

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
 Data File : VV008642.D
 Acq On : 19 Nov 2018 11:30
 Operator : SY/MD
 Sample : J5990-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO76

Quant Time: Nov 20 06:59:28 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	161000	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	146446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62817	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27397	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.59	69	22401	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.13	63	42499	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.96	46	101530	39.68	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.36%
24) Chloroform-d	4.40	84	77583	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.09	65	40707	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.10	84	153656	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.12	67	49892	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.00%
41) Toluene-d8	7.36	98	138635	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.67	79	17520	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.14	63	73177	34.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34746	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	47094	4.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.00%

Target Compounds

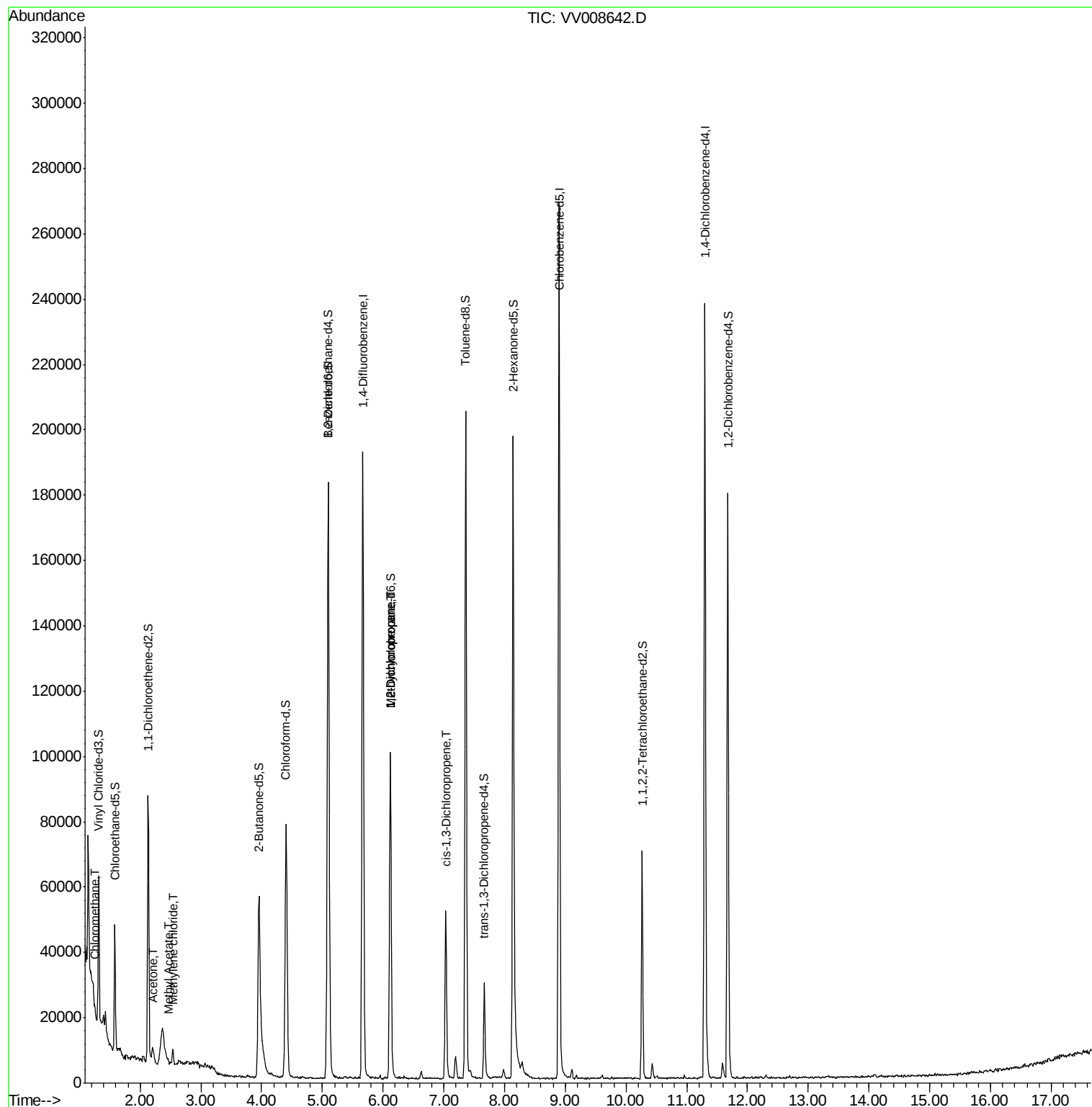
					Qvalue
3) Chloromethane	1.25	50	1135	0.102 ug/L	99
13) Acetone	2.21	43	5315	3.983 ug/L	89
15) Methyl Acetate	2.46	43	748	0.224 ug/L #	54
16) Methylene chloride	2.54	84	1502	0.165 ug/L	96
35) Methylcyclohexane	6.12	83	11660	0.561 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5585	0.458 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1216	0.074 ug/L	89

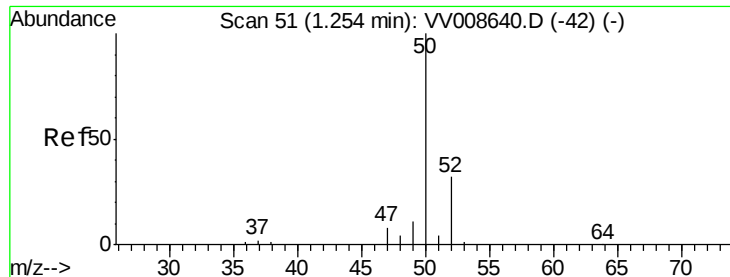
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.102 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV008642.D

Acq: 19 Nov 2018 11:30

Instrument :

MSVOA_V

ClientSampled :

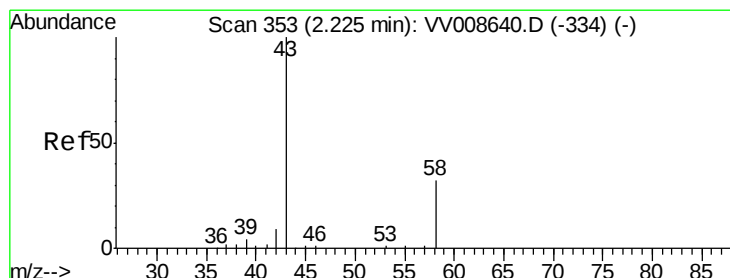
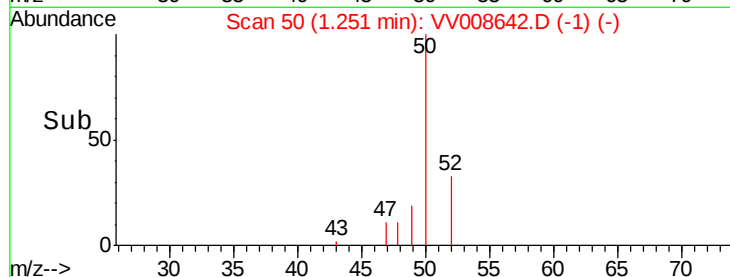
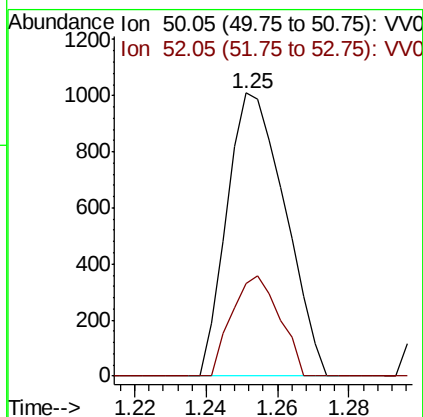
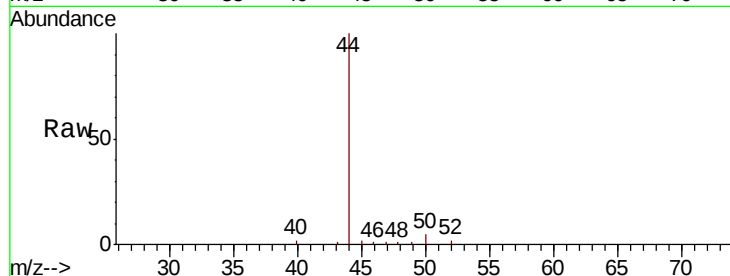
ETO76

Tgt Ion: 50 Resp: 1135

Ion Ratio Lower Upper

50 100

52 32.9 23.3 43.3



#13

Acetone

Concen: 3.983 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV008642.D

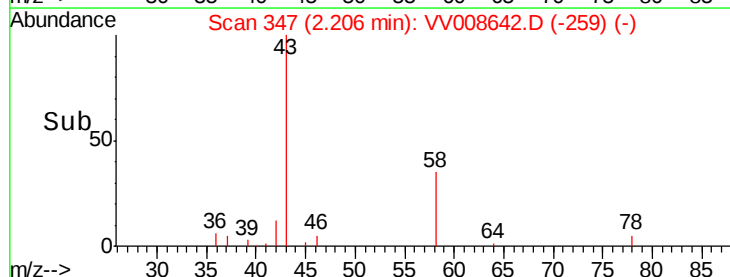
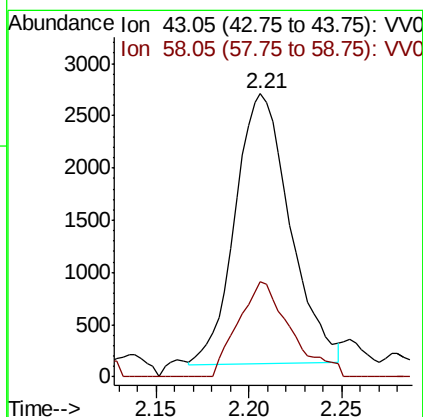
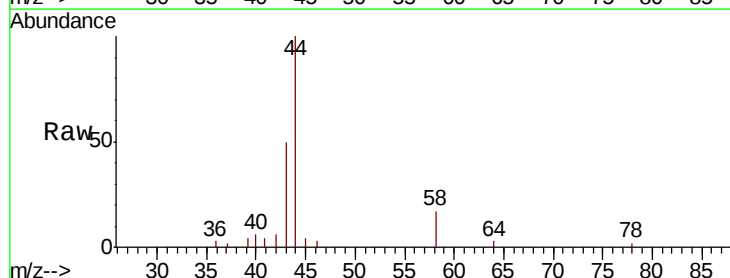
Acq: 19 Nov 2018 11:30

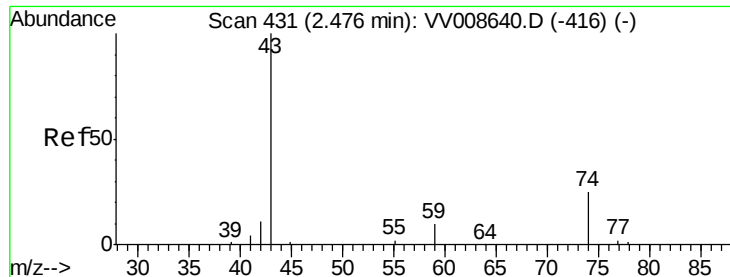
Tgt Ion: 43 Resp: 5315

Ion Ratio Lower Upper

43 100

58 33.9 0.0 56.4





#15

Methyl Acetate

Concen: 0.224 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.02 min

Lab File: VV008642.D

Acq: 19 Nov 2018 11:30

Instrument :

MSVOA_V

ClientSampled :

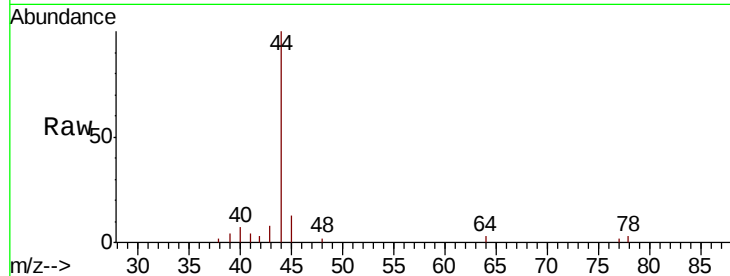
ETO76

Tgt Ion: 43 Resp: 748

Ion Ratio Lower Upper

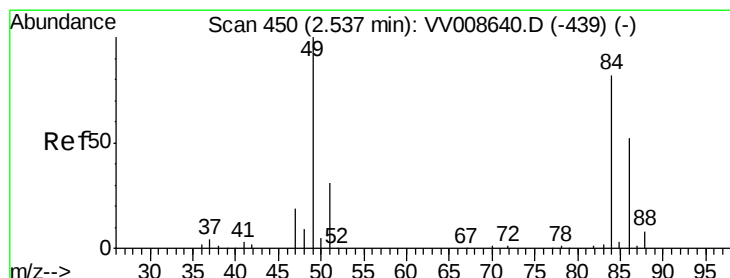
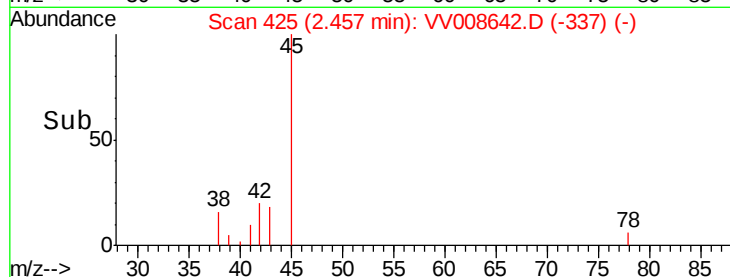
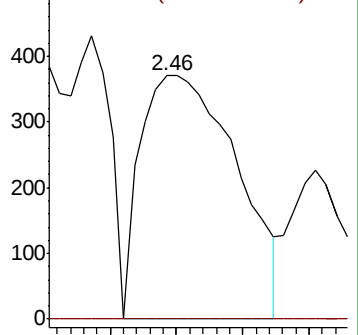
43 100

74 0.0 17.6 26.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 0.165 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008642.D

Acq: 19 Nov 2018 11:30

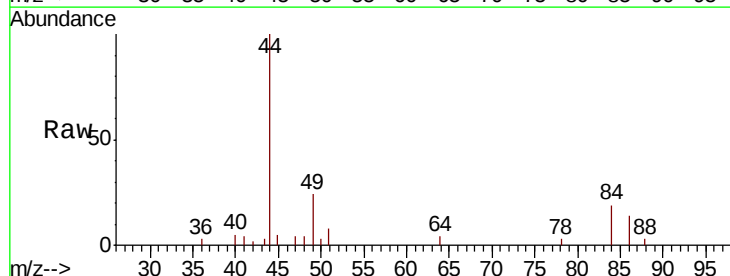
Tgt Ion: 84 Resp: 1502

Ion Ratio Lower Upper

84 100

86 71.1 44.8 83.2

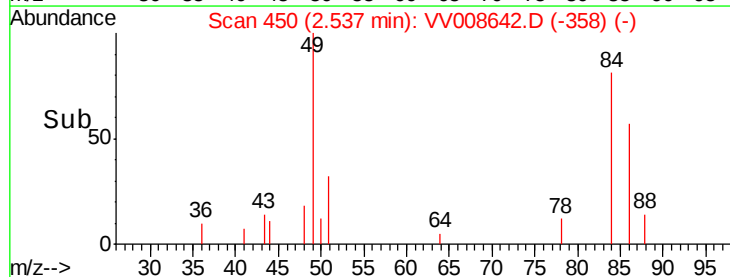
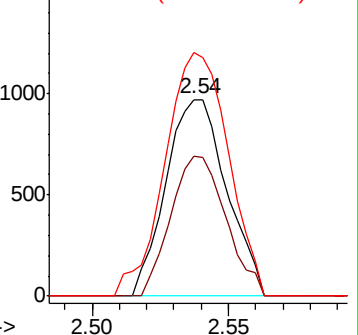
49 123.9 88.1 163.7

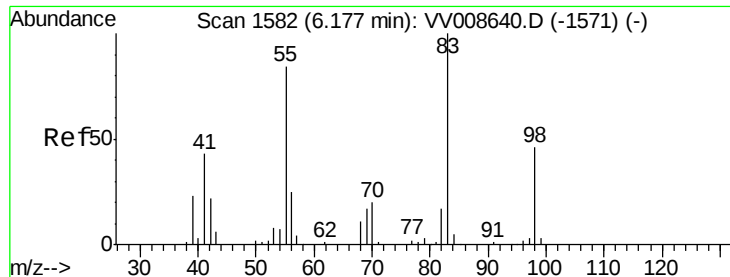


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

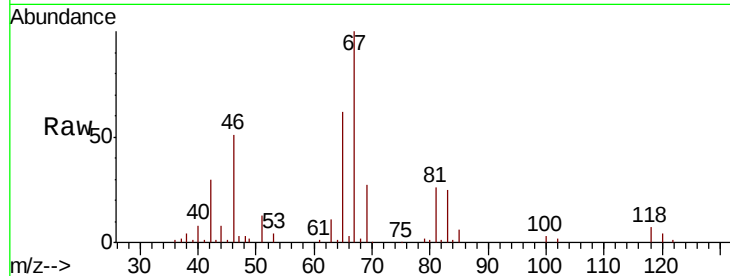




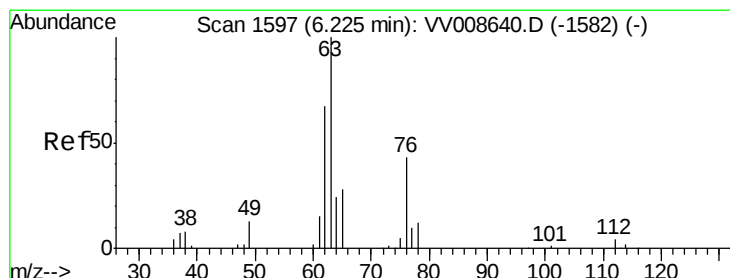
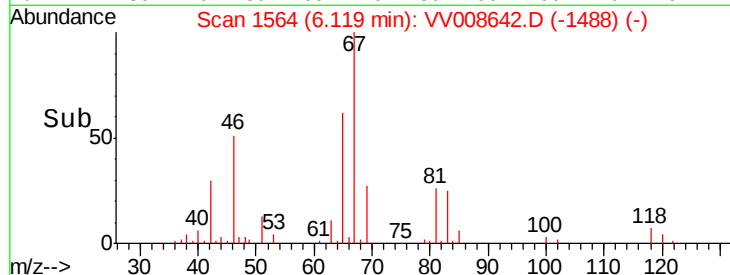
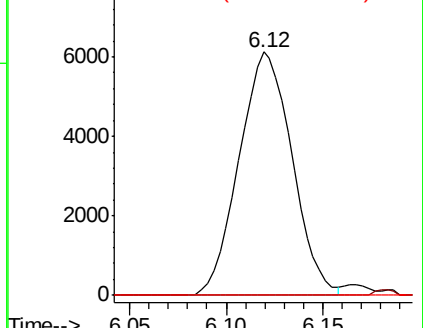
#35
Methylcyclohexane
Concen: 0.561 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV008642.D
Acq: 19 Nov 2018 11:30

Instrument :
MSVOA_V
ClientSampleId :
ETO76

Tgt Ion: 83 Resp: 11660
Ion Ratio Lower Upper
83 100
55 0.8 65.6 98.4#
98 0.0 36.4 54.6#

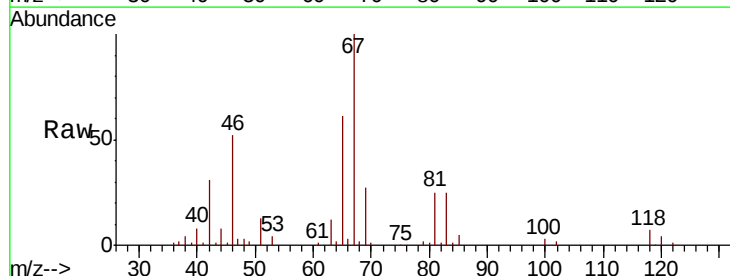


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

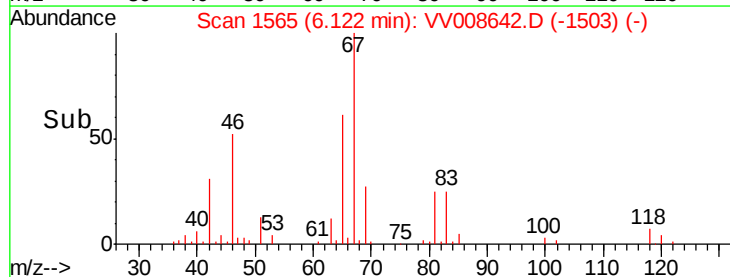
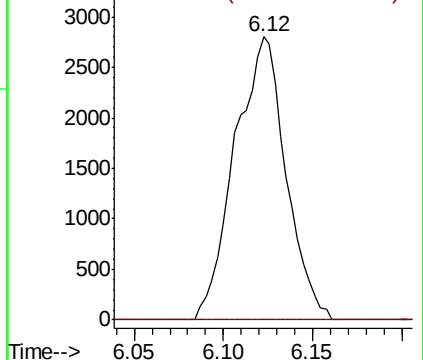


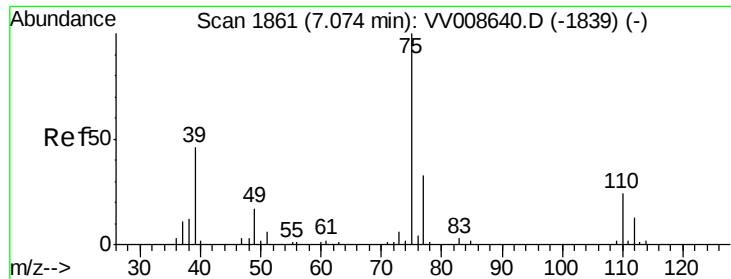
#37
1,2-Dichloropropane
Concen: 0.458 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008642.D
Acq: 19 Nov 2018 11:30

Tgt Ion: 63 Resp: 5585
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



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





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008642.D

Acq: 19 Nov 2018 11:30

Instrument :
MSVOA_V
ClientSampleId :
ETO76

Tgt Ion: 75 Resp: 1216

Ion Ratio Lower Upper

75 100

77 39.0 23.0 42.8

