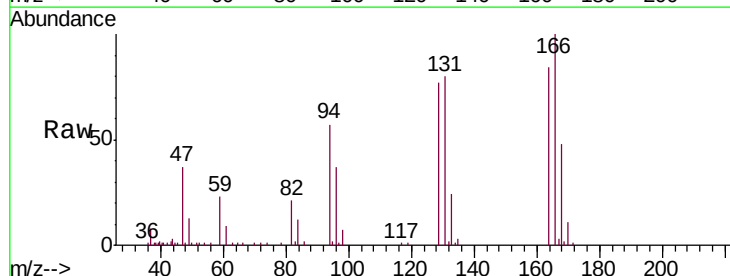
Acq: 08 Jun 2019 00:38

Tgt Ion:129 Resp: 16209

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

Time-->

