

Data File : VV011558.D
Acq On : 17 Jun 2019 18:40
Operator : SY/MD
Sample : K3289-15DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCL4

Quant Time: Jun 18 08:46:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 18 08:42:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	183921	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	168048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66189	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45183	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.58	69	37353	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.12	63	77250	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.95	46	191299	48.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.40	84	117967	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.08	65	70157	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.09	84	225747	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	74088	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	192420	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.66	79	22312	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	147002	48.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53021	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	64518	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

						Qvalue
3) Chloromethane	1.25	50	1643	0.092	ug/L	89
5) Vinyl chloride	1.21	62	1775	0.101	ug/L	85
8) Chloroethane	1.58	64	1731	0.204	ug/L #	69
22) cis-1,2-Dichloroethene	3.96	96	2041	0.139	ug/L	97
34) Trichloroethene	5.96	95	81445	5.819	ug/L	99
35) Methylcyclohexane	6.12	83	17891	0.896	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9559	0.654	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1394	0.099	ug/L #	78

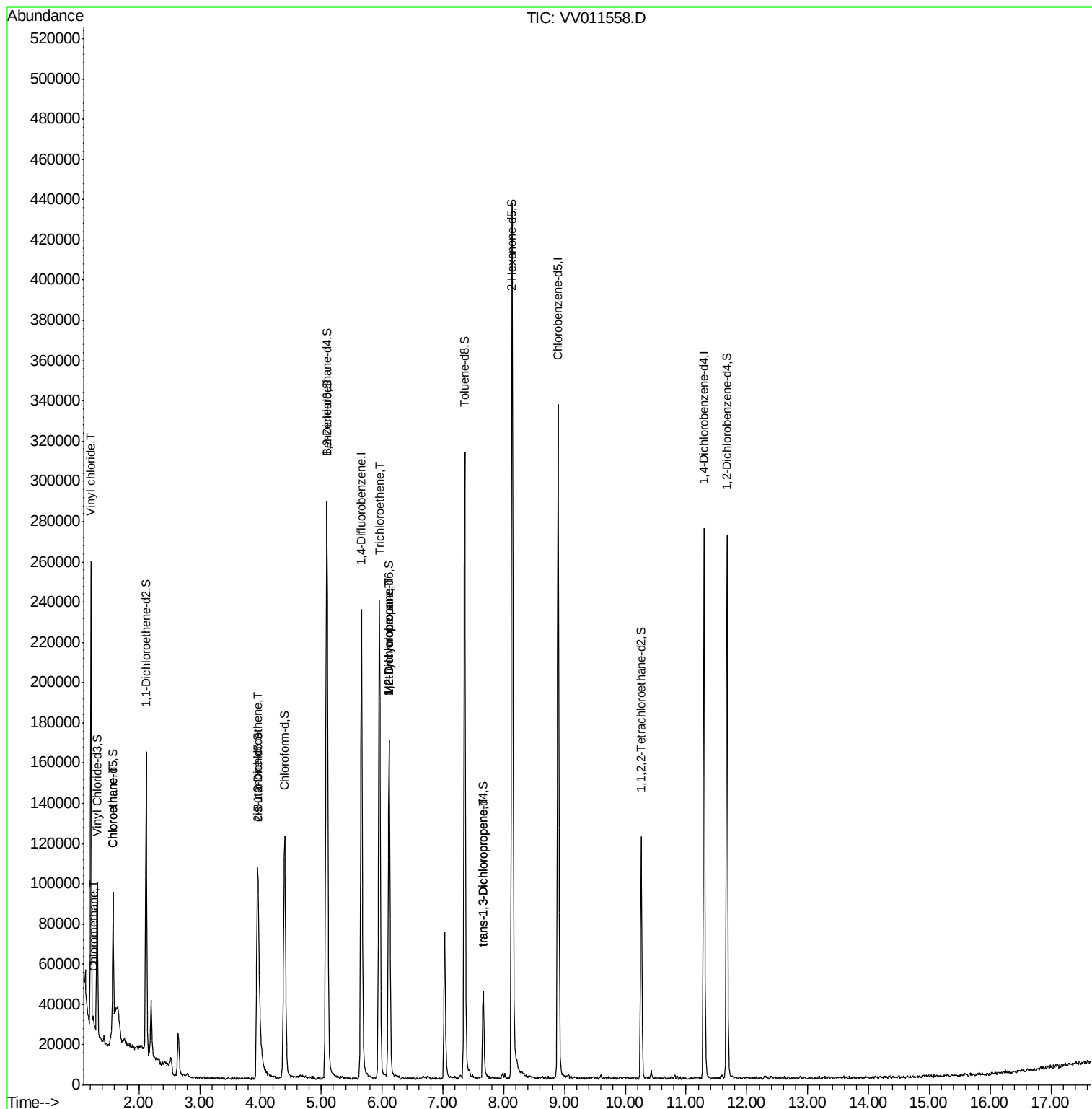
(#) = qualifier out of range (m) = manual integration (+) = signals summed

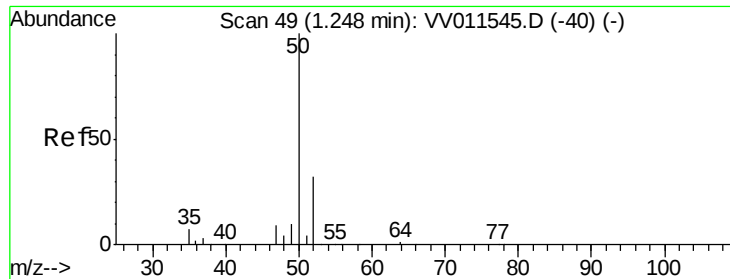
Data File : VV011558.D

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.092 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011558.D

Acq: 17 Jun 2019 18:40

Instrument :

MSVOA_V

ClientSampleId :

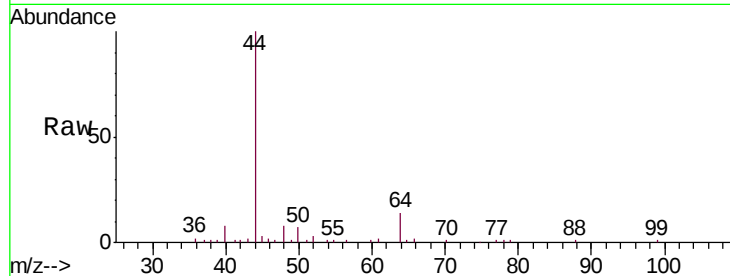
BFCL4

Tgt Ion: 50 Resp: 1643

Ion Ratio Lower Upper

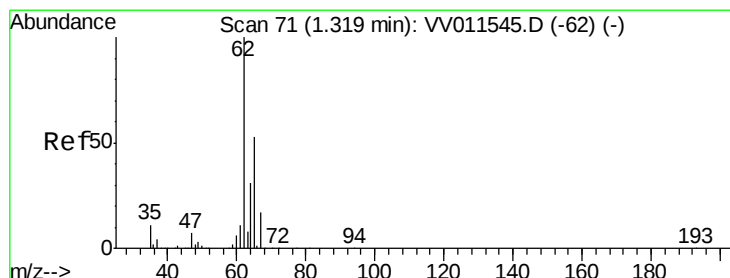
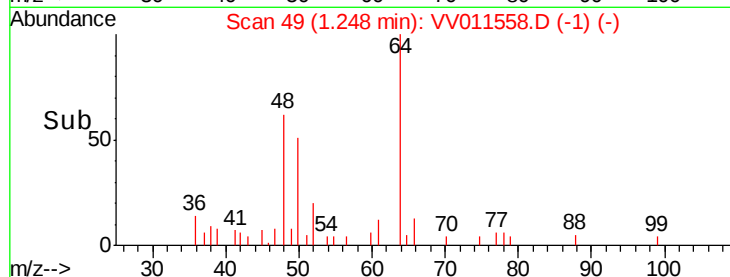
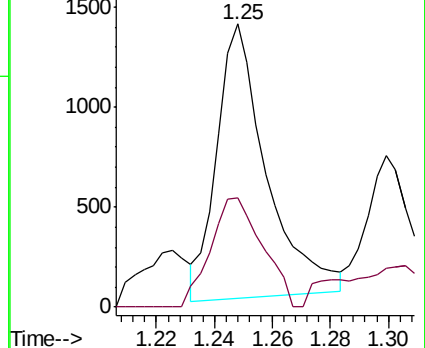
50 100

52 38.7 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.101 ug/L

RT: 1.21 min Scan# 37

Delta R.T. -0.11 min

Lab File: VV011558.D

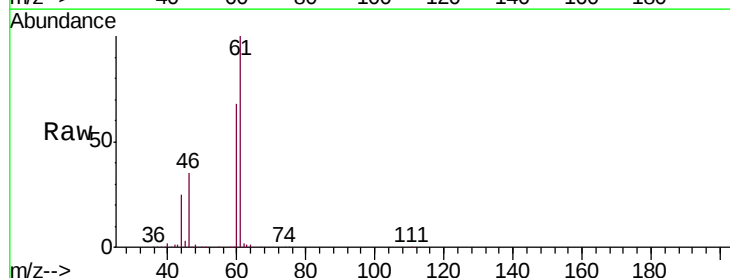
Acq: 17 Jun 2019 18:40

Tgt Ion: 62 Resp: 1775

Ion Ratio Lower Upper

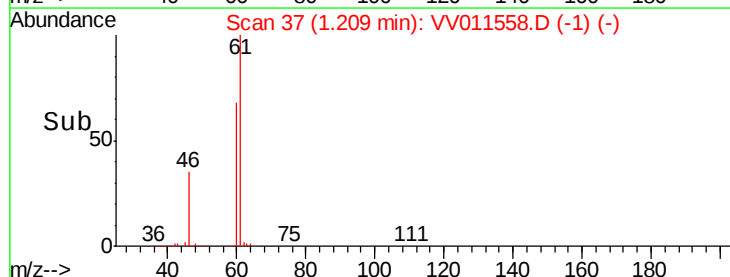
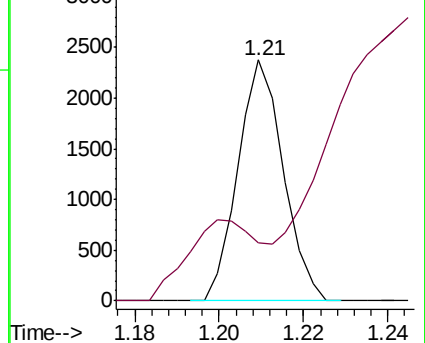
62 100

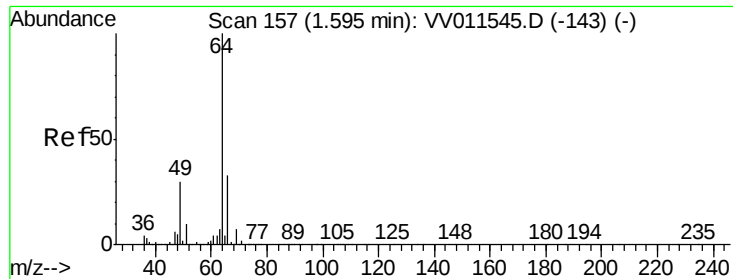
64 24.3 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#8

Chloroethane

Concen: 0.204 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.02 min

Lab File: VV011558.D

Acq: 17 Jun 2019 18:40

Instrument :

MSVOA_V

ClientSampled :

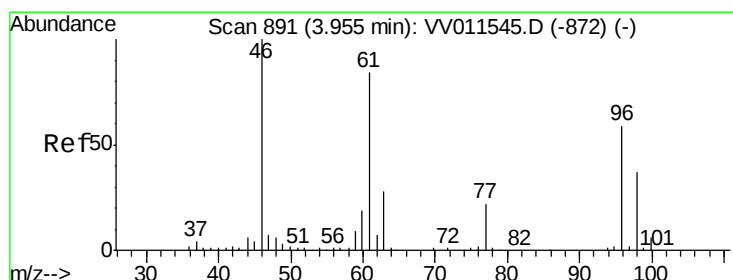
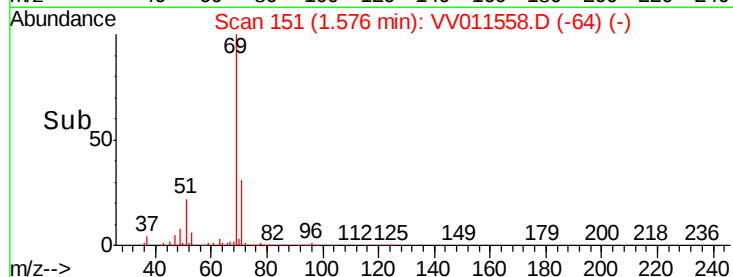
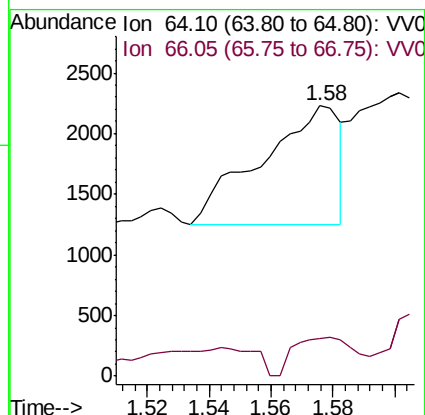
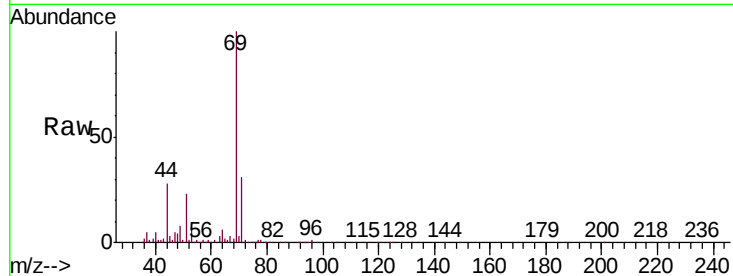
BFCL4

Tgt Ion: 64 Resp: 1731

Ion Ratio Lower Upper

64 100

66 13.8 21.6 40.2#



#22

cis-1,2-Dichloroethene

Concen: 0.139 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV011558.D

Acq: 17 Jun 2019 18:40

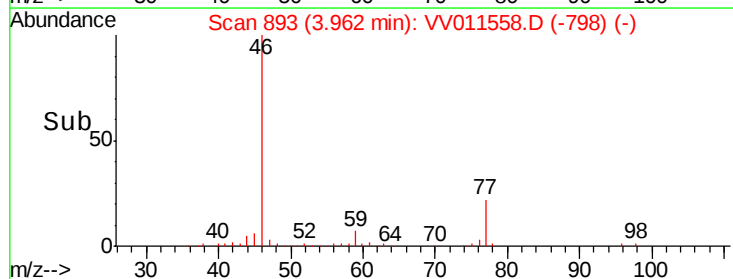
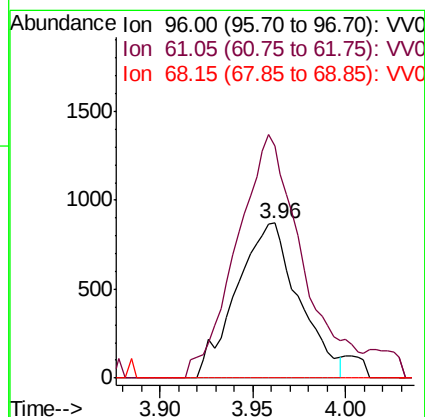
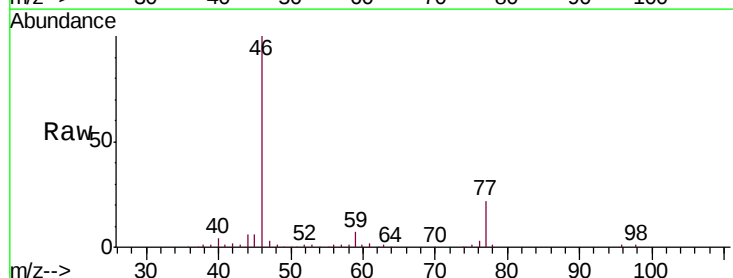
Tgt Ion: 96 Resp: 2041

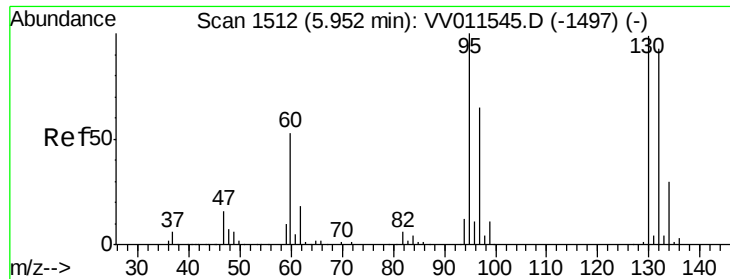
Ion Ratio Lower Upper

96 100

61 149.8 102.2 189.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 5.819 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011558.D

Acq: 17 Jun 2019 18:40

Instrument :

MSVOA_V

ClientSampleId :

BFCL4

Tgt Ion: 95 Resp: 81445

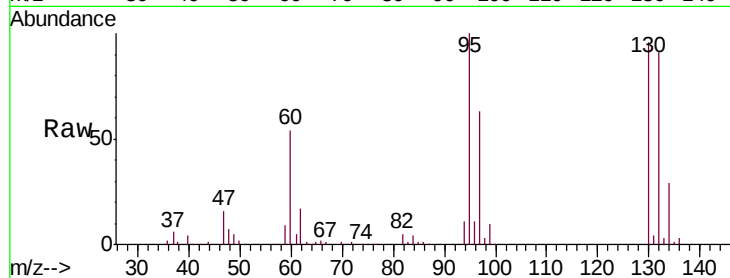
Ion Ratio Lower Upper

95 100

97 62.8 44.4 82.4

132 91.2 63.5 117.9

130 95.6 68.5 127.3

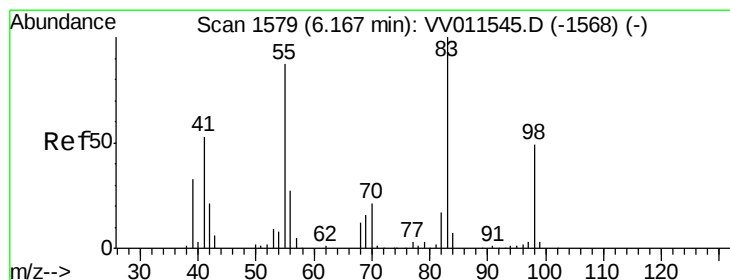
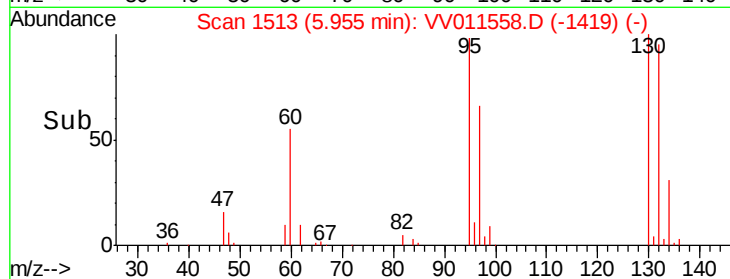
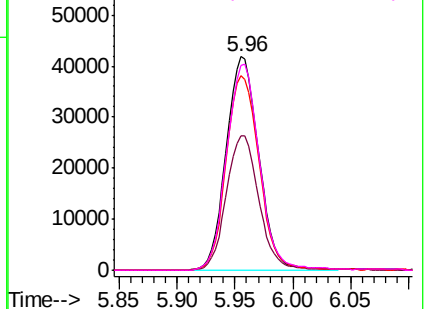


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.896 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011558.D

Acq: 17 Jun 2019 18:40

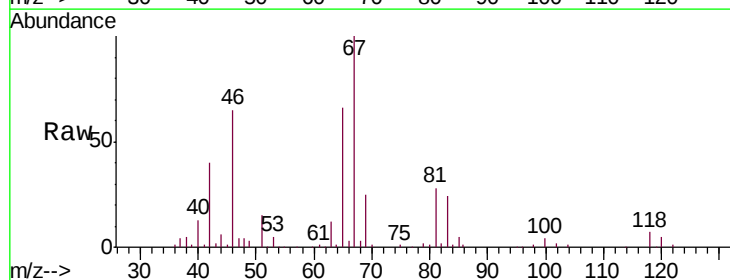
Tgt Ion: 83 Resp: 17891

Ion Ratio Lower Upper

83 100

55 0.5 67.9 101.9#

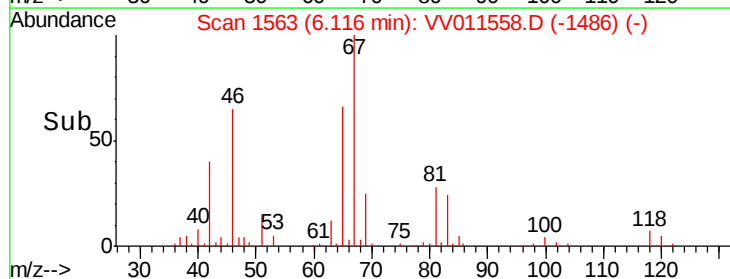
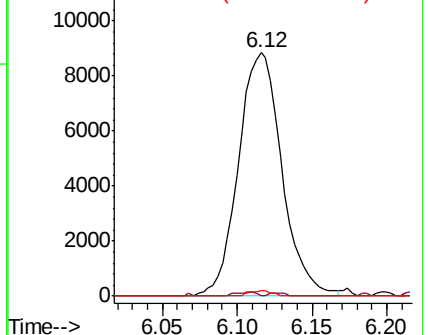
98 1.2 39.6 59.4#

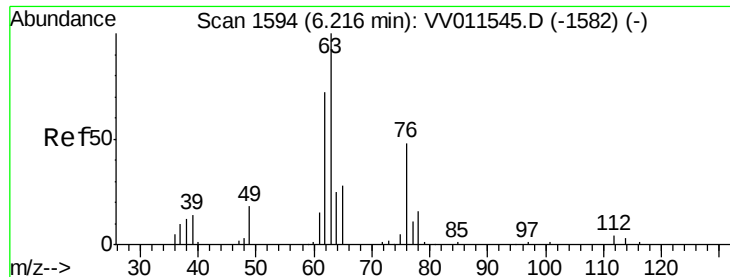


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

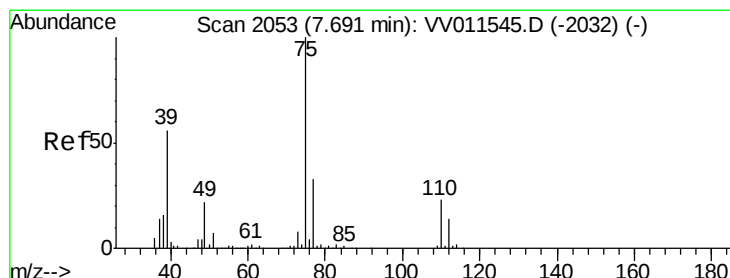
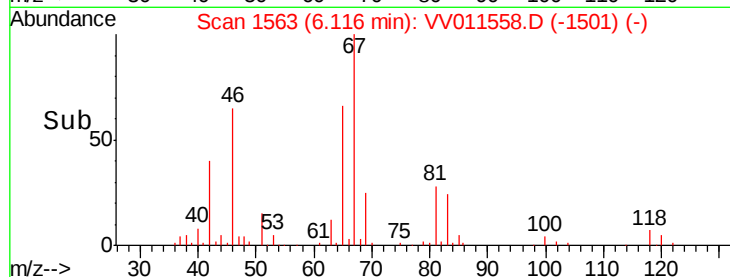
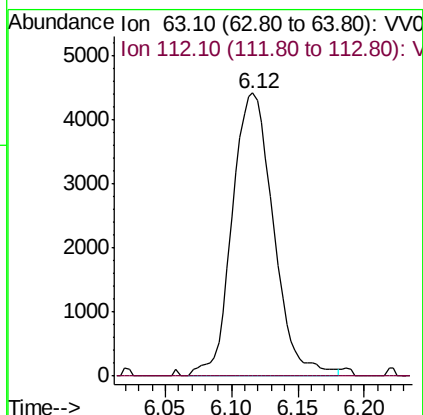
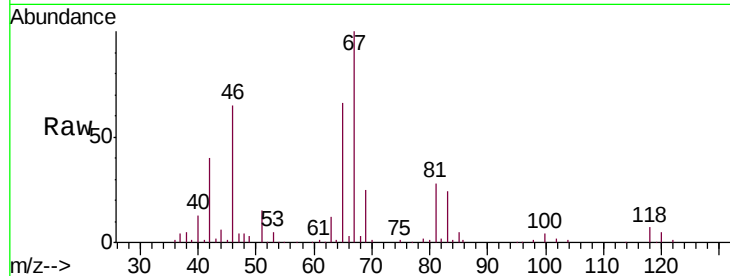




#37
 1,2-Dichloropropane
 Concen: 0.654 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011558.D
 Acq: 17 Jun 2019 18:40

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL4

Tgt Ion: 63 Resp: 9559
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV011558.D
 Acq: 17 Jun 2019 18:40

Tgt Ion: 75 Resp: 1394
 Ion Ratio Lower Upper
 75 100
 77 44.8 22.8 42.4#

