

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006688.D
 Acq On : 21 Jul 2018 15:58
 Operator : SY/MD
 Sample : J4078-04
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA6

Quant Time: Jul 22 23:07:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jul 22 23:06:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	225080	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	208639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88795	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68263	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	55491	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	100997	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.95	46	143188	41.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.48%
24) Chloroform-d	4.41	84	130812	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.09	65	63218	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	275981	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	88384	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	234490	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.67	79	25377	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	137533	46.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61236	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	82265	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

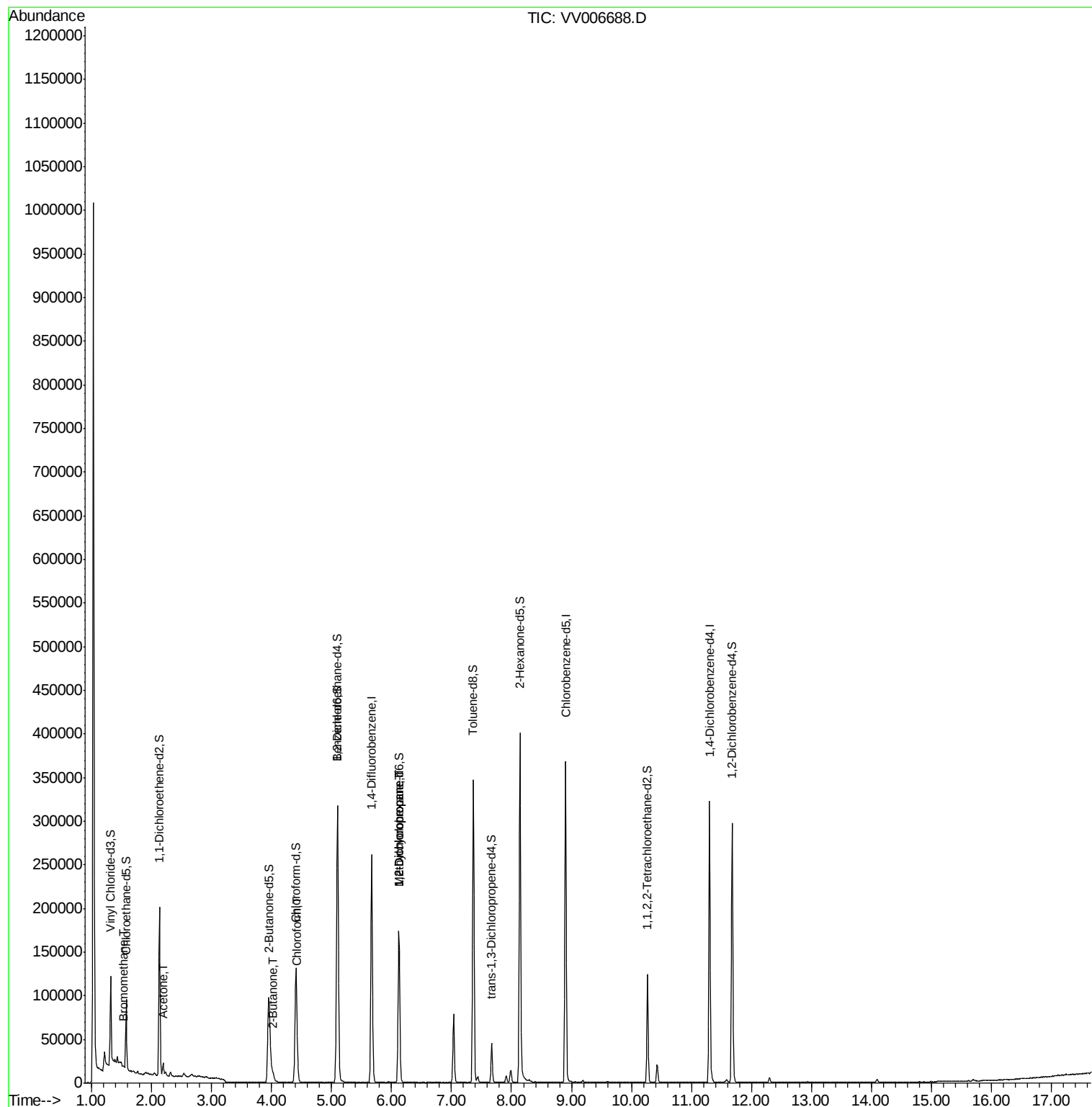
					Qvalue
6) Bromomethane	1.53	94	1410	0.213 ug/L	96
13) Acetone	2.19	43	9823	3.733 ug/L	99
21) 2-Butanone	4.04	43	5725	1.299 ug/L	91
25) Chloroform	4.43	83	6755	0.216 ug/L	89
35) Methylcyclohexane	6.12	83	20505	0.662 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8798	0.470 ug/L #	86

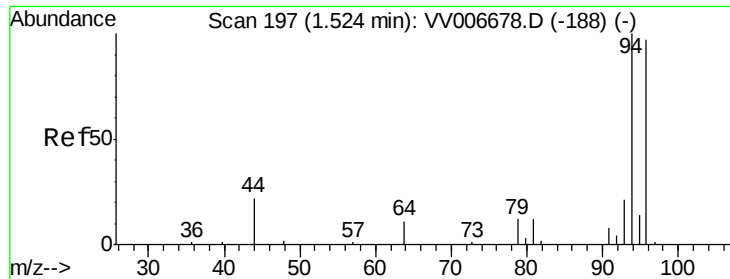
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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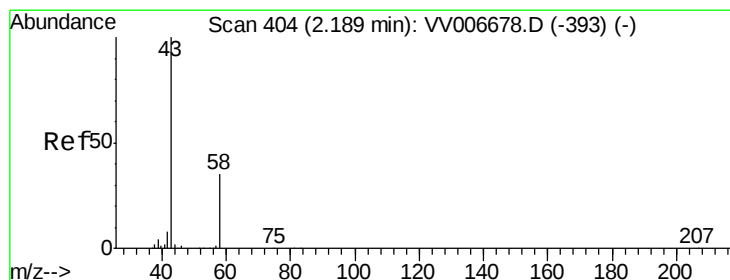
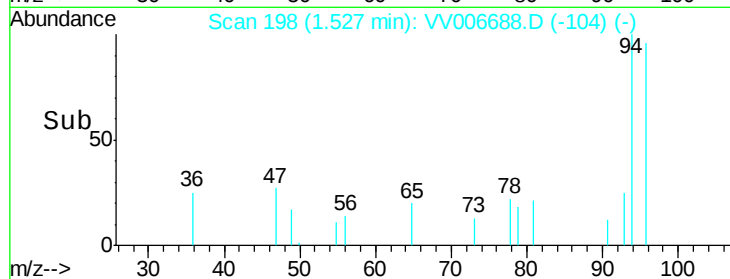
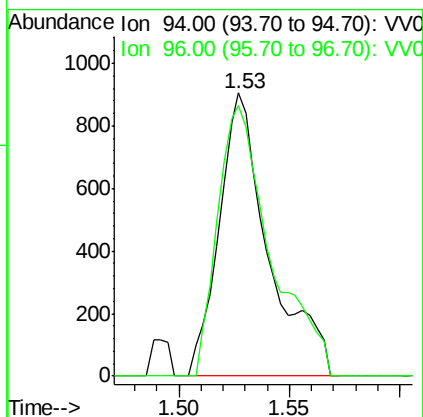
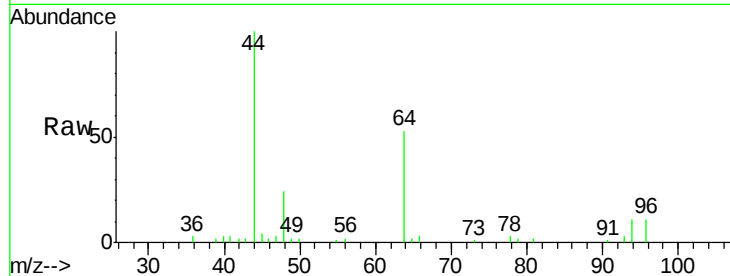




#6
 Bromomethane
 Concen: 0.213 ug/L
 RT: 1.53 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: VV006688.D
 Acq: 21 Jul 2018 15:58

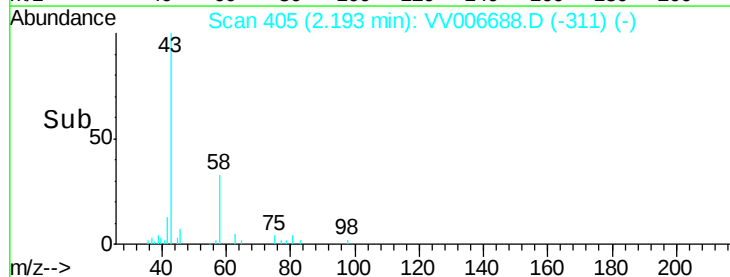
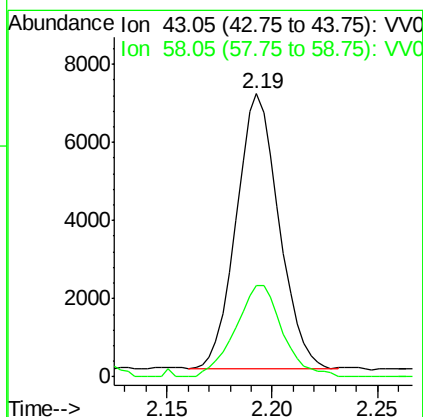
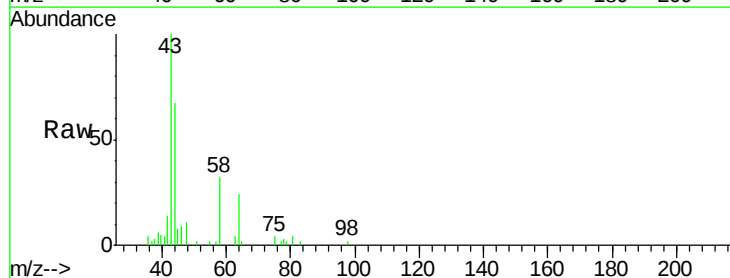
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA6

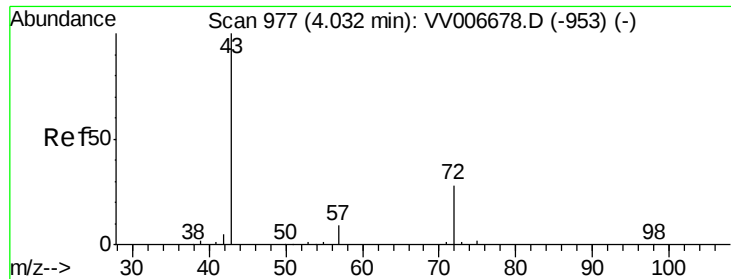
Tgt Ion: 94 Resp: 1410
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.5 119.7



#13
 Acetone
 Concen: 3.733 ug/L
 RT: 2.19 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: VV006688.D
 Acq: 21 Jul 2018 15:58

Tgt Ion: 43 Resp: 9823
 Ion Ratio Lower Upper
 43 100
 58 37.0 0.0 72.8





#21

2-Butanone

Concen: 1.299 ug/L

RT: 4.04 min Scan# 979

Delta R.T. 0.01 min

Lab File: VV006688.D

Acq: 21 Jul 2018 15:58

Instrument :

MSVOA_V

ClientSampleId :

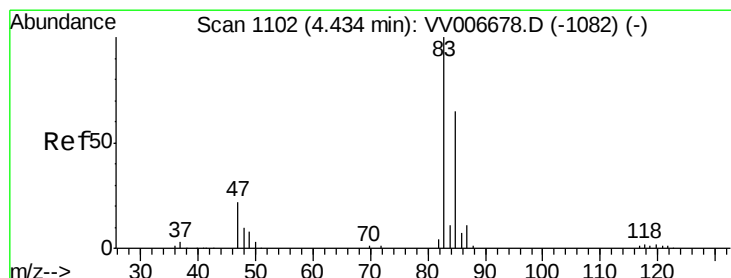
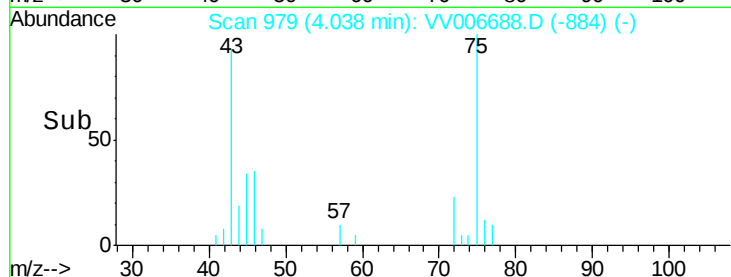
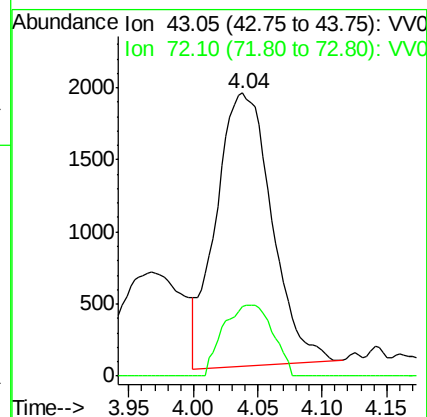
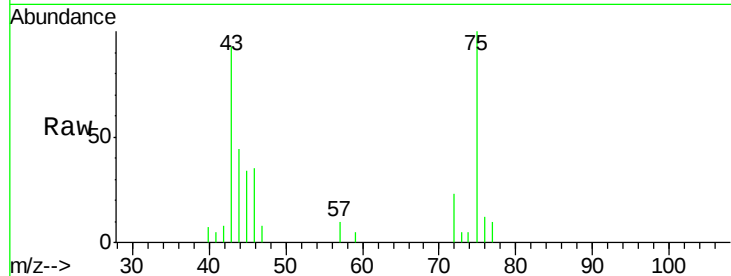
C0AA6

Tgt Ion: 43 Resp: 5725

Ion Ratio Lower Upper

43 100

72 23.1 13.9 41.6



#25

Chloroform

Concen: 0.216 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV006688.D

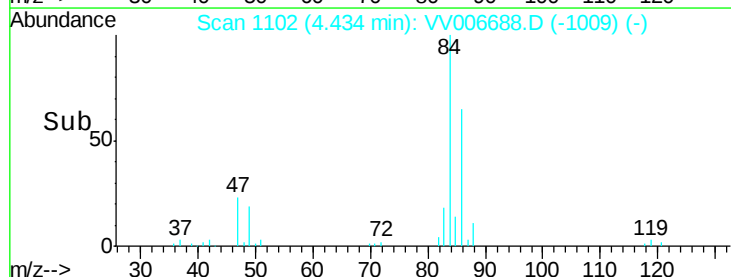
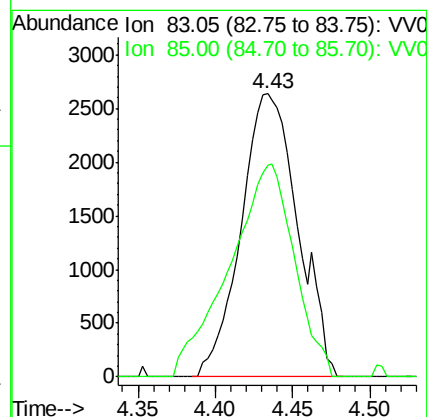
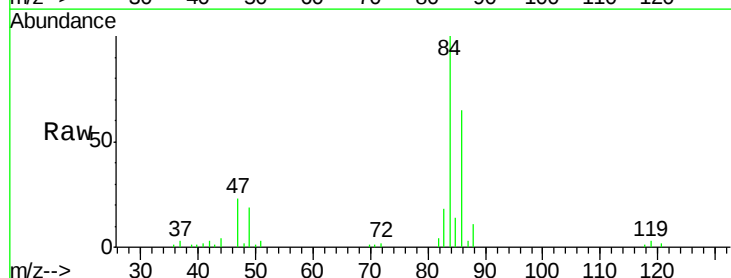
Acq: 21 Jul 2018 15:58

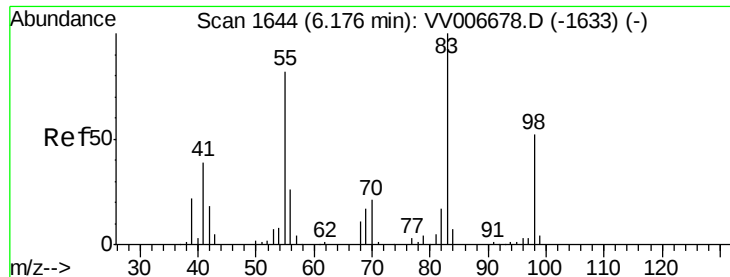
Tgt Ion: 83 Resp: 6755

Ion Ratio Lower Upper

83 100

85 75.0 46.1 85.7

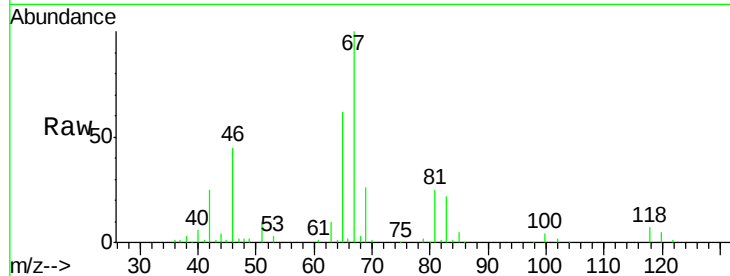




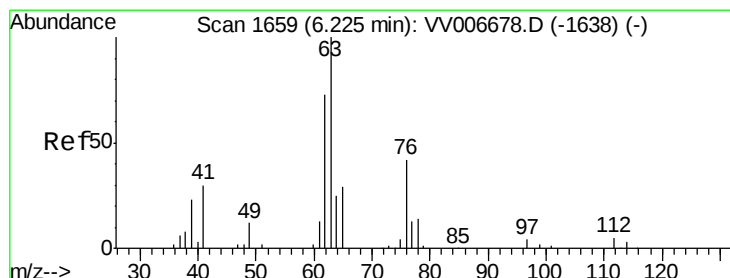
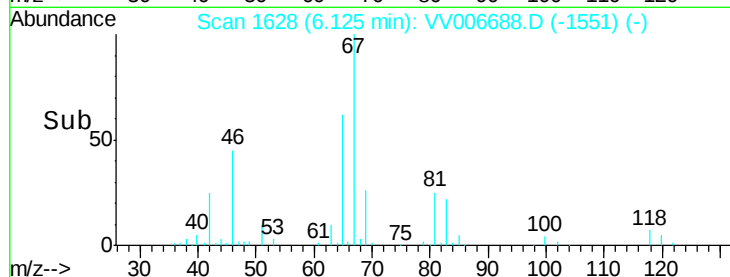
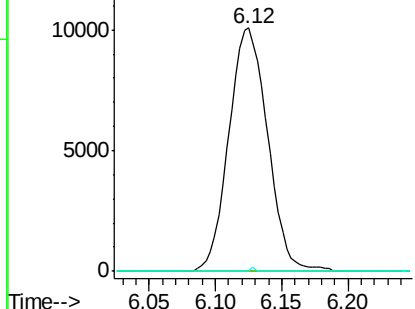
#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006688.D
Acq: 21 Jul 2018 15:58

Instrument :
MSVOA_V
ClientSampleId :
C0AA6

Tgt Ion: 83 Resp: 20505
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.2 39.4 59.0#

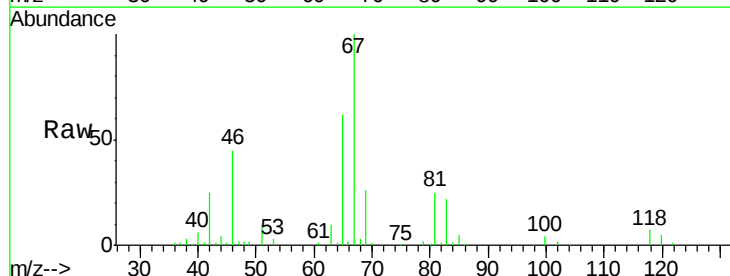


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006688.D
Acq: 21 Jul 2018 15:58

Tgt Ion: 63 Resp: 8798
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

