

Data File : VV011355.D
Acq On : 10 Jun 2019 17:32
Operator : SY/MD
Sample : K3226-04DL 100X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP3DL

Quant Time: Jun 11 01:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154635	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57693	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41438	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.55	69	39397	4.04	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.12	63	68890	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	3.94	46	134804	51.10	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.20%
24) Chloroform-d	4.40	84	91522	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	52064	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.09	84	179237	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.12	67	57384	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.36	98	153865	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.66	79	16789	3.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.20%
46) 2-Hexanone-d5	8.13	63	101874	48.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41161	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	52794	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

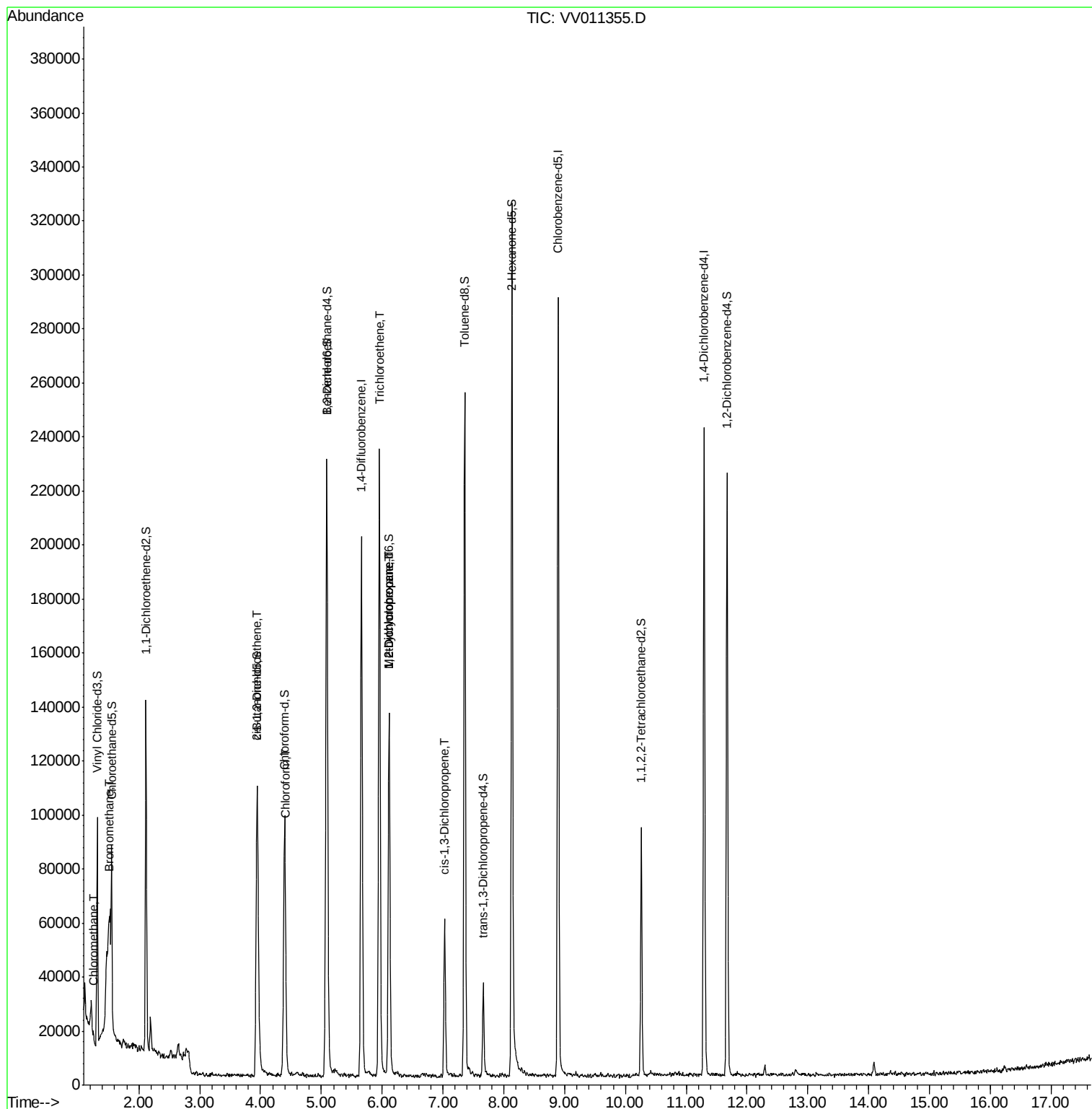
						Qvalue
3) Chloromethane	1.25	50	2437	0.165	ug/L	90
6) Bromomethane	1.51	94	1270	0.172	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	14470	1.198	ug/L	97
25) Chloroform	4.41	83	3122	0.140	ug/L	96
34) Trichloroethene	5.96	95	76995	6.683	ug/L	96
35) Methylcyclohexane	6.12	83	14279	0.749	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7445	0.671	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1557	0.096	ug/L #	65

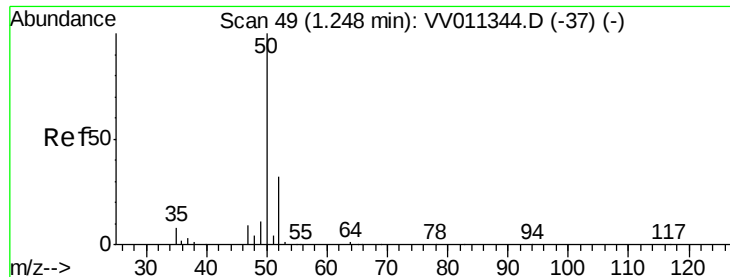
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.165 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011355.D

Acq: 10 Jun 2019 17:32

Instrument :

MSVOA_V

ClientSampleId :

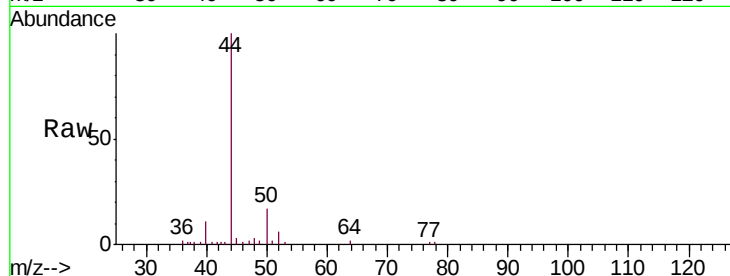
BFCP3DL

Tgt Ion: 50 Resp: 2437

Ion Ratio Lower Upper

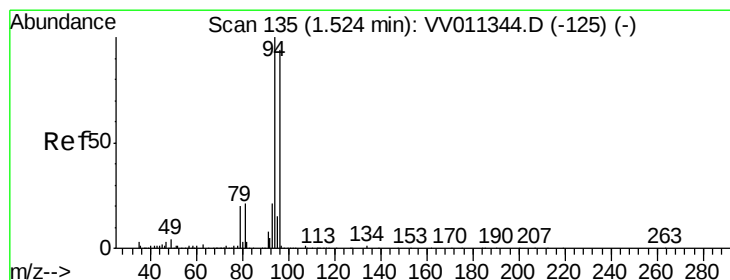
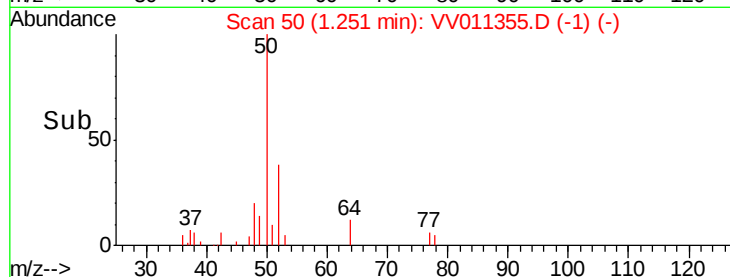
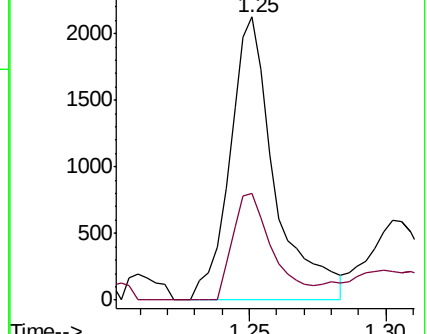
50 100

52 37.5 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011344.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV011344.D (-37) (-)



#6

Bromomethane

Concen: 0.172 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.02 min

Lab File: VV011355.D

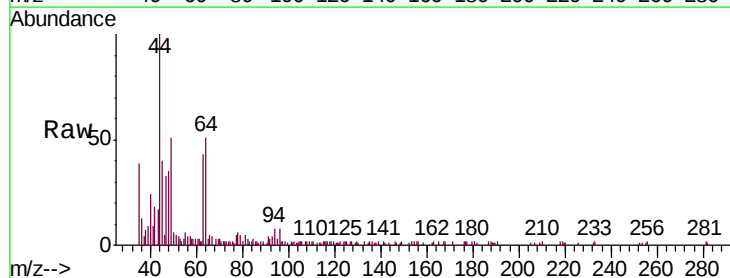
Acq: 10 Jun 2019 17:32

Tgt Ion: 94 Resp: 1270

Ion Ratio Lower Upper

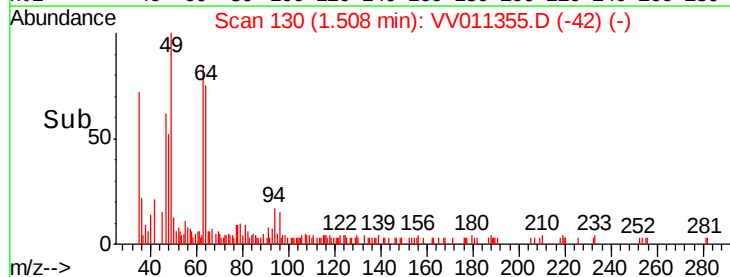
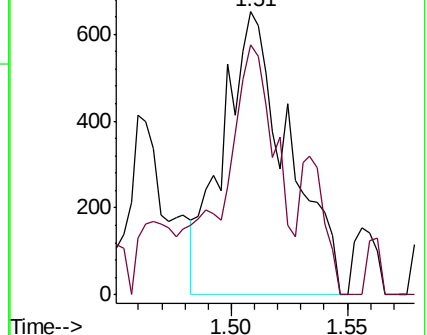
94 100

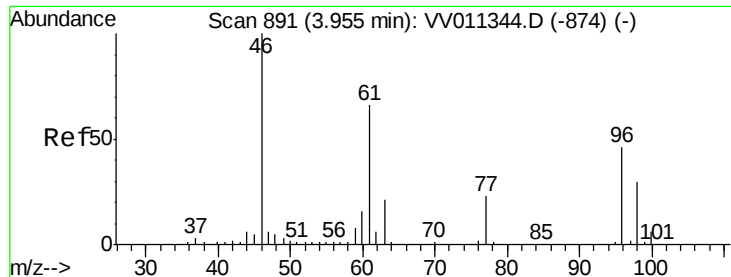
96 88.5 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV011344.D (-125) (-)

Ion 96.00 (95.70 to 96.70): VV011344.D (-125) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.198 ug/L

RT: 3.96 min Scan# 891

Delta R.T. 0.00 min

Lab File: VV011355.D

Acq: 10 Jun 2019 17:32

Instrument :

MSVOA_V

ClientSampleId :

BFCP3DL

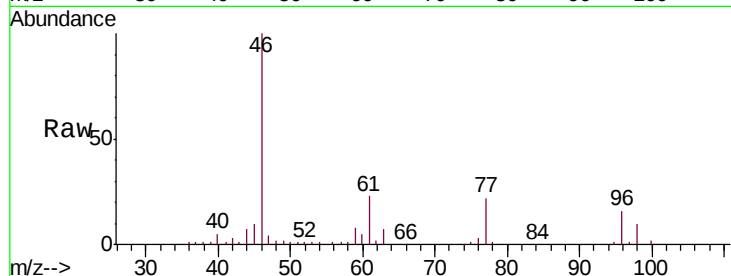
Tgt Ion: 96 Resp: 14470

Ion Ratio Lower Upper

96 100

61 140.2 100.8 187.2

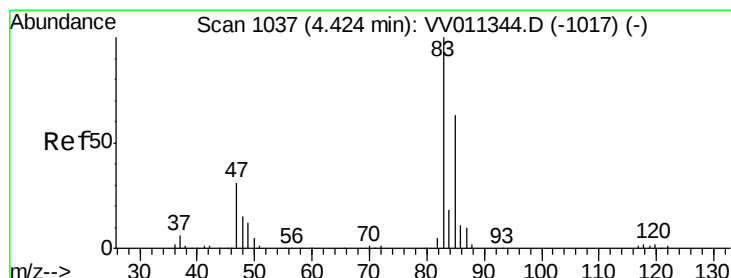
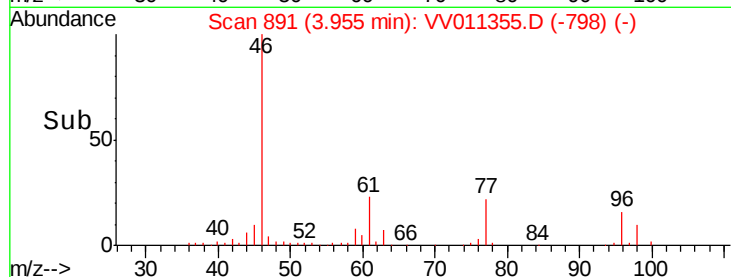
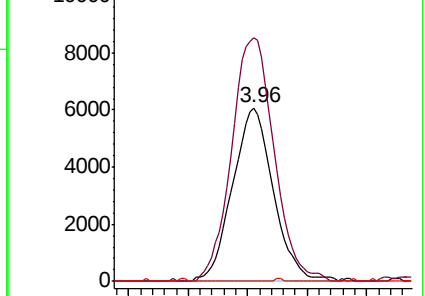
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#25

Chloroform

Concen: 0.140 ug/L

RT: 4.41 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VV011355.D

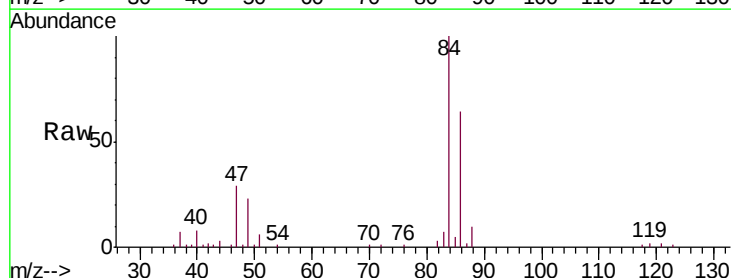
Acq: 10 Jun 2019 17:32

Tgt Ion: 83 Resp: 3122

Ion Ratio Lower Upper

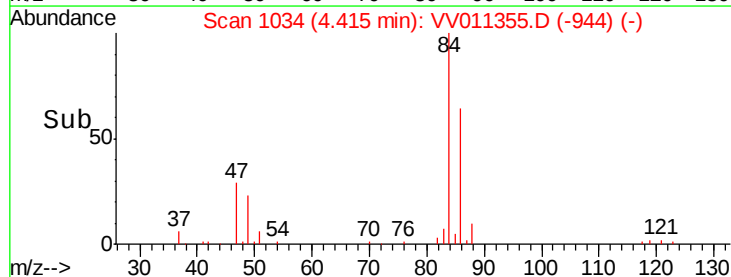
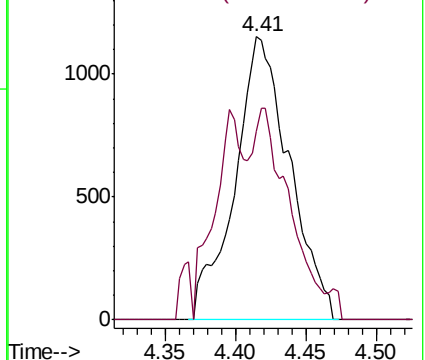
83 100

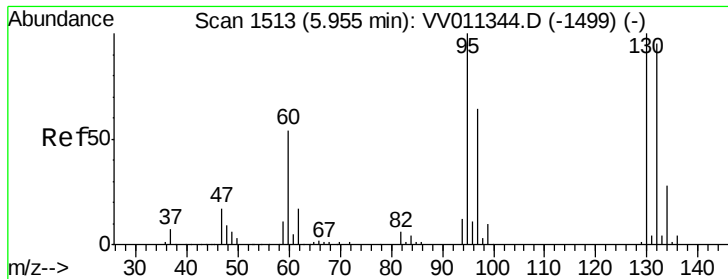
85 66.4 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 6.683 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011355.D

Acq: 10 Jun 2019 17:32

Instrument :

MSVOA_V

ClientSampleId :

BFCP3DL

Tgt Ion: 95 Resp: 76995

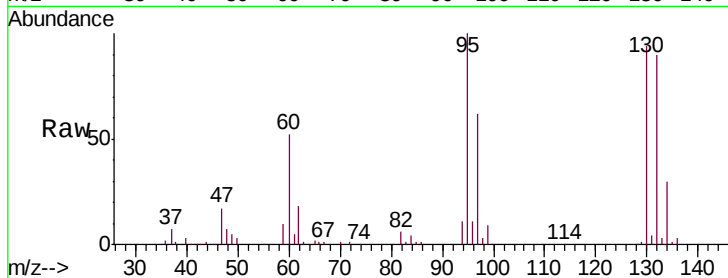
Ion Ratio Lower Upper

95 100

97 61.9 45.8 85.2

132 89.8 66.4 123.2

130 93.8 68.3 126.8

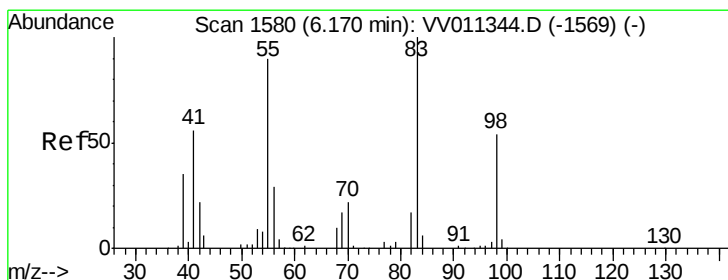
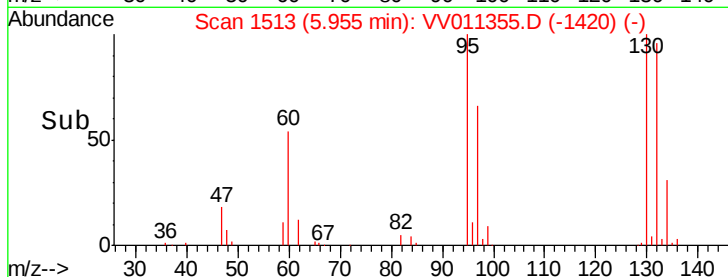
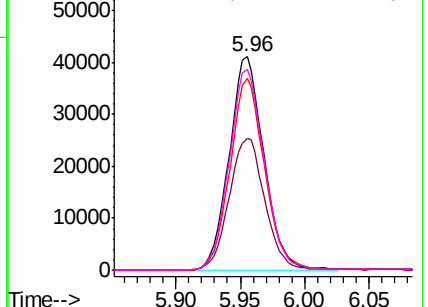


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.749 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011355.D

Acq: 10 Jun 2019 17:32

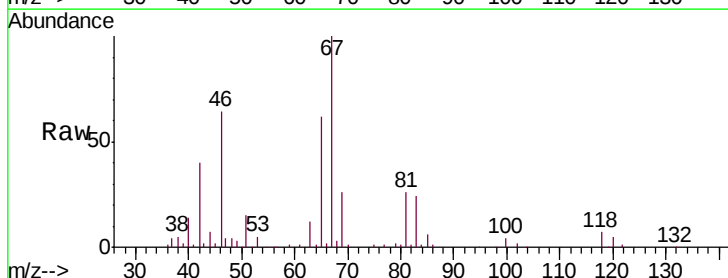
Tgt Ion: 83 Resp: 14279

Ion Ratio Lower Upper

83 100

55 0.3 67.0 100.6#

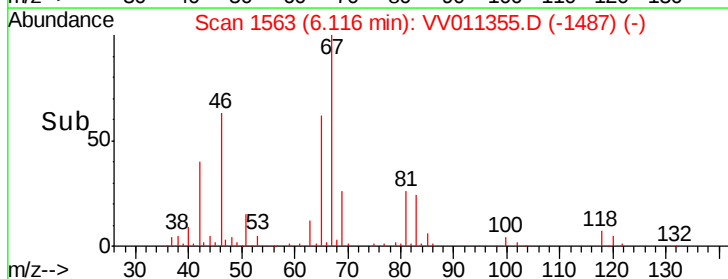
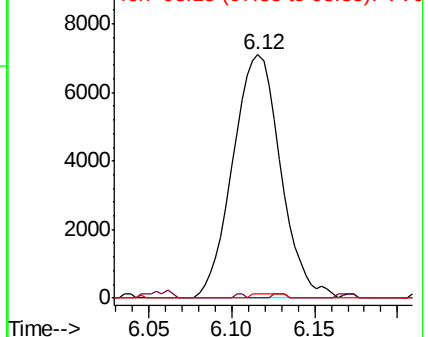
98 0.5 40.0 60.0#

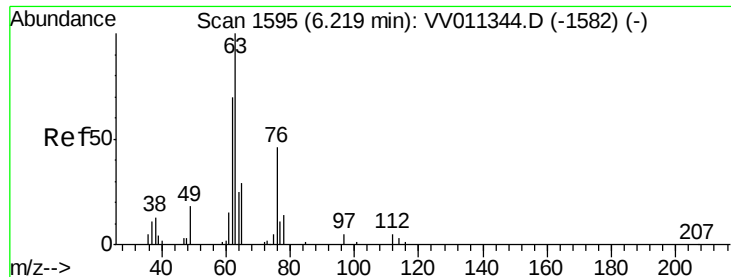


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

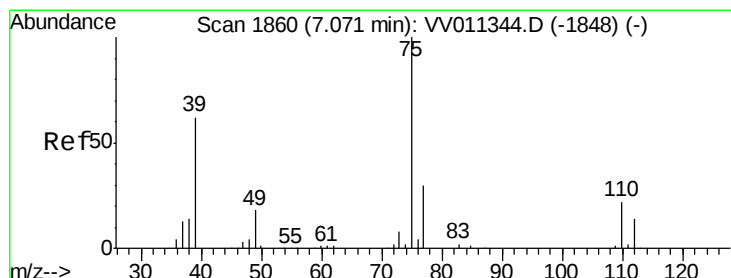
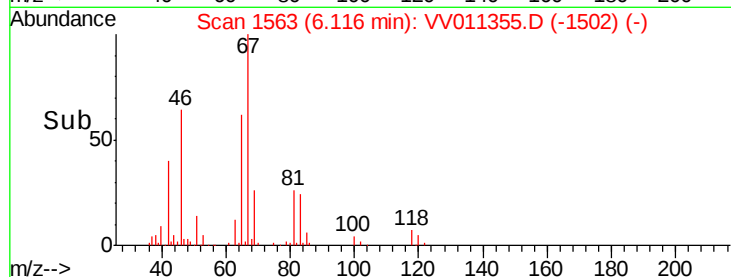
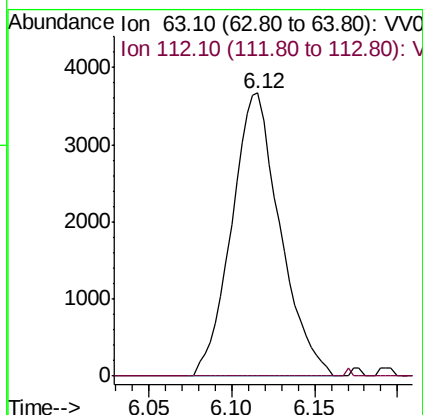
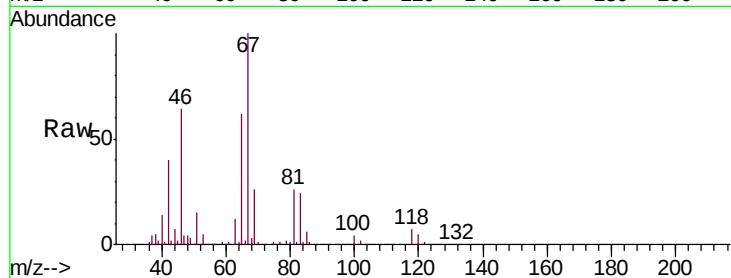




#37
 1,2-Dichloropropane
 Concen: 0.671 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011355.D
 Acq: 10 Jun 2019 17:32

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP3DL

Tgt Ion: 63 Resp: 7445
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011355.D
 Acq: 10 Jun 2019 17:32

Tgt Ion: 75 Resp: 1557
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.2 41.2#

