

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
 Data File : VV008660.D
 Acq On : 19 Nov 2018 19:28
 Operator : SY/MD
 Sample : J5995-16
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FN8

Quant Time: Nov 20 08:32:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 06:56:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	152688	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	138660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29227	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.59	69	24710	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	46109	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.96	46	118984	49.03	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.06%
24) Chloroform-d	4.41	84	84980	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	47146	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	165977	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.12	67	54846	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	149966	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	17442	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.14	63	88612	43.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37744	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	51860	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

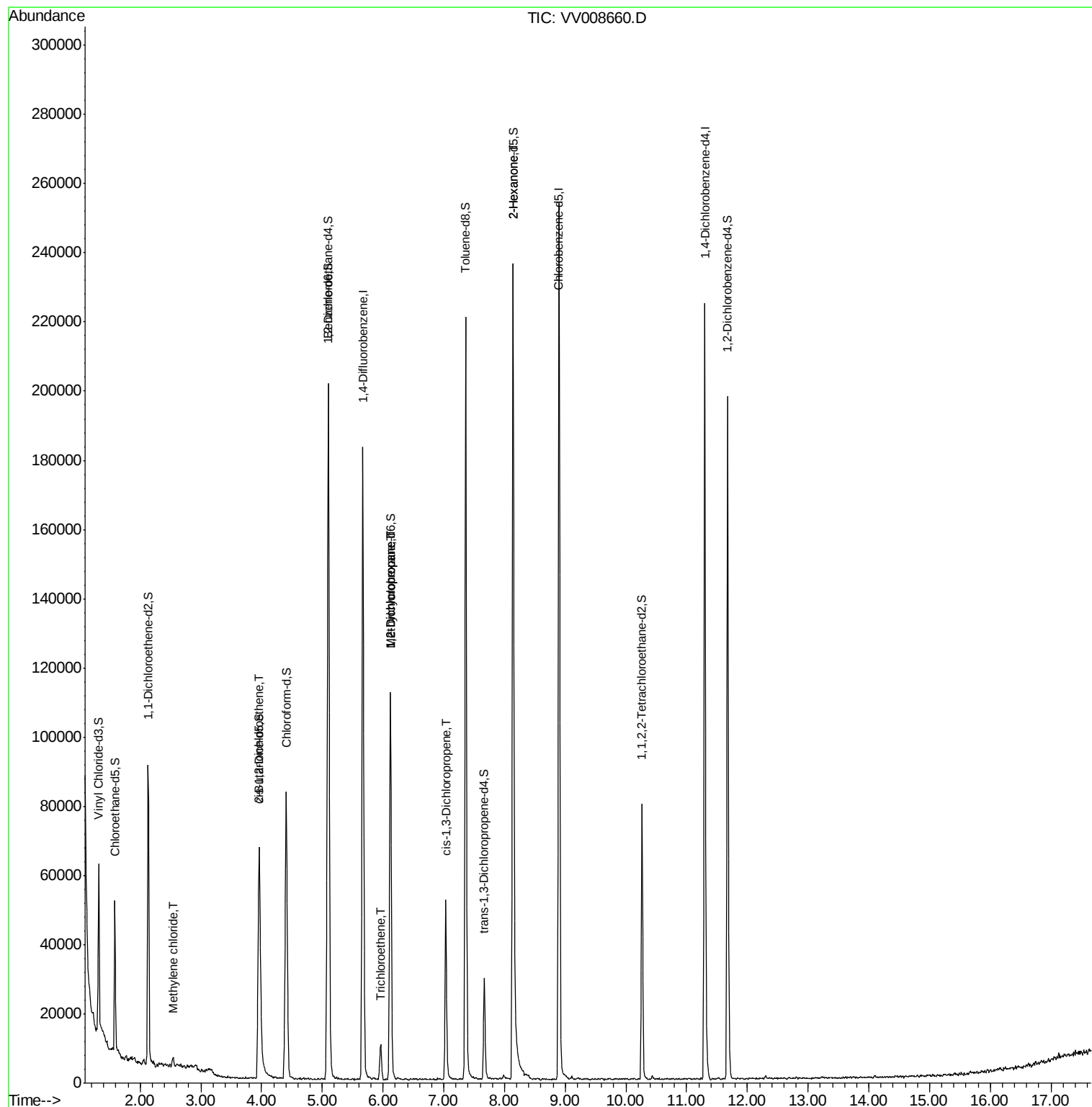
					Qvalue
16) Methylene chloride	2.54	84	1126	0.131 ug/L	86
22) cis-1,2-Dichloroethene	3.97	96	1617	0.139 ug/L	96
34) Trichloroethene	5.97	95	3292	0.283 ug/L	94
35) Methylcyclohexane	6.12	83	12593	0.640 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5800	0.502 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1241	0.080 ug/L	83
48) 2-Hexanone	8.14	43	11877	2.602 ug/L #	73

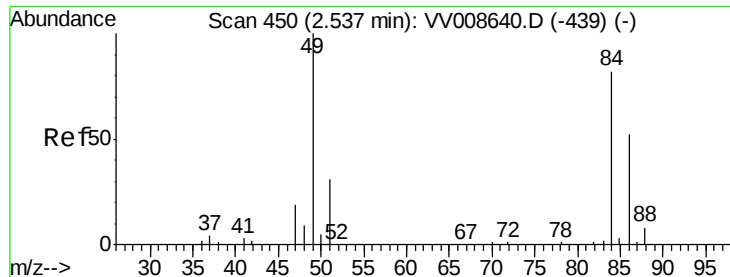
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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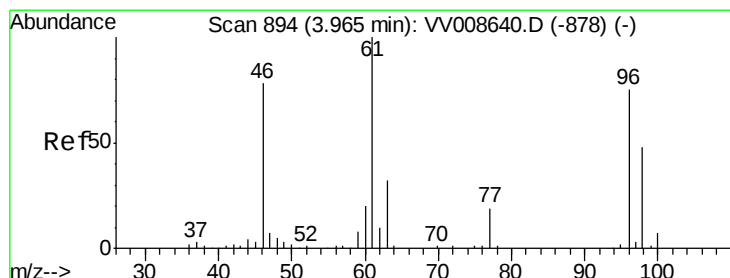
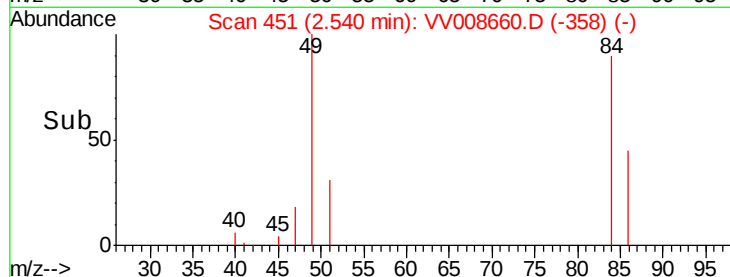
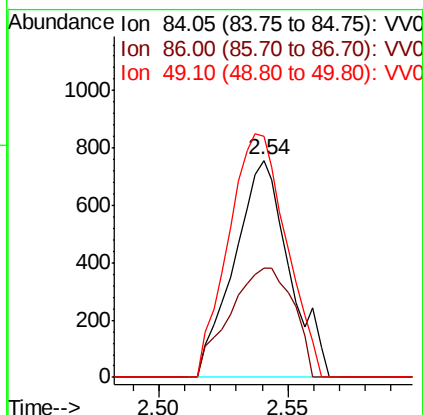
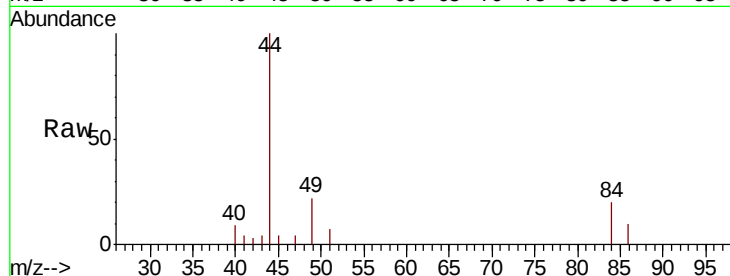




#16
Methylene chloride
Concen: 0.131 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008660.D
Acq: 19 Nov 2018 19:28

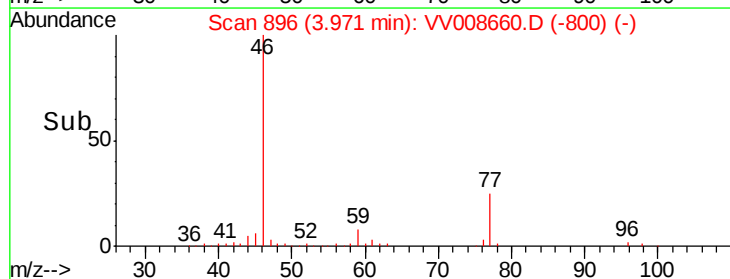
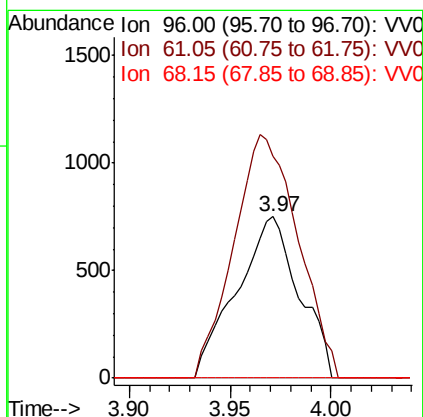
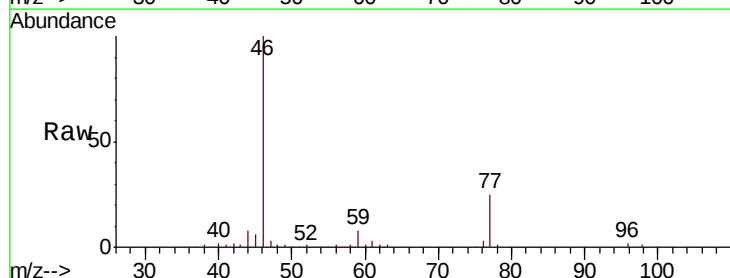
Instrument :
MSVOA_V
ClientSampled :
H0FN8

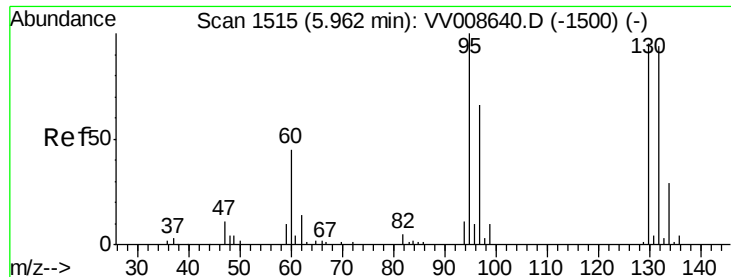
Tgt Ion: 84 Resp: 1126
Ion Ratio Lower Upper
84 100
86 50.5 44.8 83.2
49 111.0 88.1 163.7



#22
cis-1,2-Dichloroethene
Concen: 0.139 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV008660.D
Acq: 19 Nov 2018 19:28

Tgt Ion: 96 Resp: 1617
Ion Ratio Lower Upper
96 100
61 137.4 93.2 173.2
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.283 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VV008660.D

Acq: 19 Nov 2018 19:28

Instrument :

MSVOA_V

ClientSampleId :

H0FN8

Tgt Ion: 95 Resp: 3292

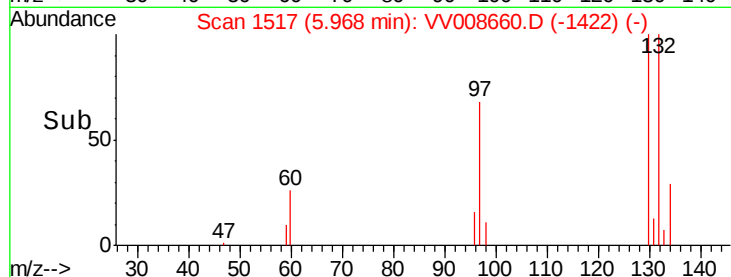
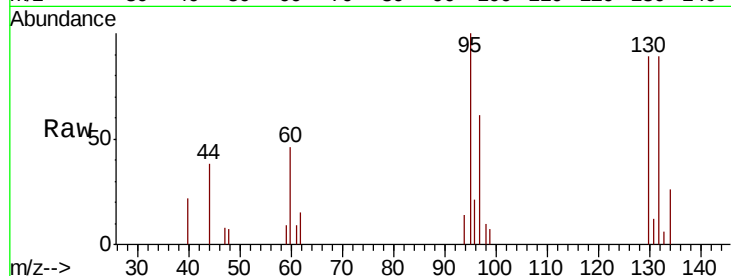
Ion Ratio Lower Upper

95 100

97 60.7 45.1 83.7

132 89.2 66.3 123.1

130 89.1 68.0 126.4



Abundance Ion 95.00 (94.70 to 95.70): VV008660.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008660.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008660.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008660.D (-1422) (-)

Time-->

5.90 5.95 6.00

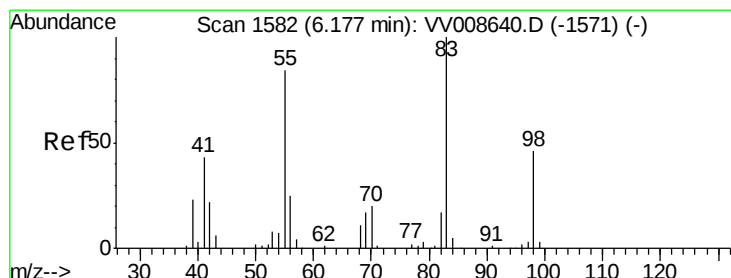
5.97

1500

1000

500

0



#35

Methylcyclohexane

Concen: 0.640 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008660.D

Acq: 19 Nov 2018 19:28

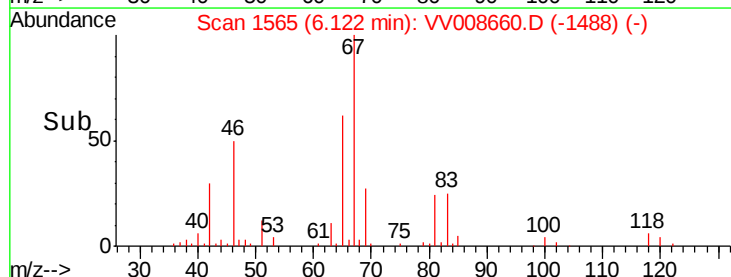
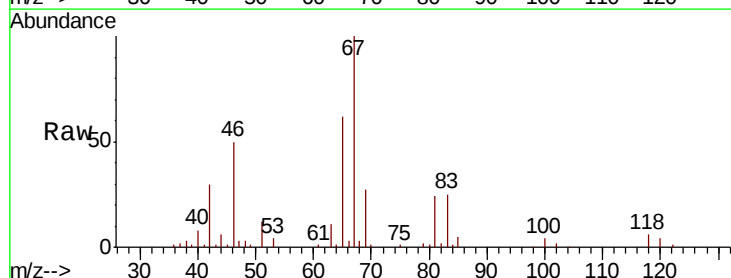
Tgt Ion: 83 Resp: 12593

Ion Ratio Lower Upper

83 100

55 0.0 65.6 98.4#

98 0.7 36.4 54.6#



Abundance Ion 83.15 (82.85 to 83.85): VV008660.D (-1488) (-)

Ion 55.10 (54.80 to 55.80): VV008660.D (-1488) (-)

Ion 98.15 (97.85 to 98.85): VV008660.D (-1488) (-)

Time-->

6.05 6.10 6.15

6.12

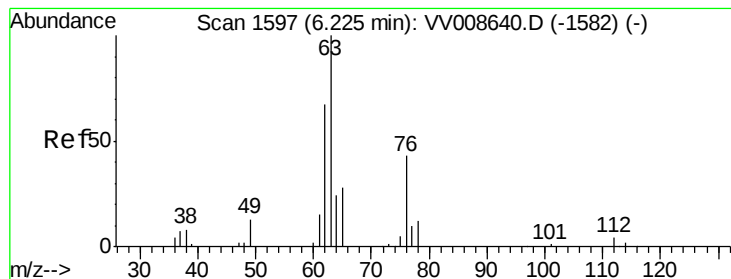
8000

6000

4000

2000

0



#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008660.D

Acq: 19 Nov 2018 19:28

Instrument :

MSVOA_V

ClientSampleId :

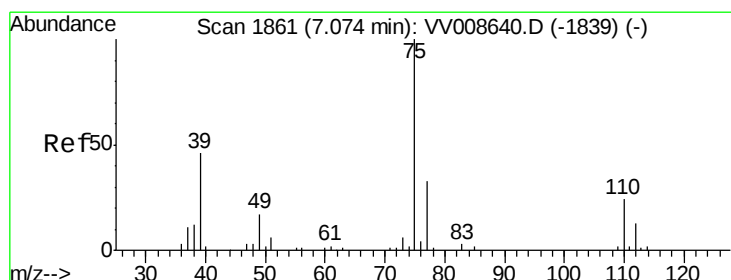
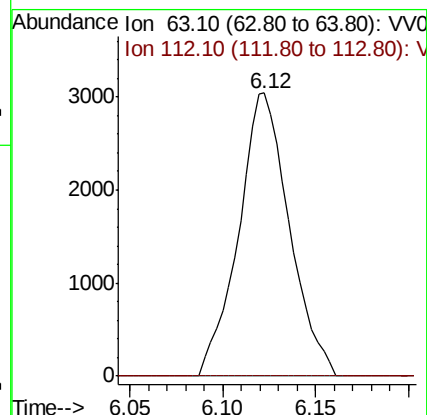
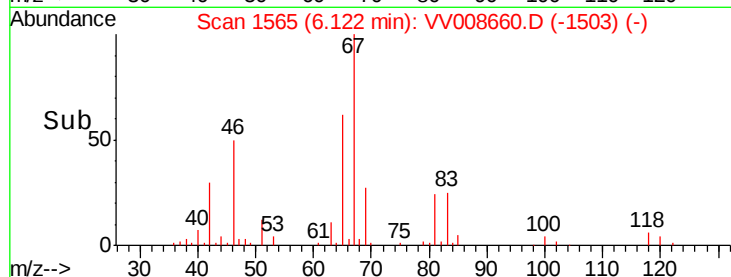
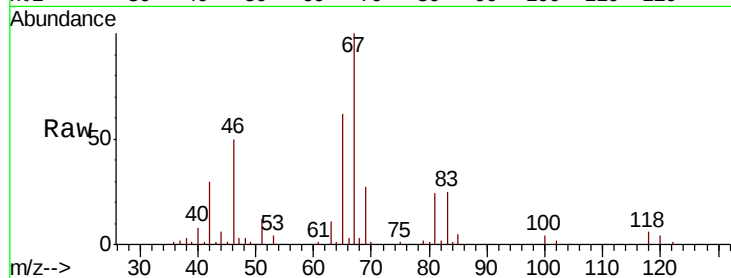
H0FN8

Tgt Ion: 63 Resp: 5800

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008660.D

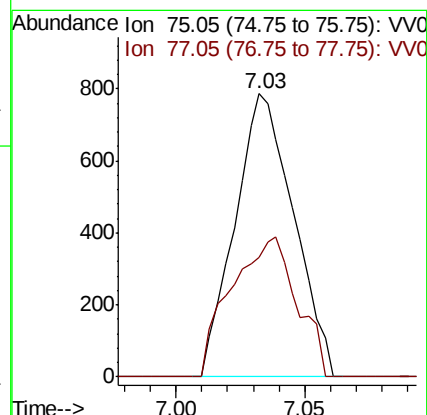
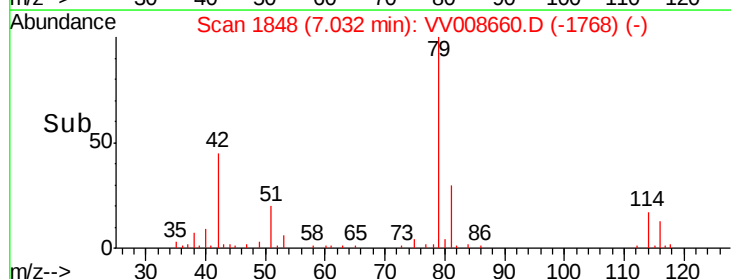
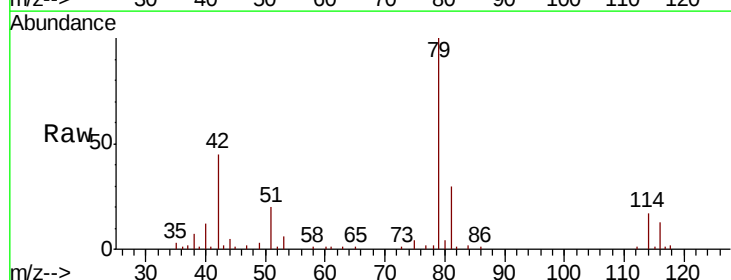
Acq: 19 Nov 2018 19:28

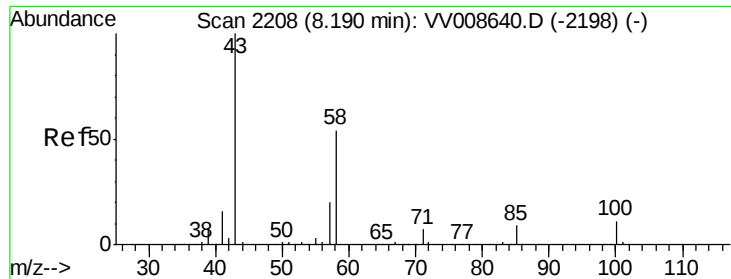
Tgt Ion: 75 Resp: 1241

Ion Ratio Lower Upper

75 100

77 42.2 23.0 42.8





#48

2-Hexanone

Concen: 2.602 ug/L

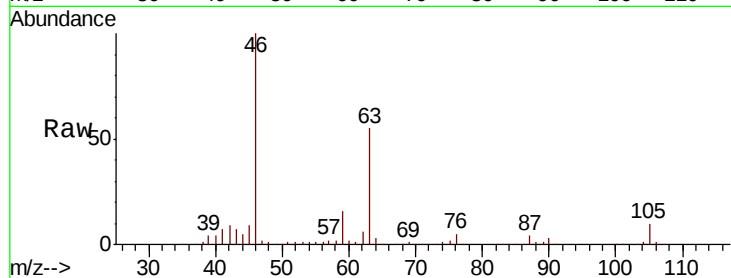
RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV008660.D

Acq: 19 Nov 2018 19:28

Instrument :
MSVOA_V
ClientSampleId :
H0FN8



Tgt Ion:	43	Resp:	11877
Ion	Ratio	Lower	Upper
43	100		
58	28.7	41.8	62.8#
57	23.6	15.4	23.0#
100	0.2	8.7	13.1#

