

Data File : VV011302.D
Acq On : 07 Jun 2019 21:49
Operator : SY/MD
Sample : K3226-02DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCN8DL

Quant Time: Jun 08 00:45:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:40:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155966	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44529	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.55	69	40132	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.11	63	73067	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.94	46	151884	57.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.18%
24) Chloroform-d	4.40	84	93722	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.08	65	55553	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.09	84	189033	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.11	67	60002	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.36	98	160486	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.66	79	18308	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	8.13	63	119647	55.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43678	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	52819	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

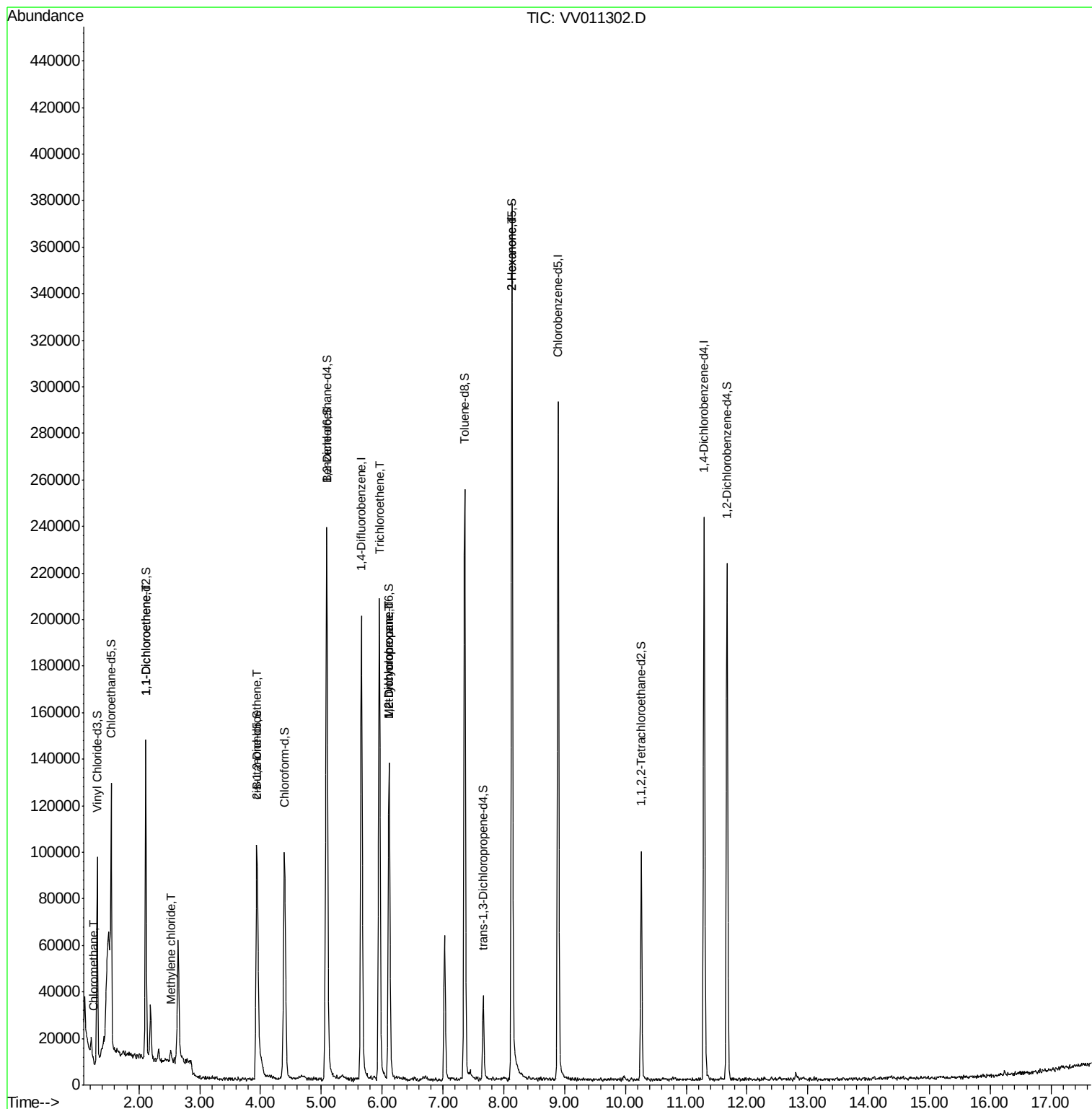
						Qvalue
3) Chloromethane	1.25	50	1235	0.083	ug/L	92
12) 1,1-Dichloroethene	2.12	96	1179	0.120	ug/L #	1
16) Methylene chloride	2.53	84	1806	0.178	ug/L	75
22) cis-1,2-Dichloroethene	3.95	96	1922	0.158	ug/L	94
34) Trichloroethene	5.96	95	70394	5.898	ug/L	98
35) Methylcyclohexane	6.11	83	14214	0.720	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	7664	0.666	ug/L #	88
48) 2-Hexanone	8.13	43	17018	3.332	ug/L #	69

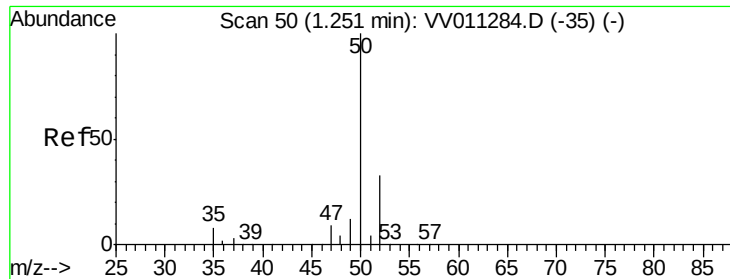
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.083 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011302.D

Acq: 07 Jun 2019 21:49

Instrument :

MSVOA_V

ClientSampleId :

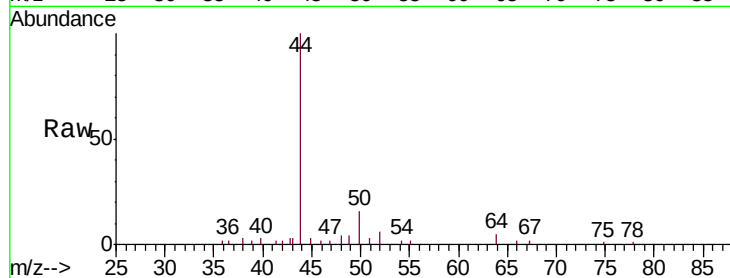
BFCN8DL

Tgt Ion: 50 Resp: 1235

Ion Ratio Lower Upper

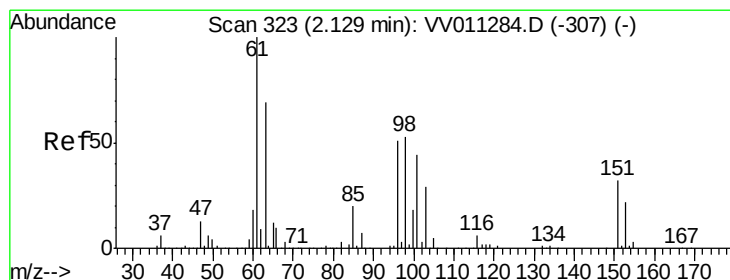
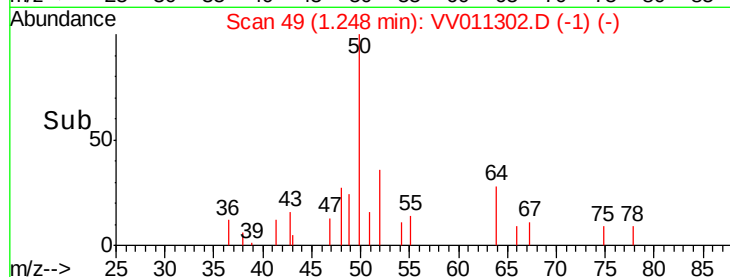
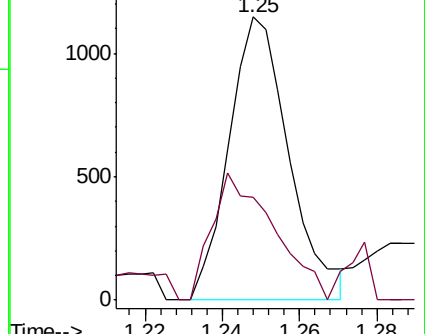
50 100

52 36.4 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.120 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011302.D

Acq: 07 Jun 2019 21:49

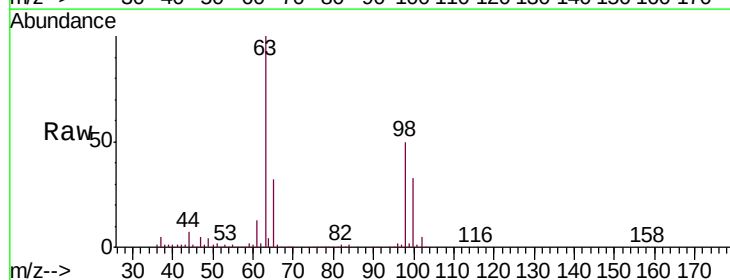
Tgt Ion: 96 Resp: 1179

Ion Ratio Lower Upper

96 100

61 761.3 139.8 259.6#

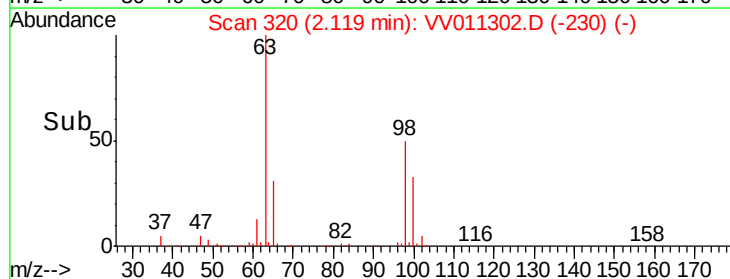
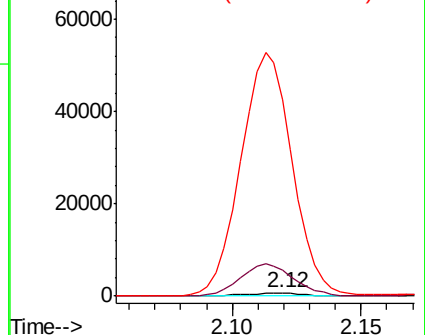
63 5813.6 94.3 175.1#

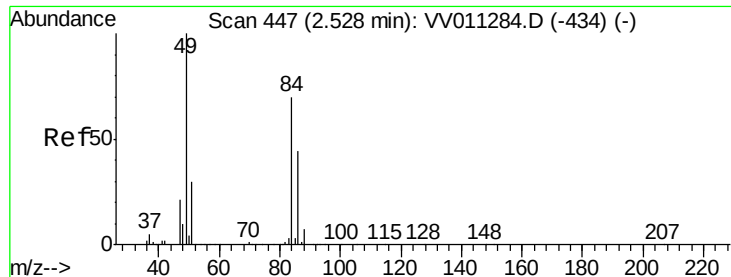


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

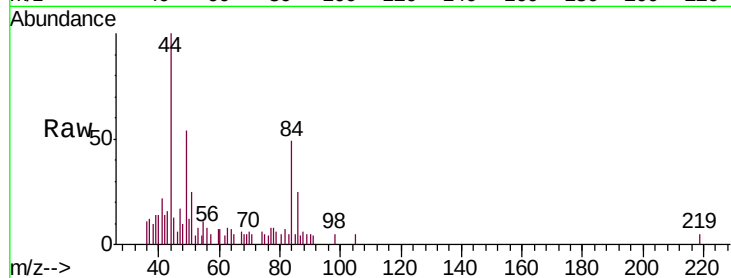




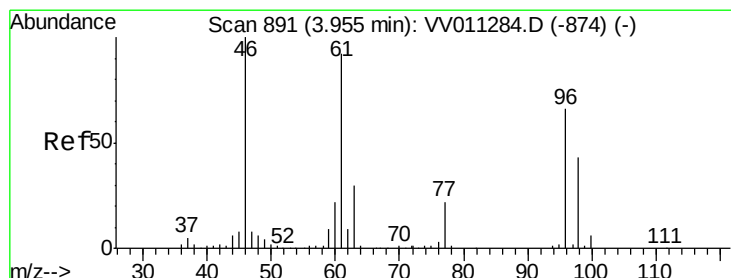
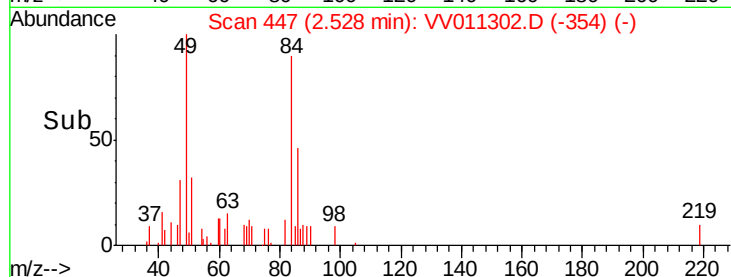
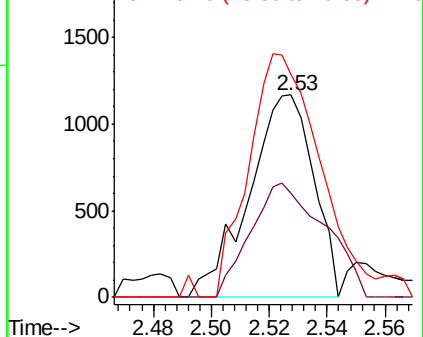
#16
Methylene chloride
Concen: 0.178 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV011302.D
Acq: 07 Jun 2019 21:49

Instrument :
MSVOA_V
ClientSampleId :
BFCN8DL

Tgt Ion: 84 Resp: 1806
Ion Ratio Lower Upper
84 100
86 51.3 44.9 83.3
49 110.5 102.1 189.5

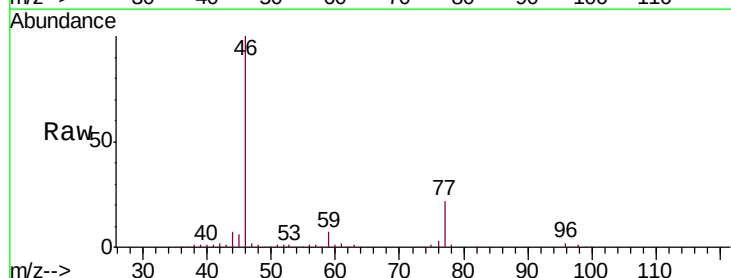


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

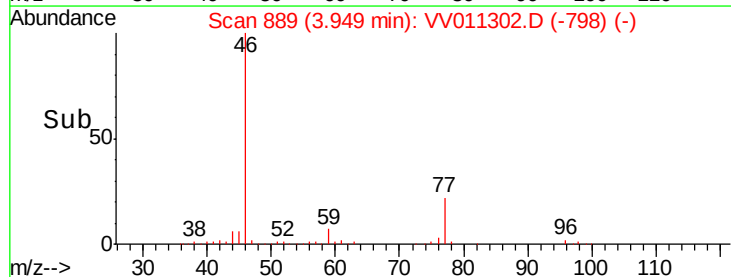
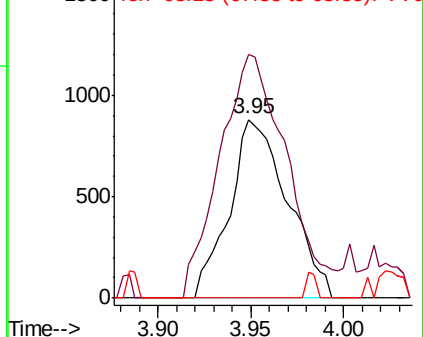


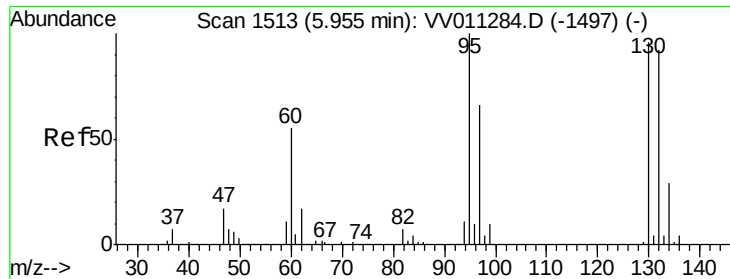
#22
cis-1,2-Dichloroethene
Concen: 0.158 ug/L
RT: 3.95 min Scan# 889
Delta R.T. -0.01 min
Lab File: VV011302.D
Acq: 07 Jun 2019 21:49

Tgt Ion: 96 Resp: 1922
Ion Ratio Lower Upper
96 100
61 136.2 100.8 187.2
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





#34

Trichloroethene

Concen: 5.898 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011302.D

Acq: 07 Jun 2019 21:49

Instrument :

MSVOA_V

ClientSampled :

BFCN8DL

Tgt Ion: 95 Resp: 70394

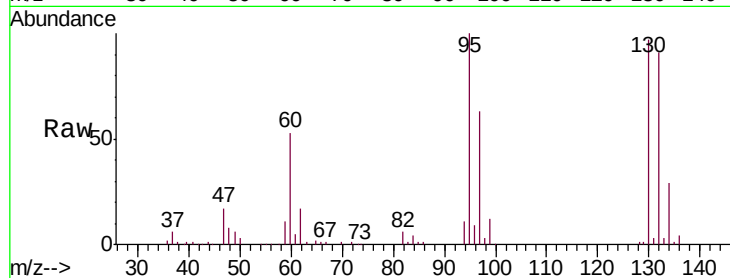
Ion Ratio Lower Upper

95 100

97 63.0 45.8 85.2

132 91.4 66.4 123.2

130 96.8 68.3 126.8

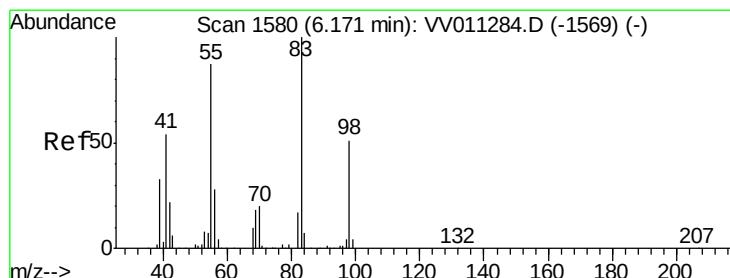
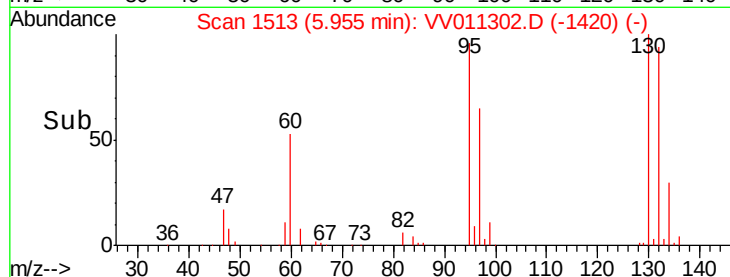
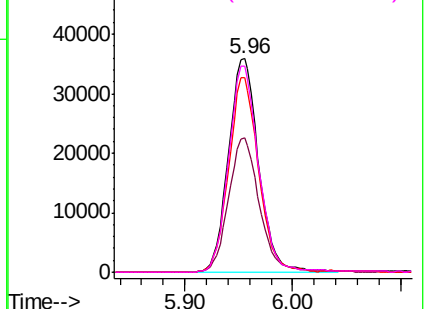


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.720 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011302.D

Acq: 07 Jun 2019 21:49

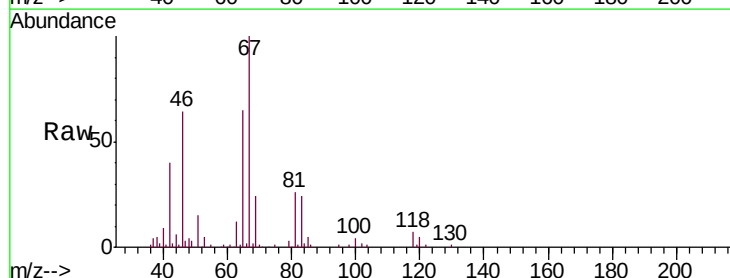
Tgt Ion: 83 Resp: 14214

Ion Ratio Lower Upper

83 100

55 0.5 67.0 100.6#

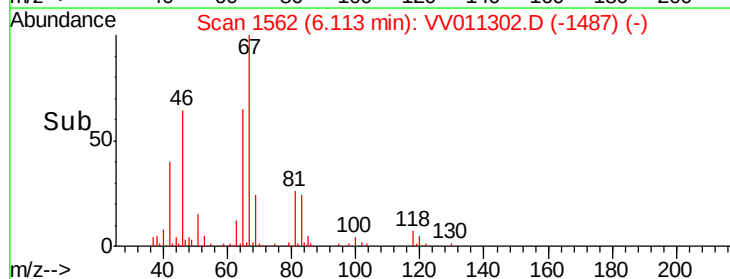
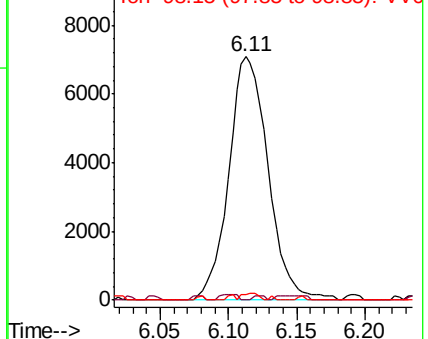
98 1.1 40.0 60.0#

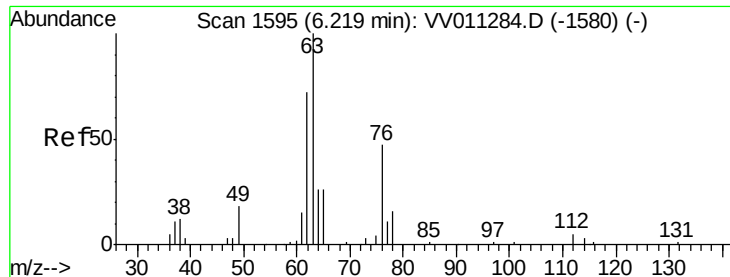


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

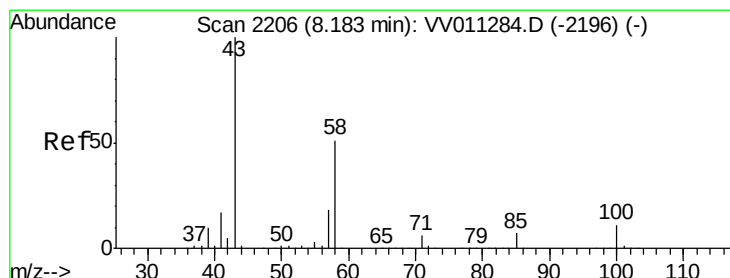
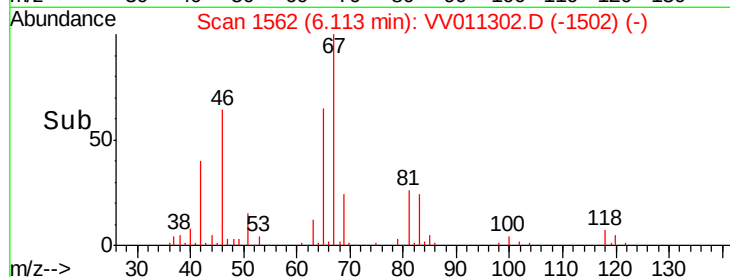
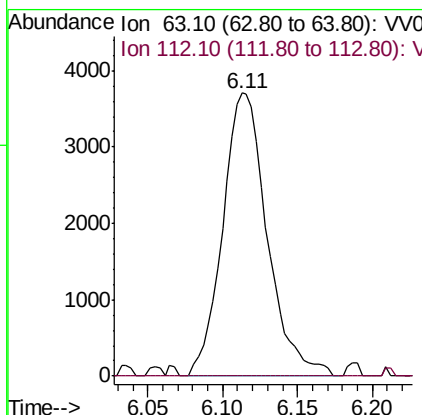
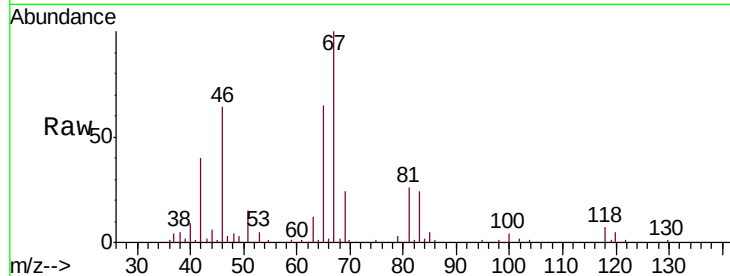




#37
 1,2-Dichloropropane
 Concen: 0.666 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011302.D
 Acq: 07 Jun 2019 21:49

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN8DL

Tgt Ion: 63 Resp: 7664
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.6 5.4#



#48
 2-Hexanone
 Concen: 3.332 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV011302.D
 Acq: 07 Jun 2019 21:49

Tgt Ion: 43 Resp: 17018
 Ion Ratio Lower Upper
 43 100
 58 24.4 41.4 62.0#
 57 22.5 15.0 22.4#
 100 0.2 9.0 13.4#

