

Data File : VV011582.D
Acq On : 18 Jun 2019 18:36
Operator : SY/MD
Sample : K3289-14DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCL1DL

Quant Time: Jun 19 02:13:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152405	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	50032	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	40361	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.12	63	82030	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.96	46	191383	59.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.22%
24) Chloroform-d	4.40	84	115831	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.08	65	71091	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.09	84	225116	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	73370	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.36	98	186593	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.67	79	22744	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.14	63	143186	55.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52123	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	61601	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

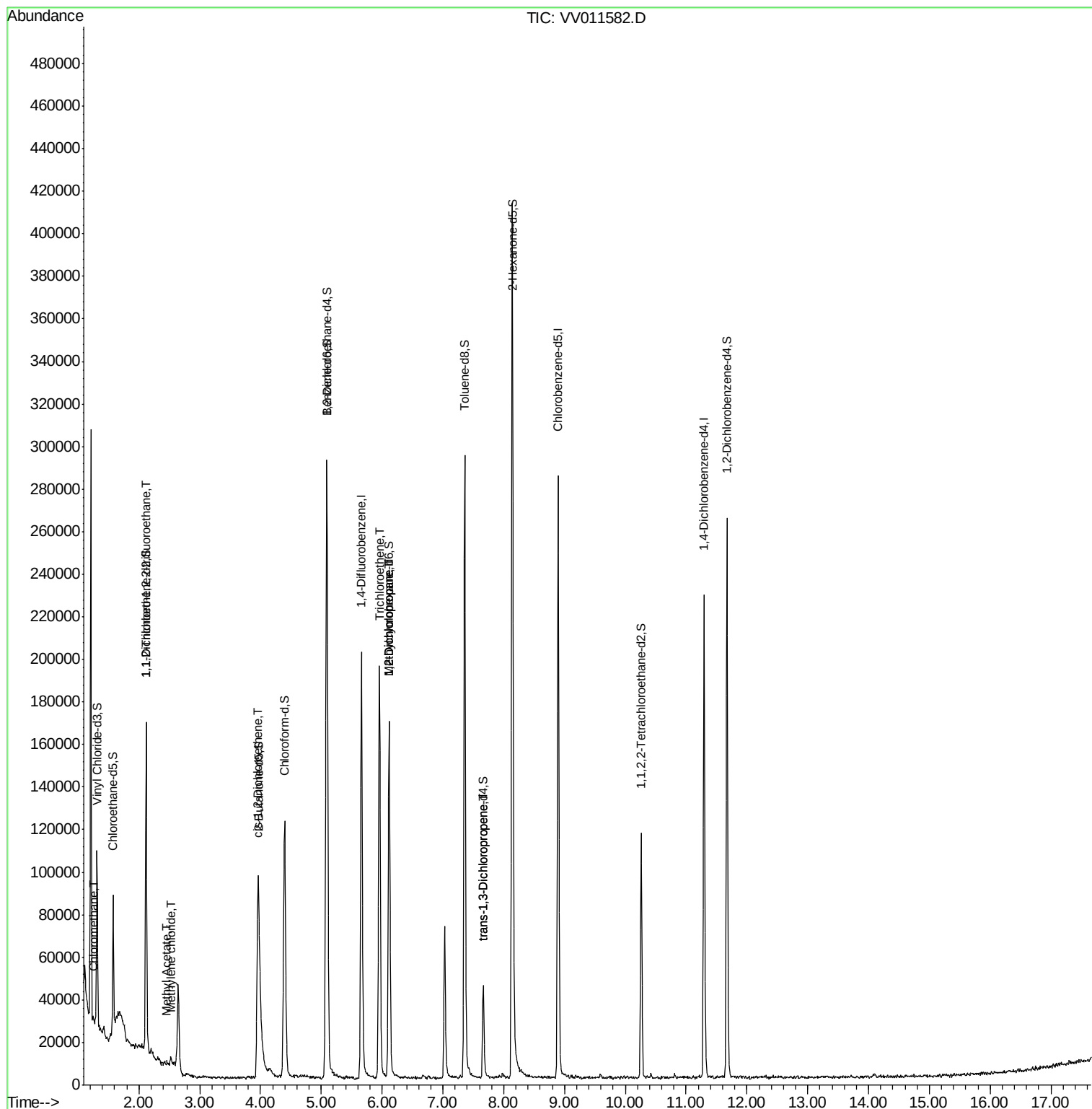
						Qvalue
3) Chloromethane	1.25	50	1911	0.130	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	854	0.093	ug/L #	22
15) Methyl Acetate	2.46	43	845	0.146	ug/L #	89
16) Methylene chloride	2.53	84	1459	0.135	ug/L	88
22) cis-1,2-Dichloroethene	3.95	96	1442	0.119	ug/L	80
34) Trichloroethene	5.96	95	66282	5.575	ug/L	96
35) Methylcyclohexane	6.12	83	18047	1.065	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9337	0.752	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1248	0.104	ug/L #	71

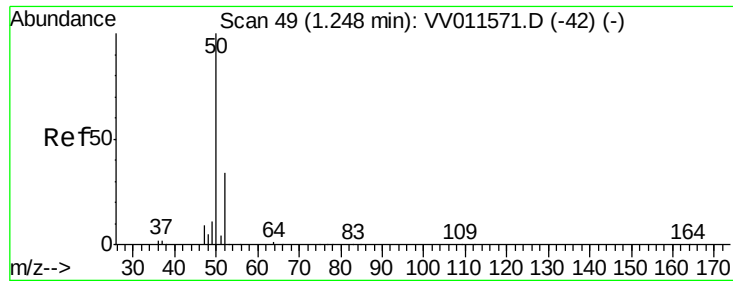
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.130 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011582.D

Acq: 18 Jun 2019 18:36

Instrument :

MSVOA_V

ClientSampleId :

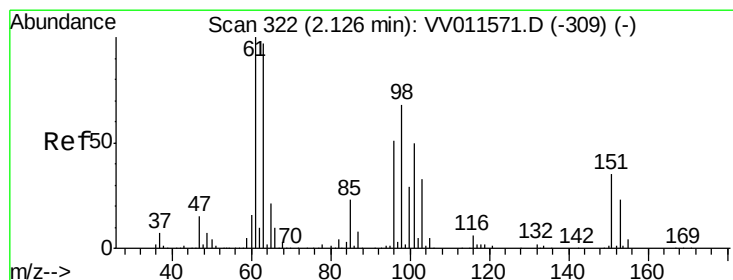
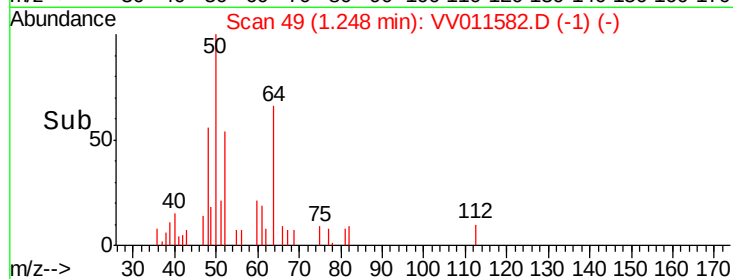
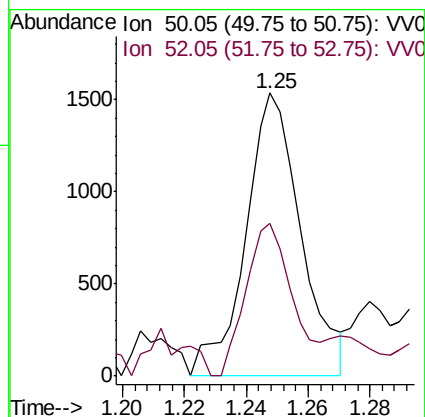
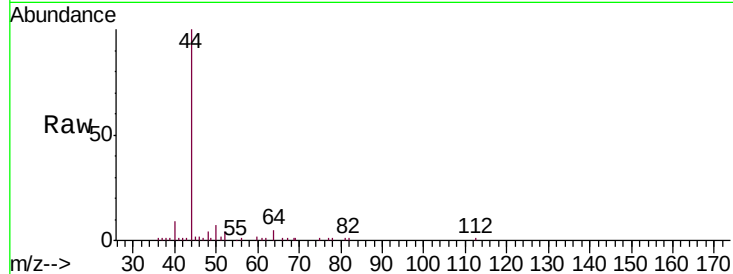
BFCL1DL

Tgt Ion: 50 Resp: 1911

Ion Ratio Lower Upper

50 100

52 54.2 22.7 42.1#



#10

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

Concen: 0.093 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV011582.D

Acq: 18 Jun 2019 18:36

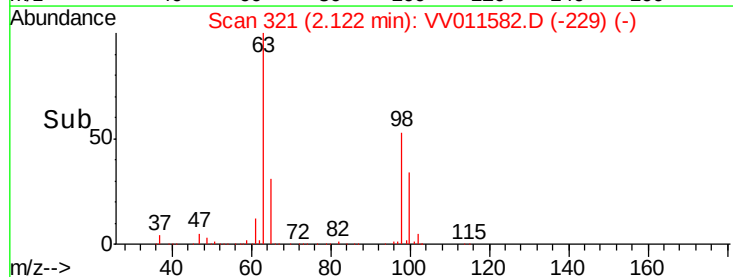
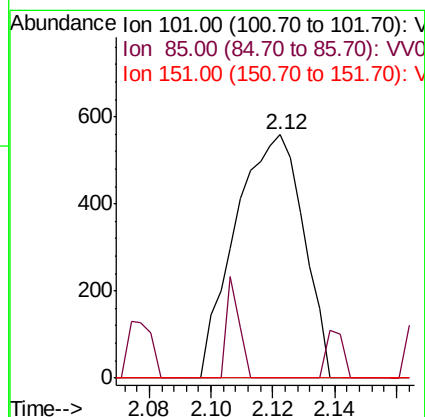
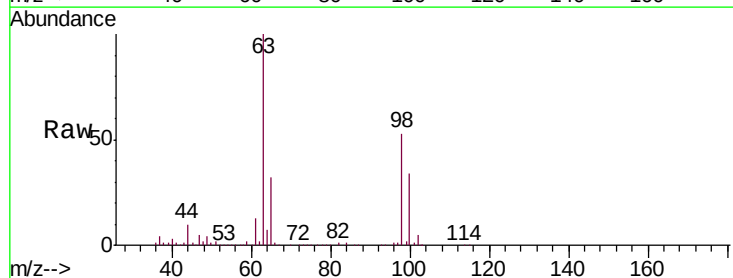
Tgt Ion: 101 Resp: 854

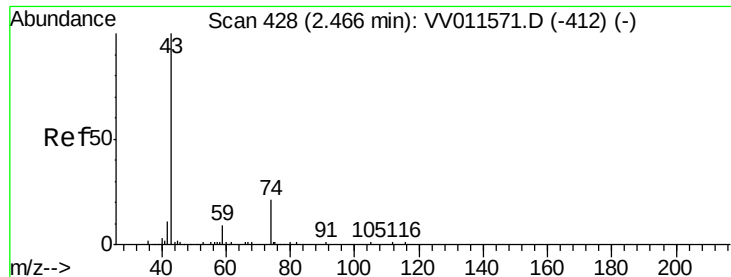
Ion Ratio Lower Upper

101 100

85 4.7 37.3 55.9#

151 0.0 59.4 89.2#

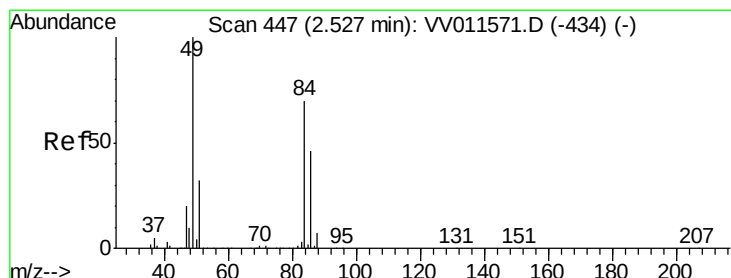
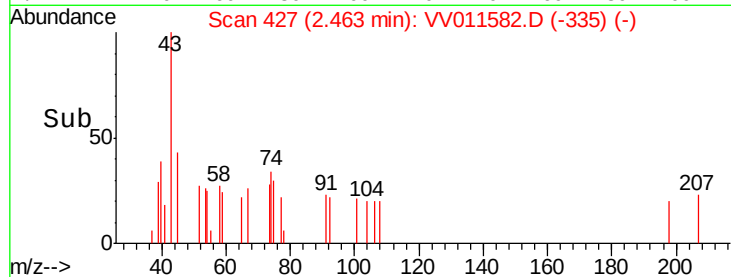
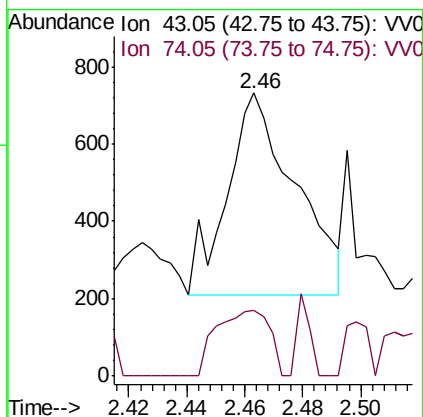
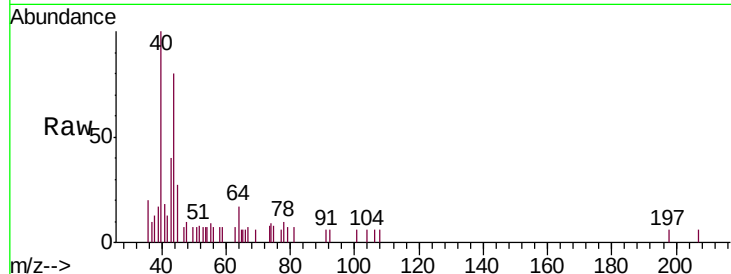




#15
Methyl Acetate
Concen: 0.146 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VV011582.D
Acq: 18 Jun 2019 18:36

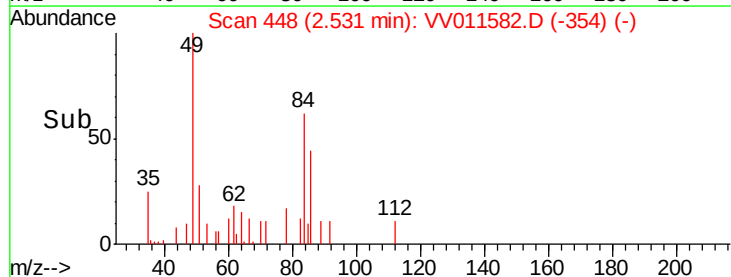
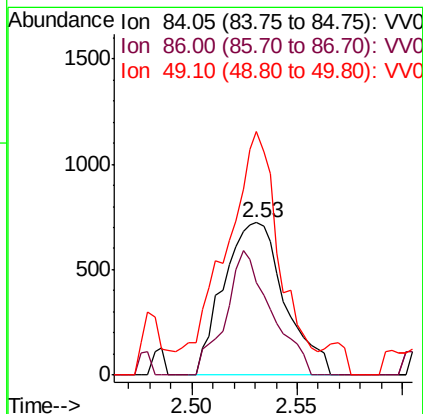
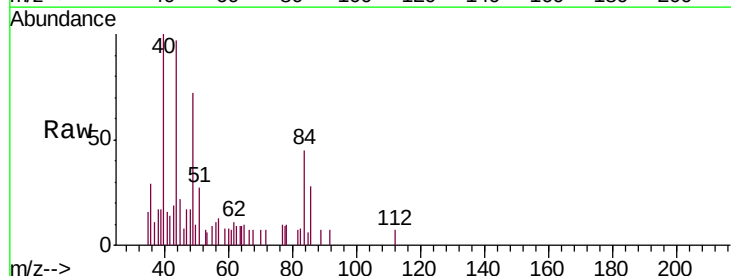
Instrument :
MSVOA_V
ClientSampleId :
BFCL1DL

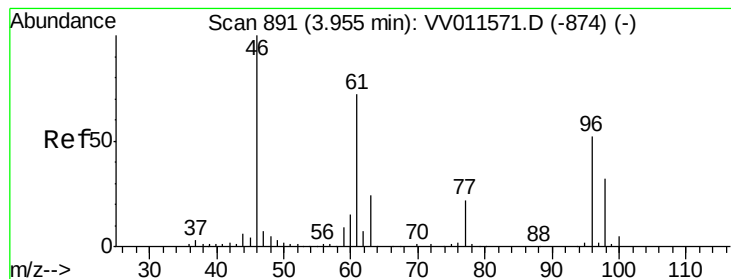
Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
74 25.6 16.5 24.7#



#16
Methylene chloride
Concen: 0.135 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011582.D
Acq: 18 Jun 2019 18:36

Tgt Ion: 84 Resp: 1459
Ion Ratio Lower Upper
84 100
86 61.1 42.5 78.9
49 160.0 97.7 181.5





#22

cis-1,2-Dichloroethene

Concen: 0.119 ug/L

RT: 3.95 min Scan# 889

Delta R.T. -0.01 min

Lab File: VV011582.D

Acq: 18 Jun 2019 18:36

Instrument :

MSVOA_V

ClientSampled :

BFCL1DL

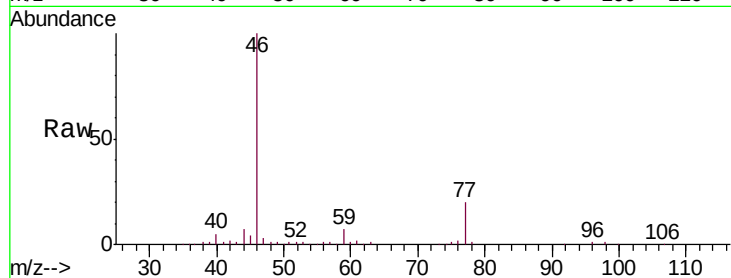
Tgt Ion: 96 Resp: 1442

Ion Ratio Lower Upper

96 100

61 121.5 102.2 189.8

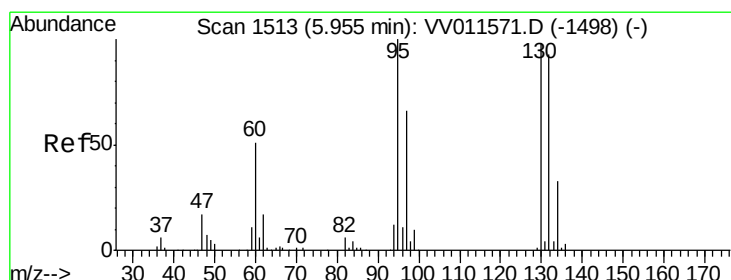
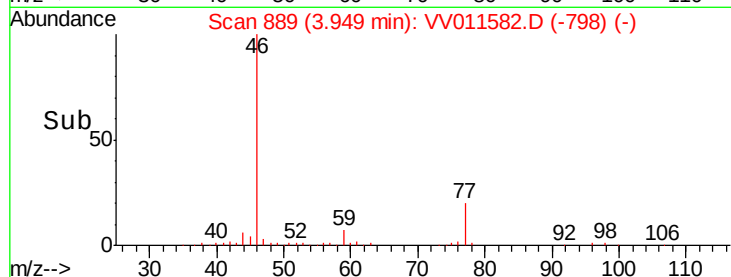
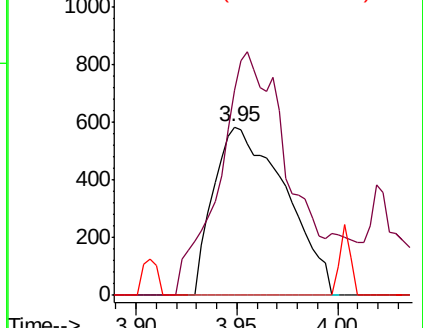
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011571.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VV011571.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VV011571.D (-874) (-)



#34

Trichloroethene

Concen: 5.575 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011582.D

Acq: 18 Jun 2019 18:36

Tgt Ion: 95 Resp: 66282

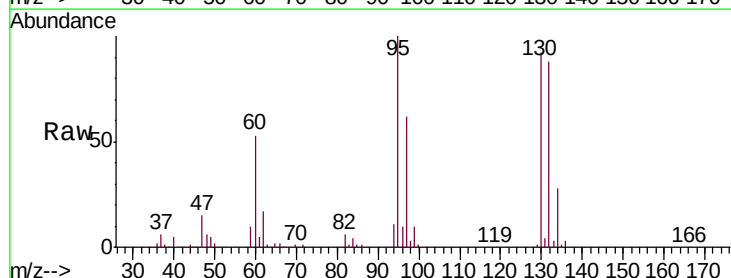
Ion Ratio Lower Upper

95 100

97 61.7 44.4 82.4

132 88.3 63.5 117.9

130 92.1 68.5 127.3

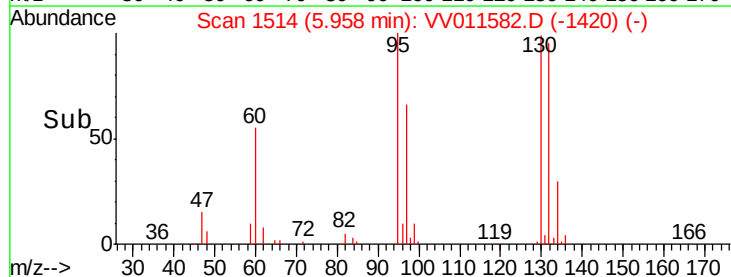
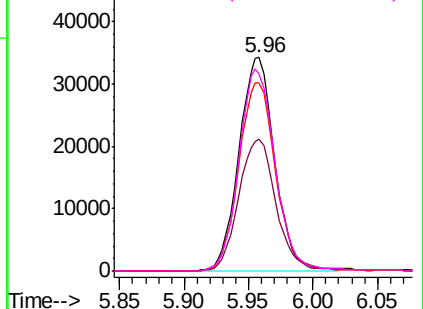


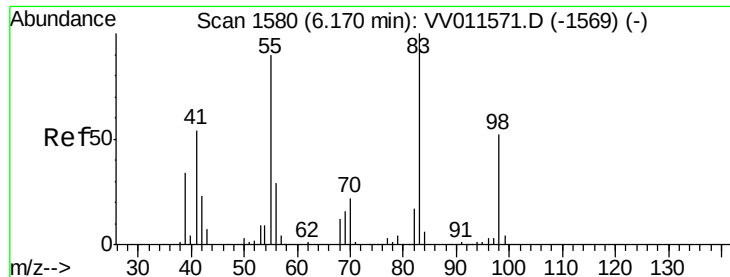
Abundance Ion 95.00 (94.70 to 95.70): VV011571.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV011571.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV011571.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV011571.D (-1498) (-)

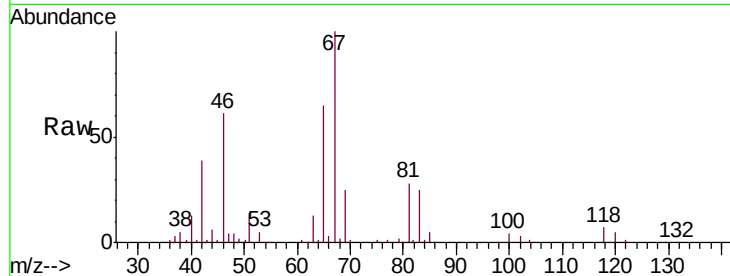




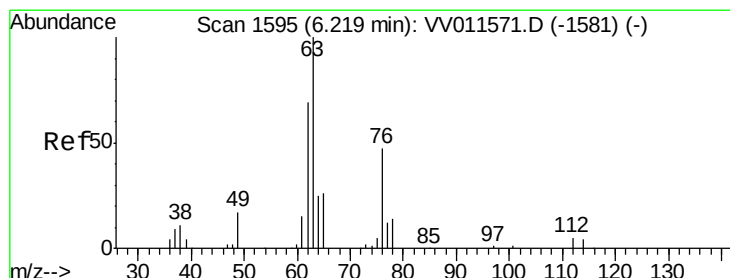
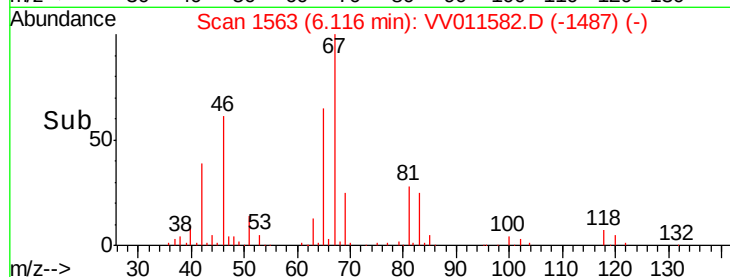
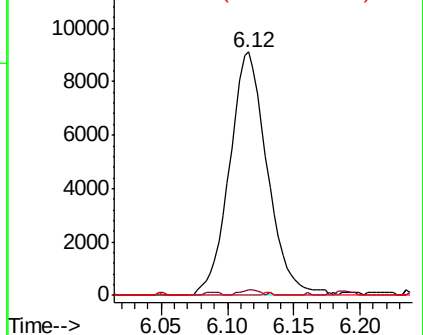
#35
Methylcyclohexane
Concen: 1.065 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011582.D
Acq: 18 Jun 2019 18:36

Instrument :
MSVOA_V
ClientSampled :
BFCL1DL

Tgt Ion: 83 Resp: 18047
Ion Ratio Lower Upper
83 100
55 1.2 67.9 101.9#
98 0.2 39.6 59.4#

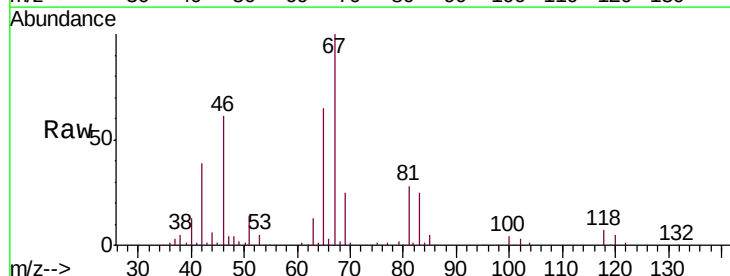


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

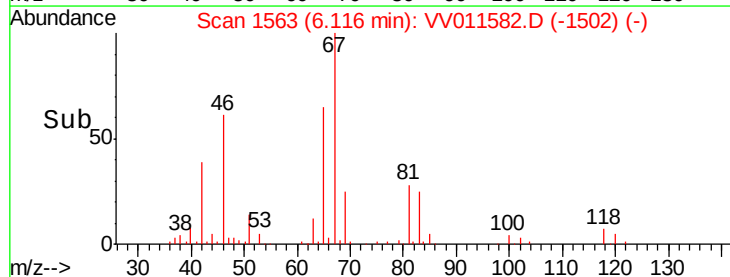
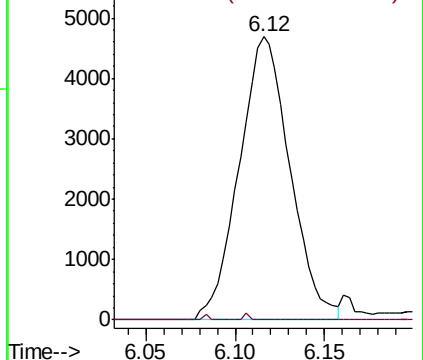


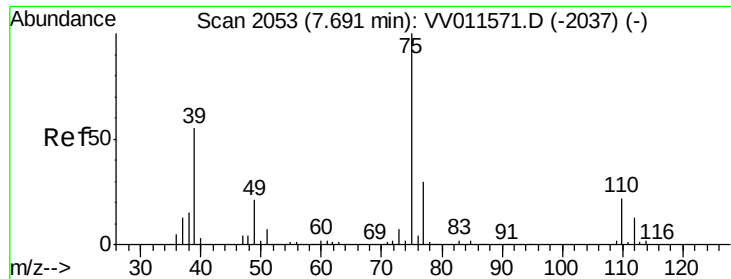
#37
1,2-Dichloropropane
Concen: 0.752 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011582.D
Acq: 18 Jun 2019 18:36

Tgt Ion: 63 Resp: 9337
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011582.D

Acq: 18 Jun 2019 18:36

Instrument :

MSVOA_V

ClientSampleId :

BFCL1DL

Tgt Ion: 75 Resp: 1248

Ion Ratio Lower Upper

75 100

77 48.7 22.8 42.4#

