

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062518\
 Data File : VV006451.D
 Acq On : 26 Jun 2018 02:06
 Operator : SY/MD
 Sample : J3674-13DL 100X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 26 09:11:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:50:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	313075	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	280334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89919	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	74878	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	117768	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.96	46	186265	48.29	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.41	84	151599	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.09	65	78462	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.11	84	339273	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	102365	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.37	98	298485	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	29132	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.14	63	137078	43.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57744	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	103861	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

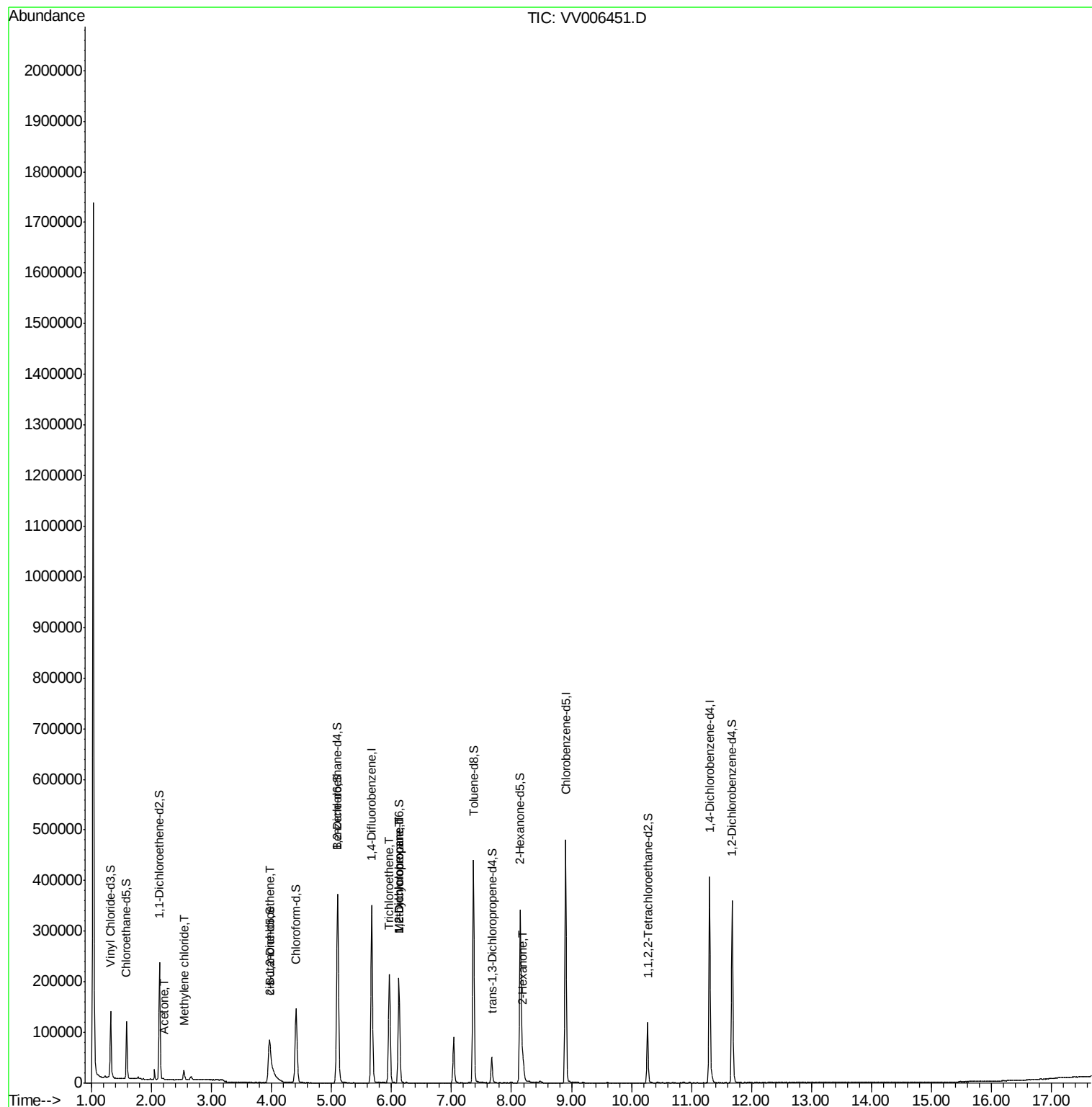
					Ovalue
13) Acetone	2.22	43	867	0.37 ug/L	51
16) Methylene chloride	2.54	84	7969	0.36 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	6765	0.30 ug/L	91
34) Trichloroethene	5.96	95	72754	3.07 ug/L	99
35) Methylcyclohexane	6.12	83	25393	0.74 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	10224	0.51 ug/L #	85
48) 2-Hexanone	8.19	43	23598	3.33 ug/L #	83

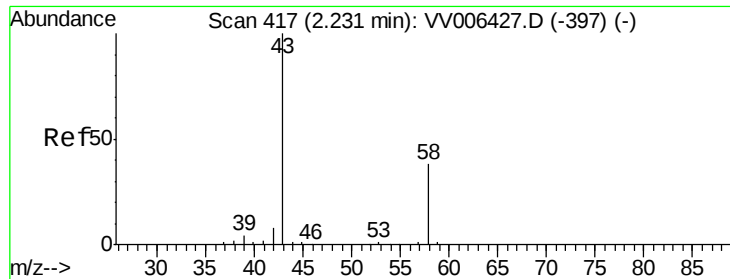
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 26 06:50:47 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.37 ug/L

RT: 2.22 min Scan# 412

Delta R.T. -0.02 min

Lab File: VV006451.D

Acq: 26 Jun 2018 02:06

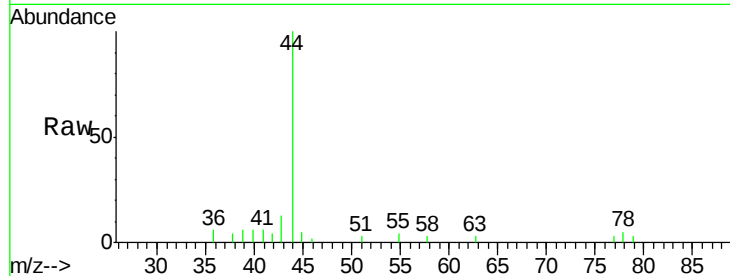
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 867

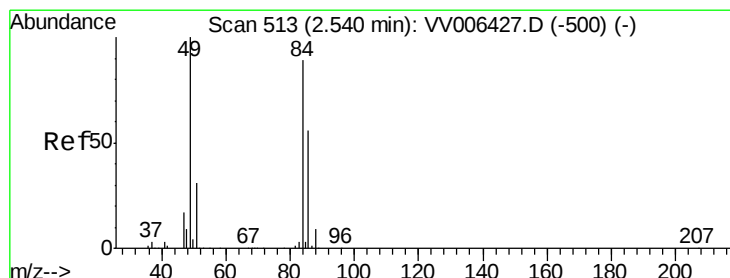
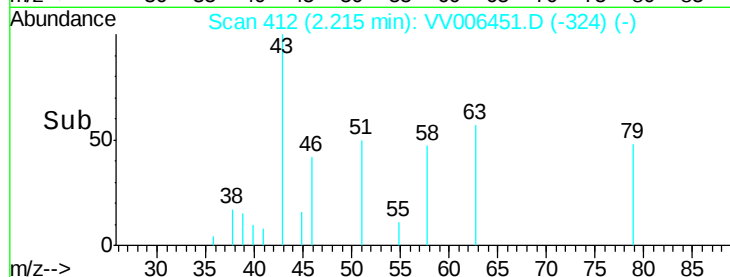
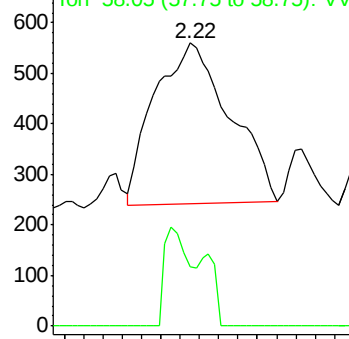
Ion Ratio Lower Upper

43 100

58 8.9 0.0 77.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.36 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006451.D

Acq: 26 Jun 2018 02:06

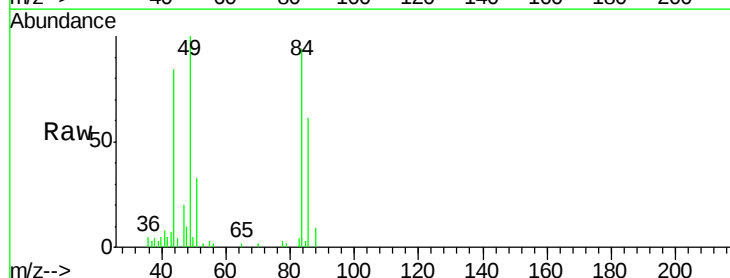
Tgt Ion: 84 Resp: 7969

Ion Ratio Lower Upper

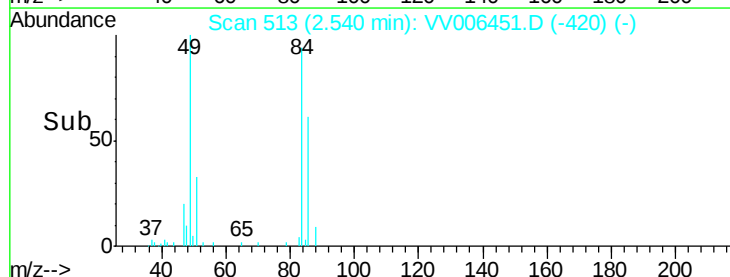
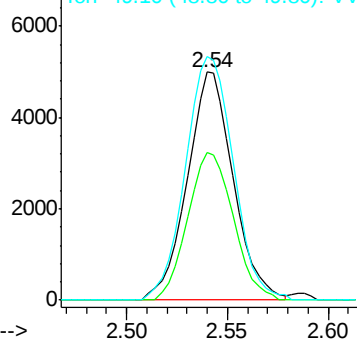
84 100

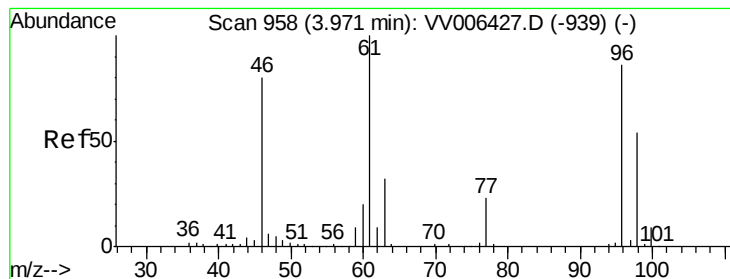
86 64.8 44.2 82.2

49 112.6 79.0 146.8



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: 0.30 ug/L

RT: 3.97 min Scan# 958

Delta R.T. -0.00 min

Lab File: VV006451.D

Acq: 26 Jun 2018 02:06

Instrument :
MSVOA_V
ClientSampleId :

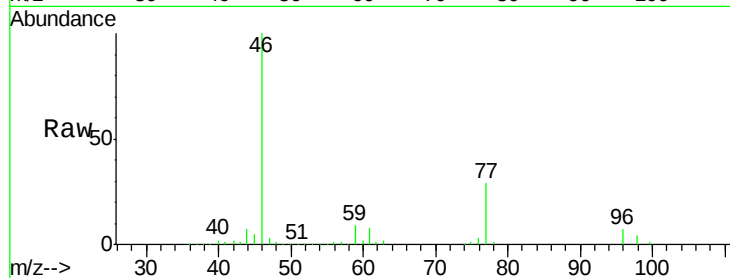
Tot Ion: 96 Resp: 6765

Ion Ratio Lower Upper

96 100

61 126.8 81.8 151.8

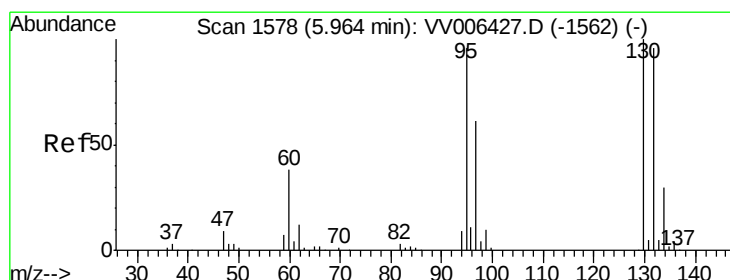
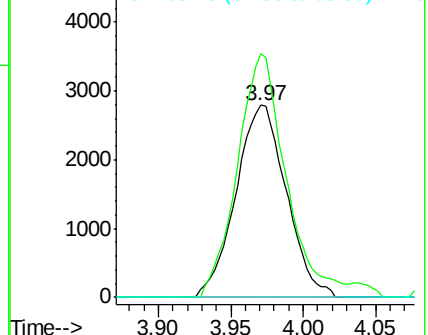
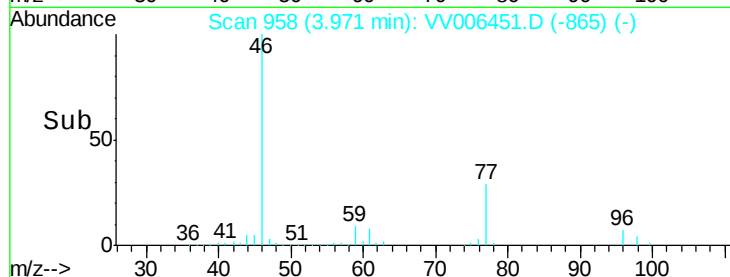
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006451.D (-865) (-)

Ion 61.05 (60.75 to 61.75): VV006451.D (-865) (-)

Ion 68.15 (67.85 to 68.85): VV006451.D (-865) (-)



#34

Trichloroethene

Concen: 3.07 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006451.D

Acq: 26 Jun 2018 02:06

Tgt Ion: 95 Resp: 72754

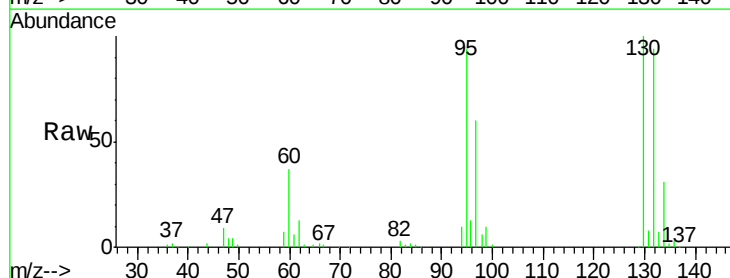
Ion Ratio Lower Upper

95 100

97 63.9 44.6 82.8

132 99.4 70.1 130.1

130 106.1 73.3 136.1

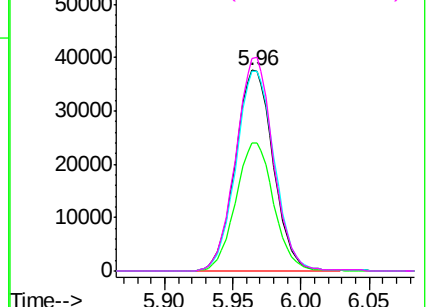
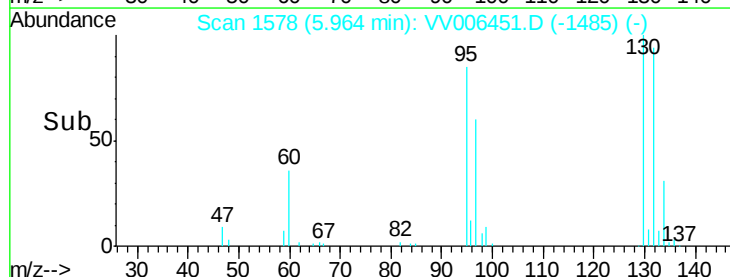


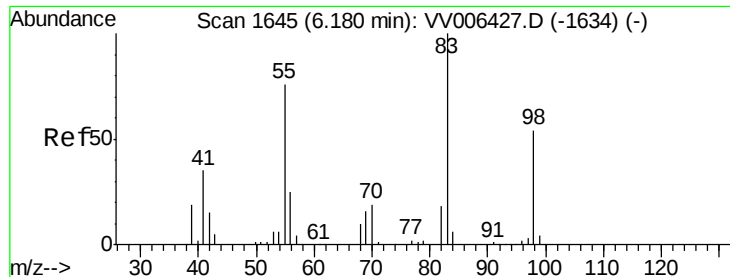
Abundance Ion 95.00 (94.70 to 95.70): VV006451.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006451.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006451.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006451.D (-1485) (-)

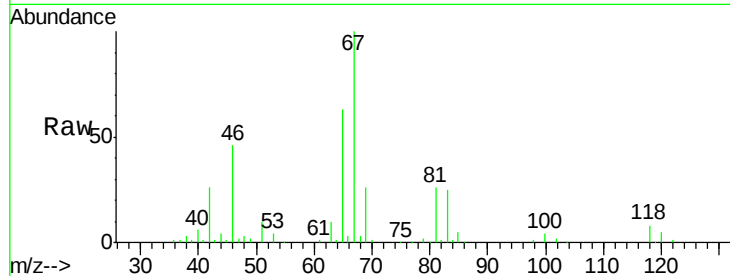




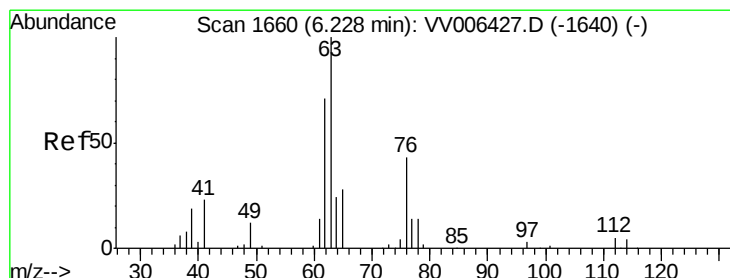
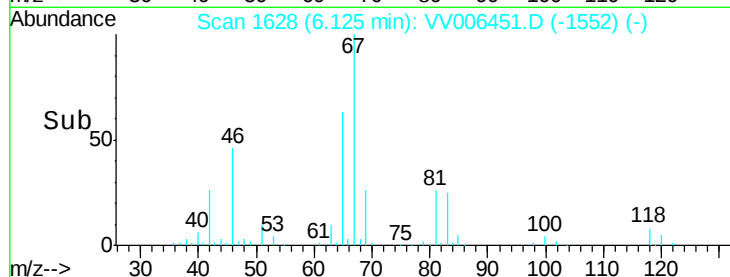
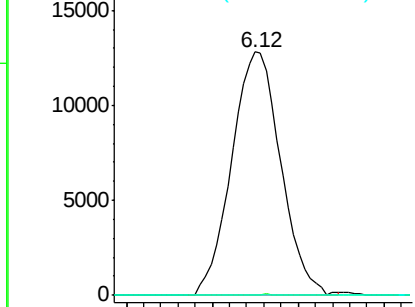
#35
Methvlcvclohexane
Concen: 0.74 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006451.D
Acq: 26 Jun 2018 02:06

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 25393
Ion Ratio Lower Upper
83 100
55 0.1 57.5 86.3#
98 0.0 39.6 59.4#

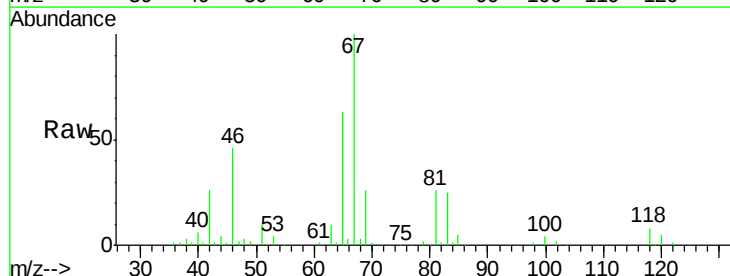


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

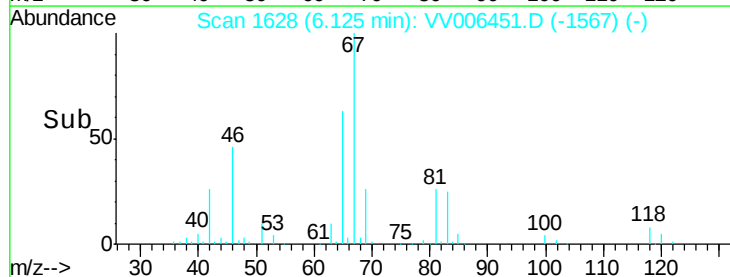
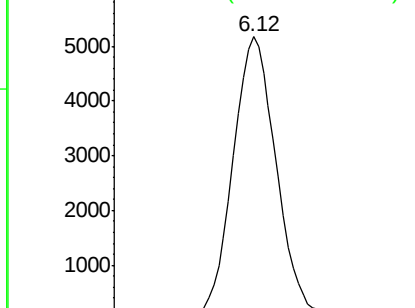


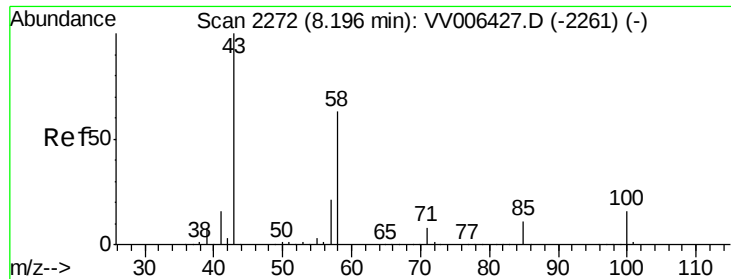
#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006451.D
Acq: 26 Jun 2018 02:06

Tgt Ion: 63 Resp: 10224
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



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





#48

2-Hexanone

Concen: 3.33 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006451.D

Acq: 26 Jun 2018 02:06

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 23598

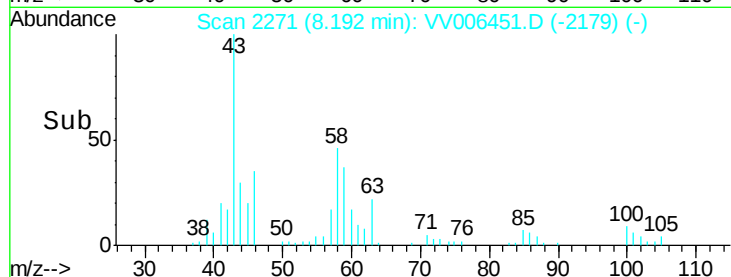
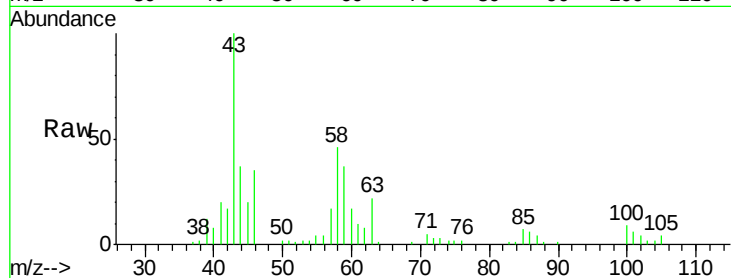
Ion Ratio Lower Upper

43 100

58 47.3 49.9 74.9#

57 16.7 17.3 25.9#

100 9.4 12.5 18.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

