

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
 Data File : VV006672.D
 Acq On : 20 Jul 2018 17:22
 Operator : SY/MD
 Sample : J4078-03
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA4

Quant Time: Jul 26 02:10:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 26 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	232743	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	215036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86249	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	61836	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.13	63	116675	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.95	46	138797	39.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.26%
24) Chloroform-d	4.41	84	142703	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.09	65	67361	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	306107	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.12	67	94639	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	264908	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.67	79	24912	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	142029	46.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64489	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	92125	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

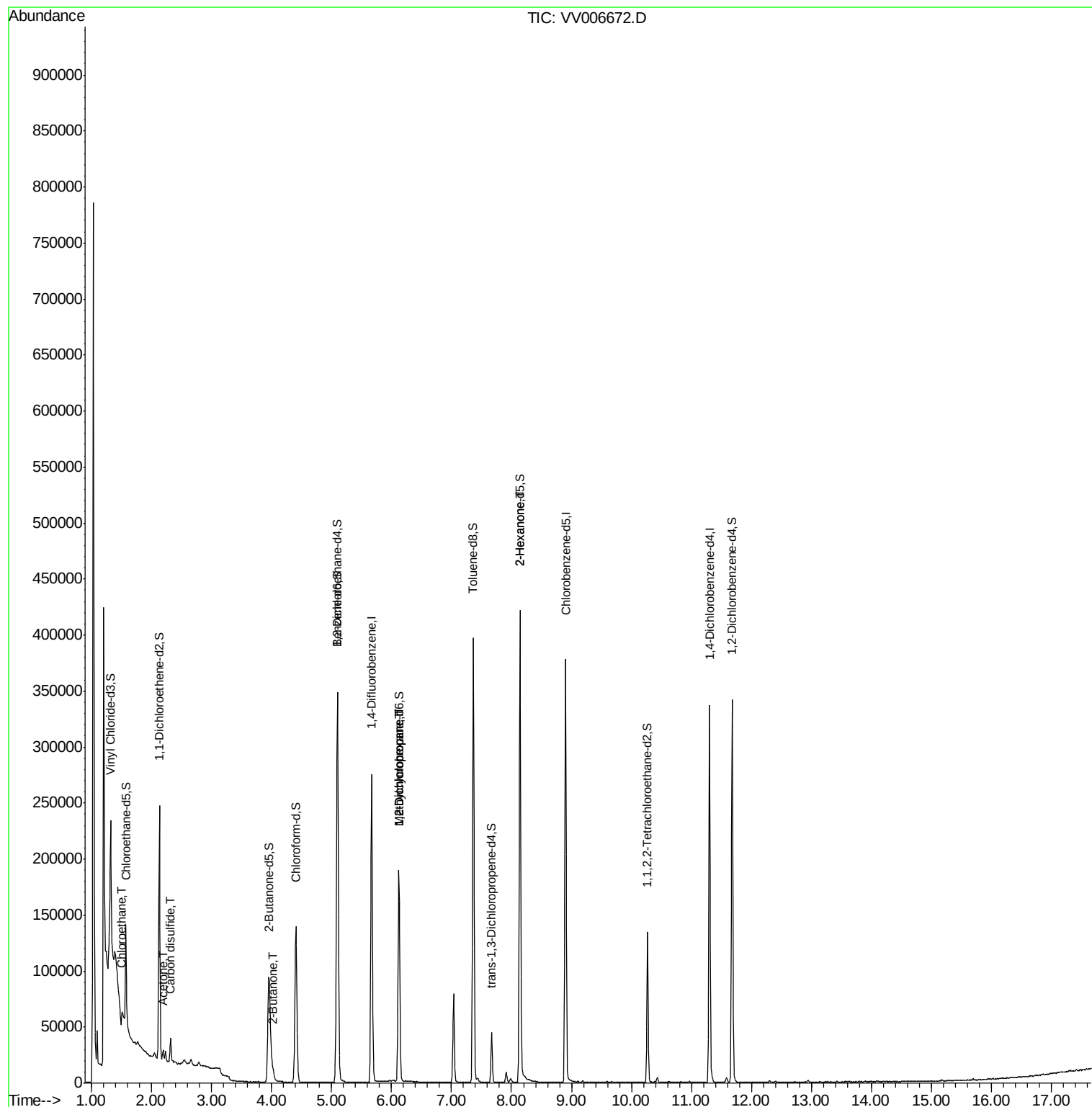
					Qvalue
8) Chloroethane	1.51	64	80291	5.782 ug/L #	54
13) Acetone	2.19	43	6508	2.392 ug/L	96
14) Carbon disulfide	2.32	76	23084	0.413 ug/L	97
21) 2-Butanone	4.03	43	2278	0.500 ug/L #	58
35) Methylcyclohexane	6.12	83	21984	0.688 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9502	0.492 ug/L #	86
48) 2-Hexanone	8.14	43	15967	2.190 ug/L #	70

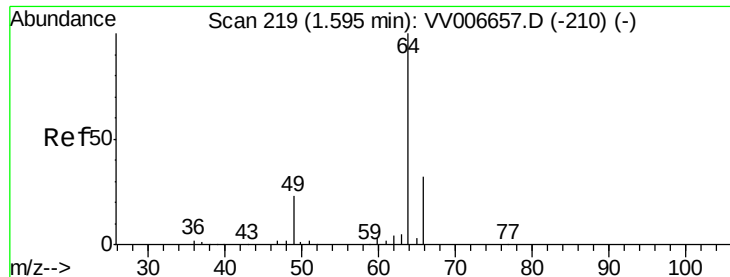
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 5.782 ug/L

RT: 1.51 min Scan# 193

Delta R.T. -0.08 min

Lab File: VV006672.D

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Instrument :

MSVOA_V

ClientSampleId :

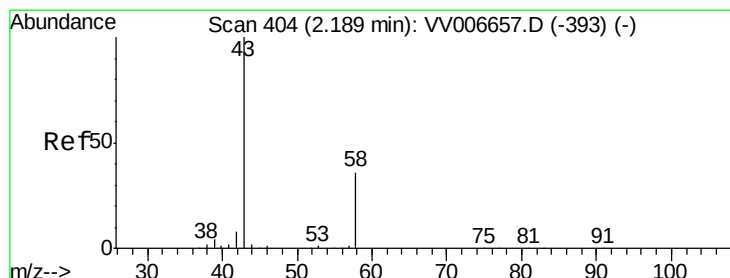
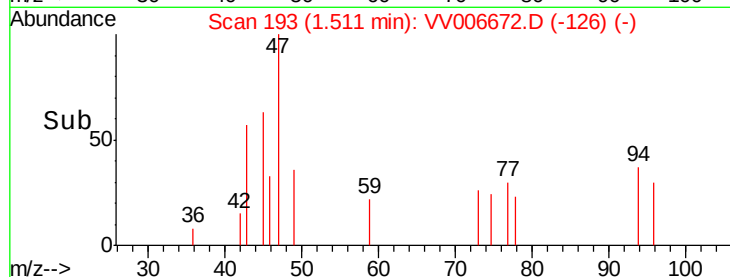
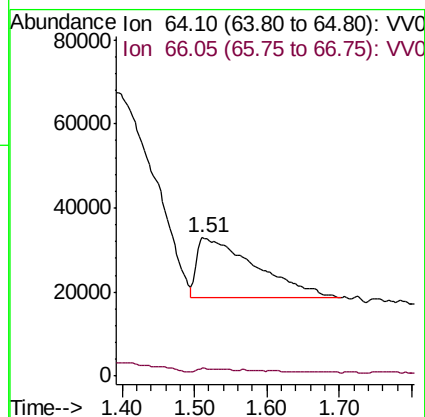
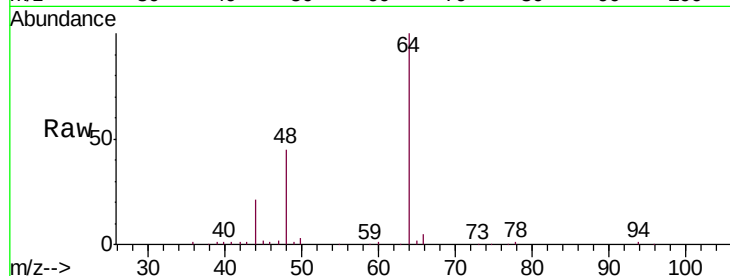
C0AA4

Tgt Ion: 64 Resp: 80291

Ion Ratio Lower Upper

64 100

66 5.5 21.1 39.3#



#13

Acetone

Concen: 2.392 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006672.D

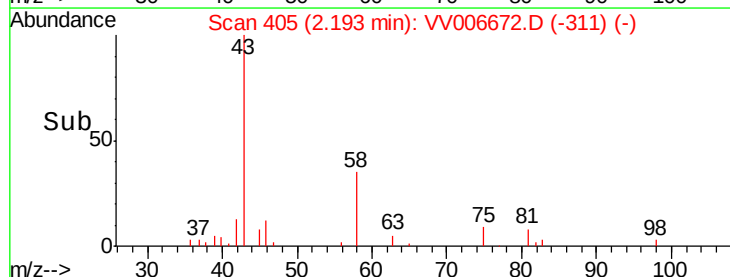
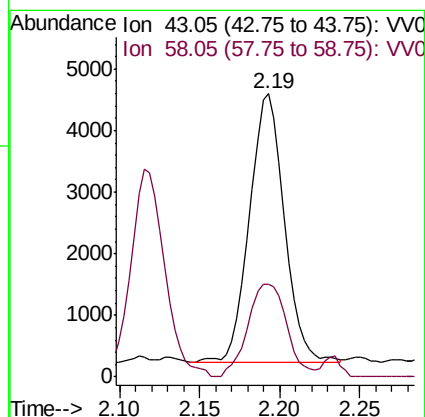
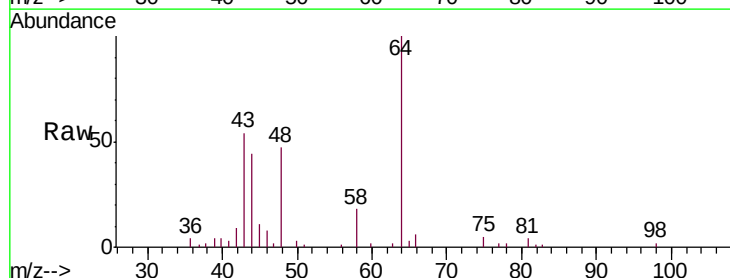
Acq: 20 Jul 2018 17:22

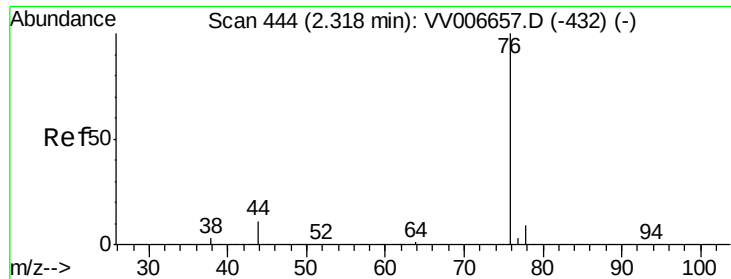
Tgt Ion: 43 Resp: 6508

Ion Ratio Lower Upper

43 100

58 38.5 0.0 72.8

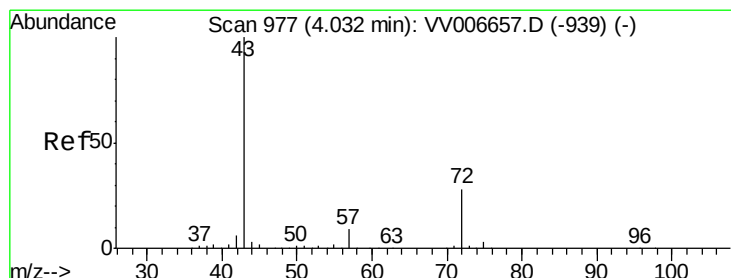
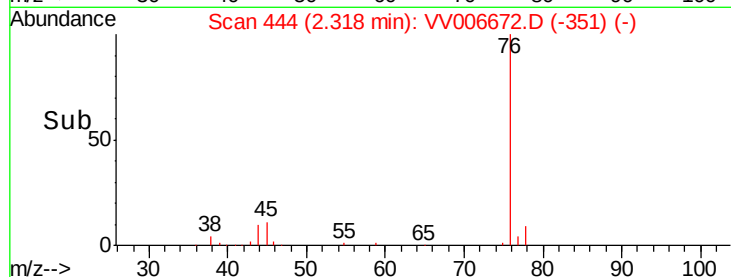
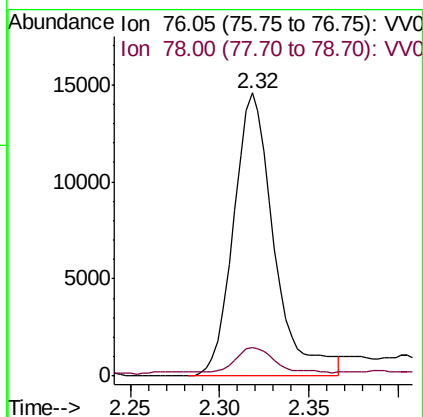
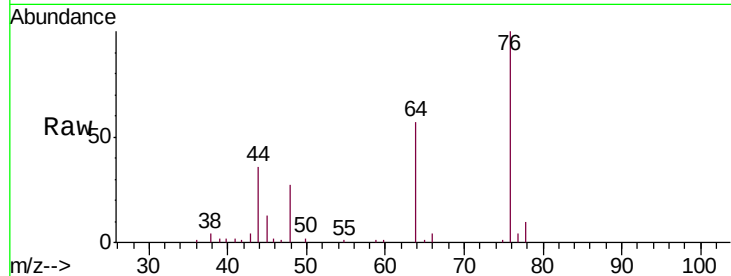




#14
Carbon disulfide
Concen: 0.413 ug/L
RT: 2.32 min Scan# 444
Delta R.T. 0.00 min
Lab File: VV006672.D
Acq: 20 Jul 2018 17:22

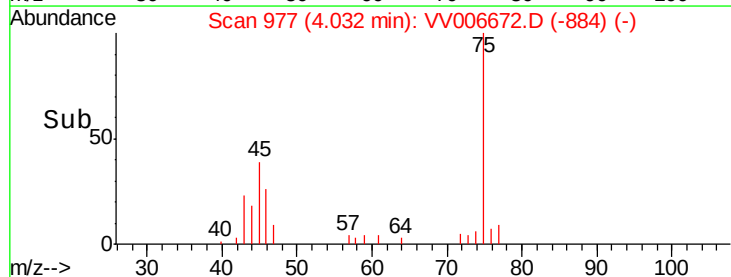
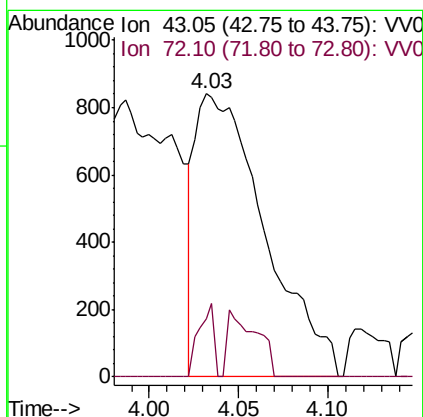
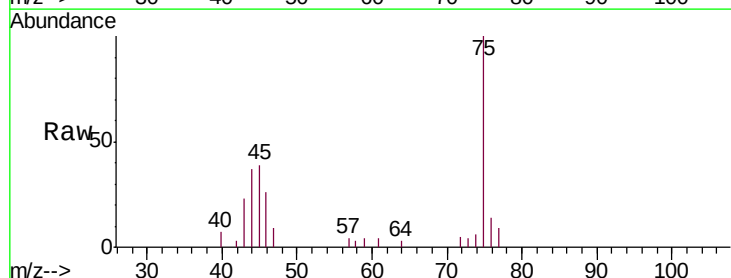
Instrument :
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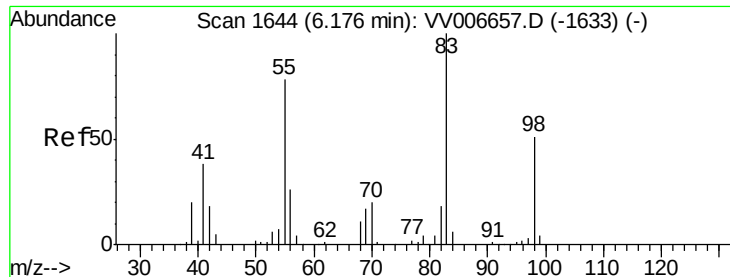
Tgt Ion: 76 Resp: 23084
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#21
2-Butanone
Concen: 0.500 ug/L
RT: 4.03 min Scan# 977
Delta R.T. -0.00 min
Lab File: VV006672.D
Acq: 20 Jul 2018 17:22

Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
72 5.5 13.9 41.6#

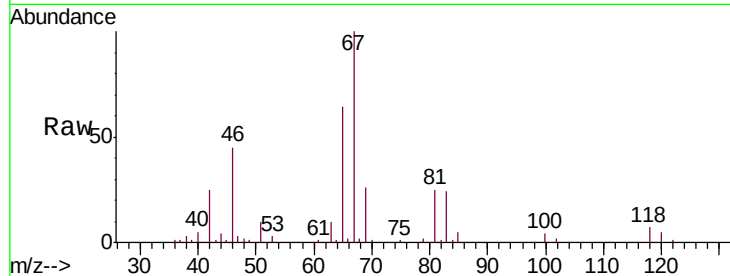




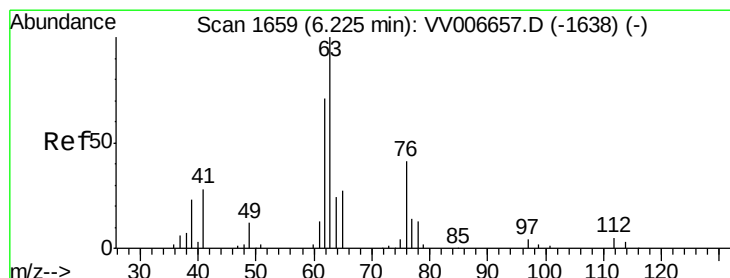
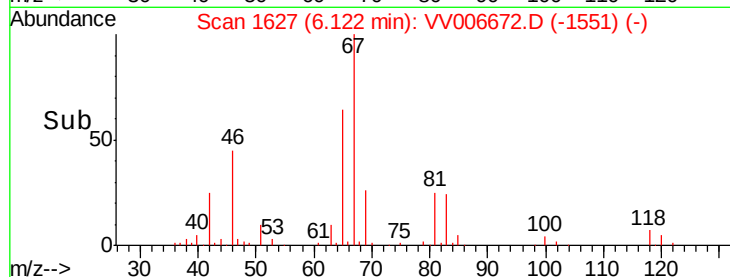
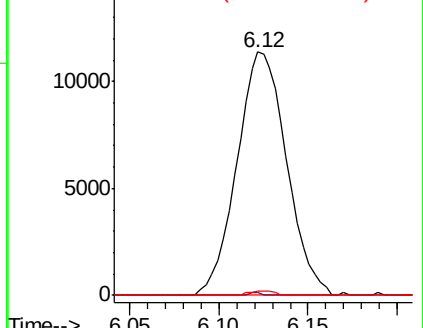
#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.05 min
Lab File: VV006672.D
Acq: 20 Jul 2018 17:22

Instrument :
MSVOA_V
ClientSampleId :
C0AA4

Tgt Ion: 83 Resp: 21984
Ion Ratio Lower Upper
83 100
55 0.2 61.3 91.9#
98 0.9 39.4 59.0#

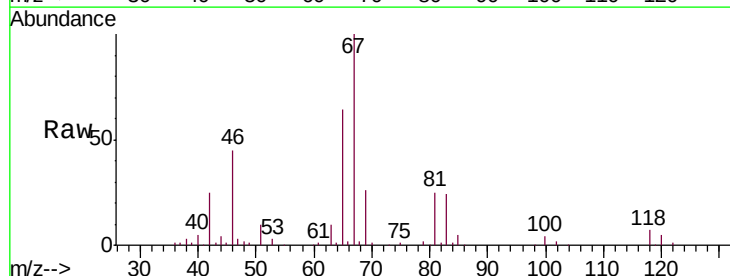


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

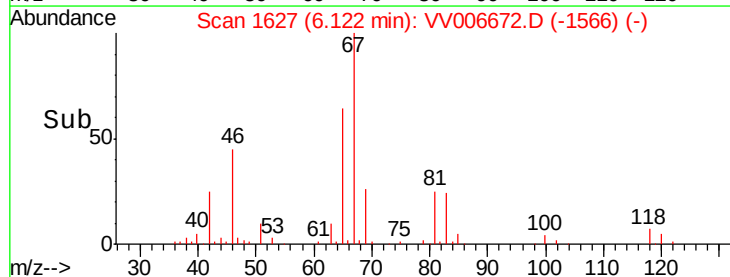
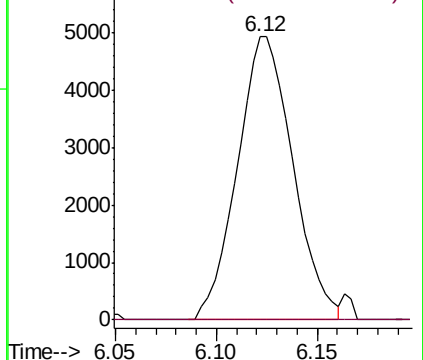


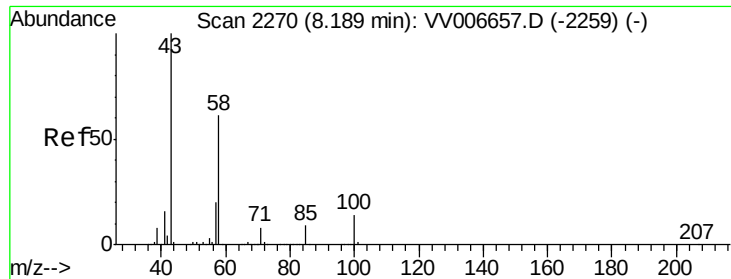
#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VV006672.D
Acq: 20 Jul 2018 17:22

Tgt Ion: 63 Resp: 9502
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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





#48

2-Hexanone

Concen: 2.190 ug/L

RT: 8.14 min Scan# 2255

Delta R.T. -0.05 min

Lab File: VV006672.D

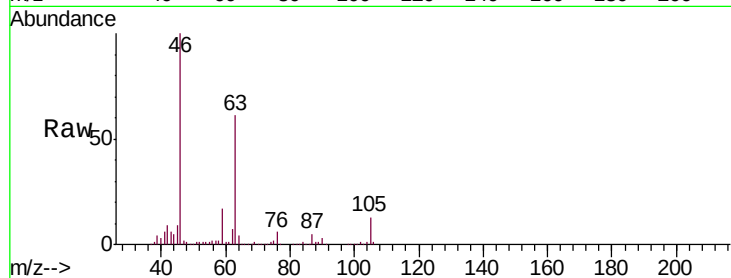
Acq: 20 Jul 2018 17:22

Instrument :

MSVOA_V

ClientSampleId :

C0AA4



Tgt Ion: 43 Resp: 15967

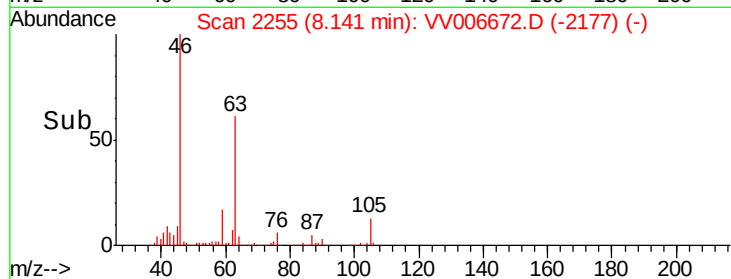
Ion Ratio Lower Upper

43 100

58 35.1 48.2 72.2#

57 30.7 16.2 24.4#

100 2.4 11.0 16.4#



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

