

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006304.D
 Acq On : 16 Jun 2018 02:17
 Operator : SY/MD
 Sample : J3473-15
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KC2

Quant Time: Jun 16 05:16:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 16 00:57:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	260858	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101269	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61477	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	61572	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.13	63	88727	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.98	46	210177	69.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.96%#
24) Chloroform-d	4.41	84	140093	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.09	65	73610	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.11	84	273717	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.12	67	89276	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.36	98	229165	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	25129	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.14	63	158589	48.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63960	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	93124	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

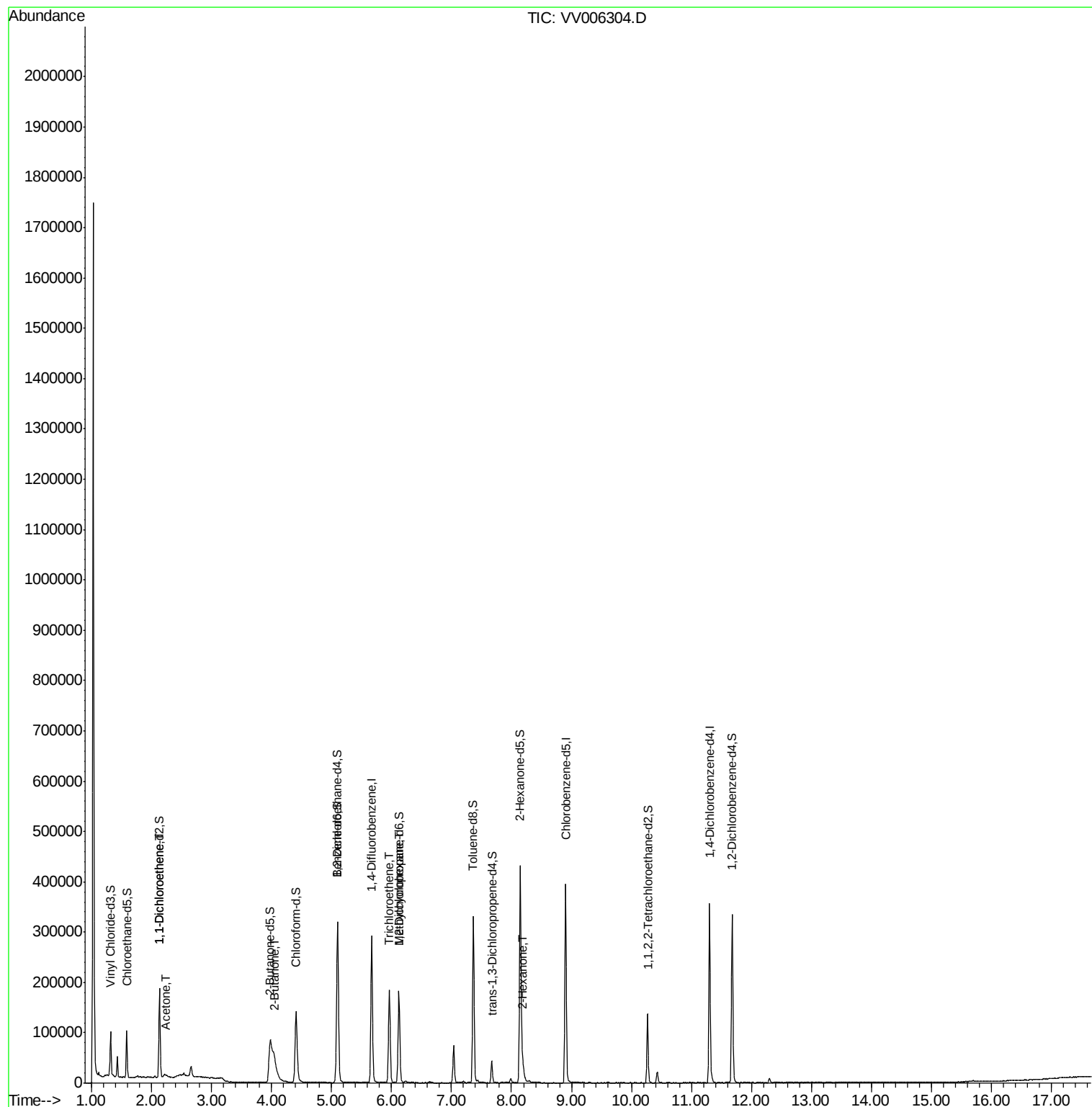
					Qvalue
12) 1,1-Dichloroethene	2.14	96	4495	0.300 ug/L #	1
13) Acetone	2.24	43	16101	9.822 ug/L	92
21) 2-Butanone	4.05	43	8024	2.691 ug/L #	71
34) Trichloroethene	5.96	95	62427	3.576 ug/L	98
35) Methylcyclohexane	6.12	83	22539	0.751 ug/L #	20
48) 2-Hexanone	8.19	43	18379	3.300 ug/L #	83

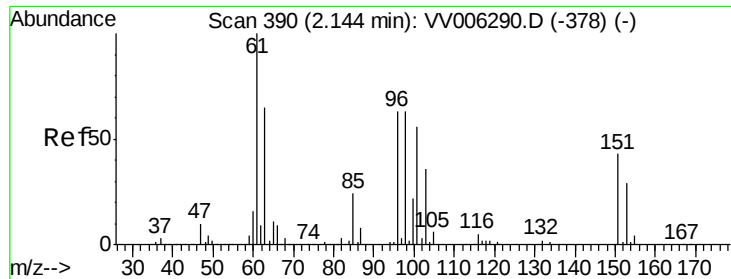
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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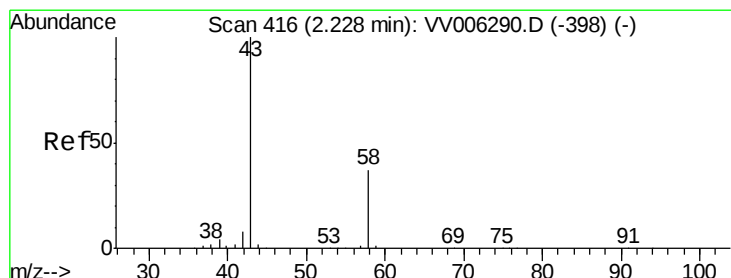
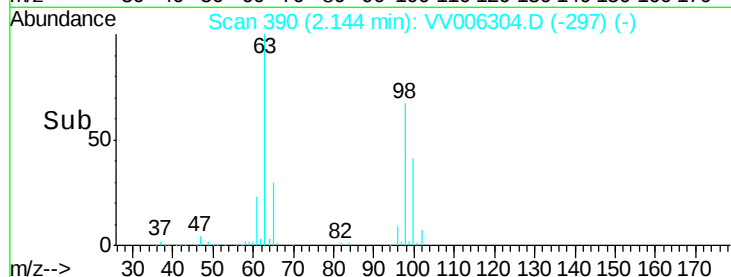
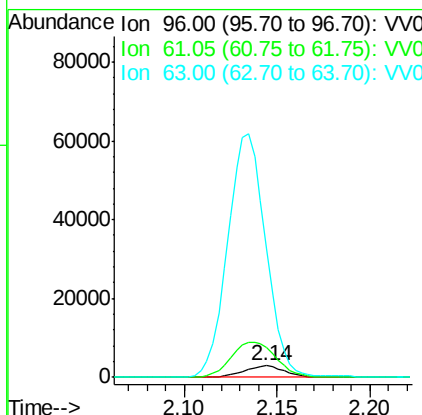
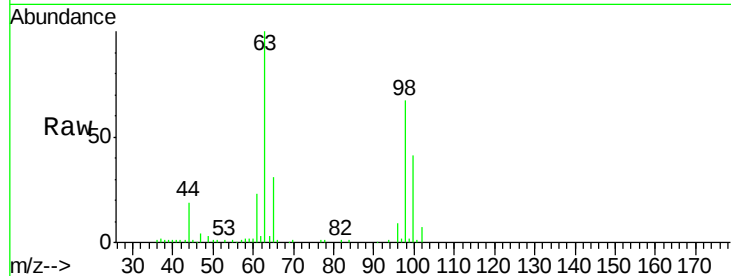




#12
 1,1-Dichloroethene
 Concen: 0.300 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV006304.D
 Acq: 16 Jun 2018 02:17

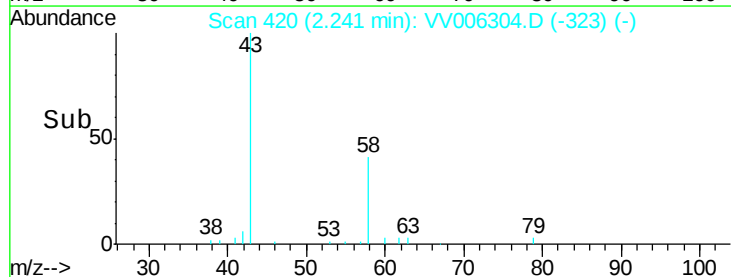
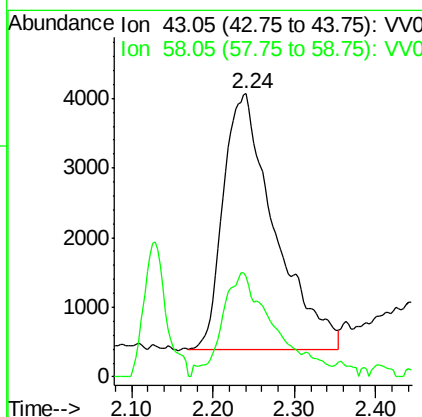
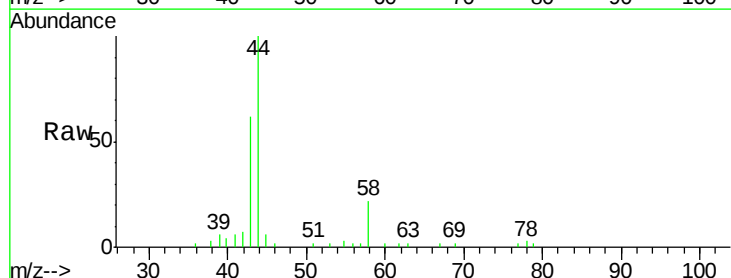
Instrument :
 MSVOA_V
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 C0KC2

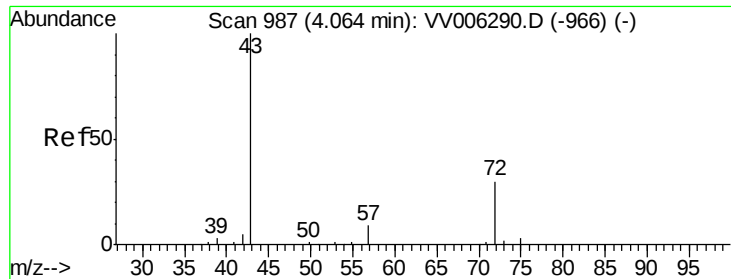
Tgt Ion: 96 Resp: 4495
 Ion Ratio Lower Upper
 96 100
 61 260.8 114.2 212.2#
 63 1129.0 85.0 157.8#



#13
 Acetone
 Concen: 9.822 ug/L
 RT: 2.24 min Scan# 420
 Delta R.T. 0.01 min
 Lab File: VV006304.D
 Acq: 16 Jun 2018 02:17

Tgt Ion: 43 Resp: 16101
 Ion Ratio Lower Upper
 43 100
 58 38.0 0.0 67.4





#21

2-Butanone

Concen: 2.691 ug/L

RT: 4.05 min Scan# 984

Delta R.T. -0.01 min

Lab File: VV006304.D

Acq: 16 Jun 2018 02:17

Instrument :

MSVOA_V

ClientSampleId :

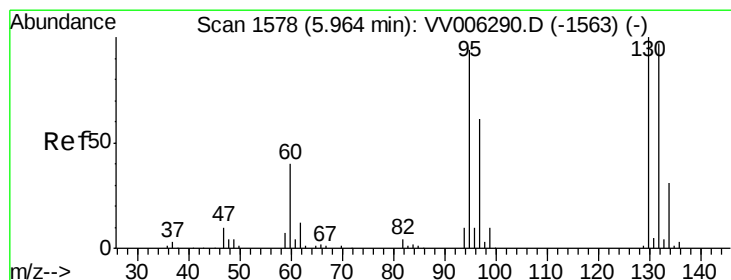
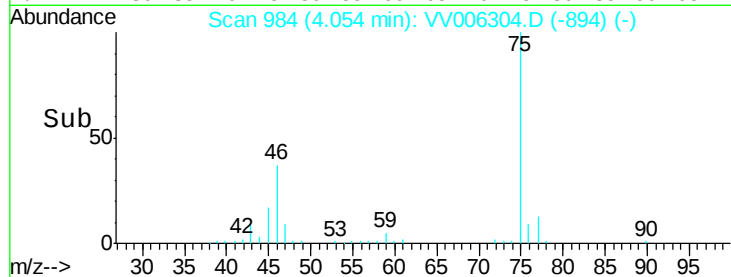
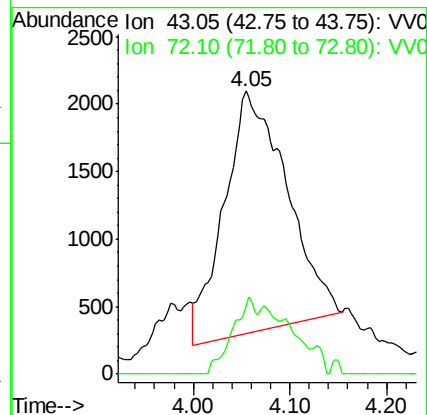
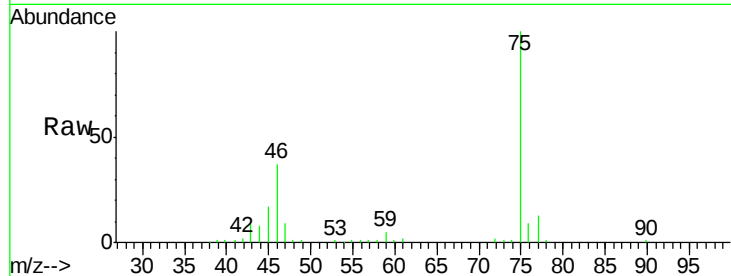
C0KC2

Tgt Ion: 43 Resp: 8024

Ion Ratio Lower Upper

43 100

72 12.5 13.8 41.3#



#34

Trichloroethene

Concen: 3.576 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006304.D

Acq: 16 Jun 2018 02:17

Tgt Ion: 95 Resp: 62427

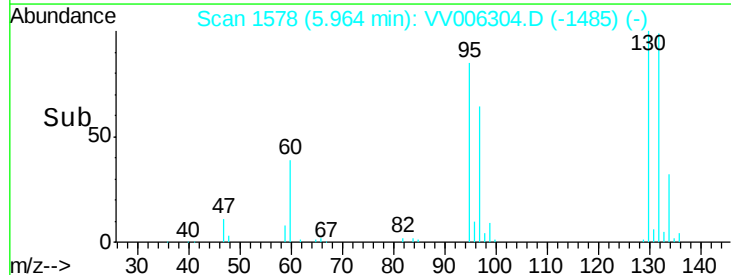
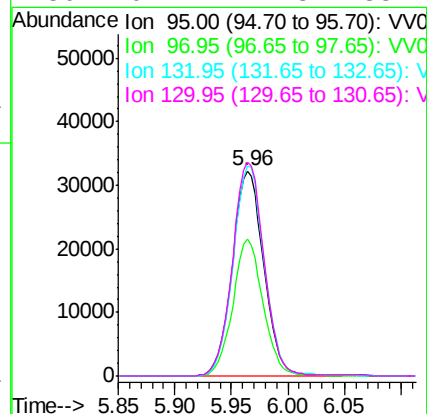
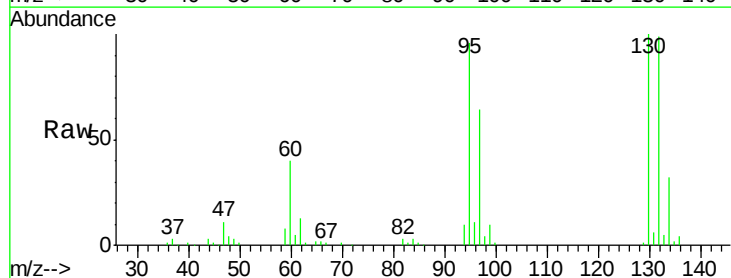
Ion Ratio Lower Upper

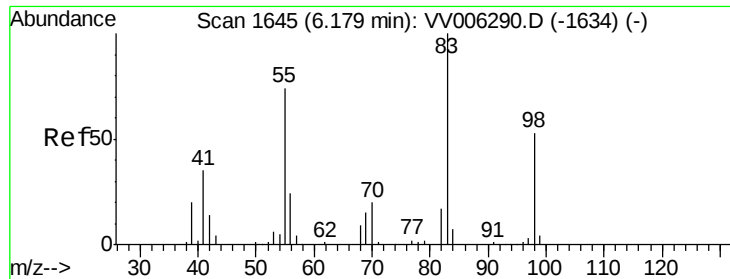
95 100

97 66.6 45.1 83.9

132 102.5 69.0 128.1

130 104.1 72.8 135.2

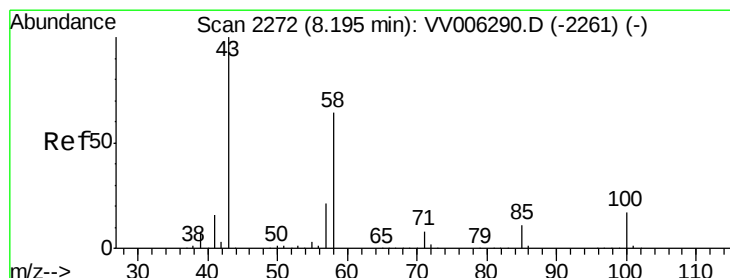
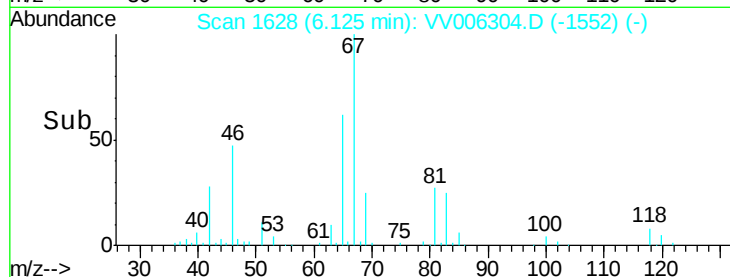
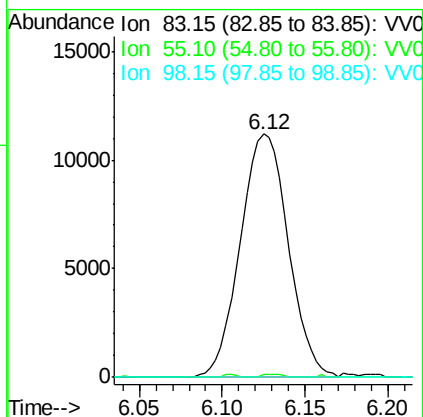
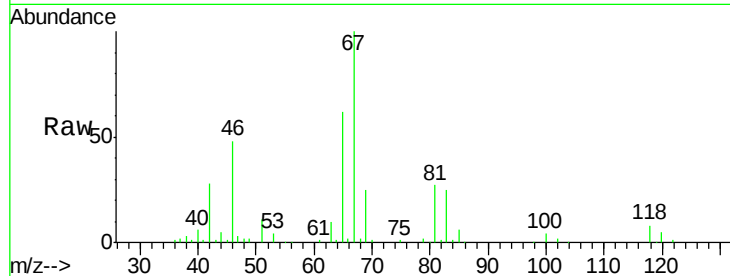




#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006304.D
Acq: 16 Jun 2018 02:17

Instrument :
MSVOA_V
ClientSampleId :
C0KC2

Tgt Ion: 83 Resp: 22539
Ion Ratio Lower Upper
83 100
55 0.5 57.5 86.3#
98 0.0 39.8 59.8#



#48
2-Hexanone
Concen: 3.300 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV006304.D
Acq: 16 Jun 2018 02:17

Tgt Ion: 43 Resp: 18379
Ion Ratio Lower Upper
43 100
58 47.3 48.6 72.8#
57 14.9 17.5 26.3#
100 8.8 12.6 18.8#

