

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006297.D
 Acq On : 15 Jun 2018 23:08
 Operator : SY/MD
 Sample : J3473-01
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K97

Quant Time: Jun 16 01:00:22 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	270171	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	244011	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107666	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63369	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	62893	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.13	63	91607	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.97	46	200573	64.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.04%
24) Chloroform-d	4.41	84	126240	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.09	65	71646	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.11	84	273665	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	88323	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.37	98	233010	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.67	79	25439	3.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.40%
46) 2-Hexanone-d5	8.14	63	155606	45.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62167	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	93746	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

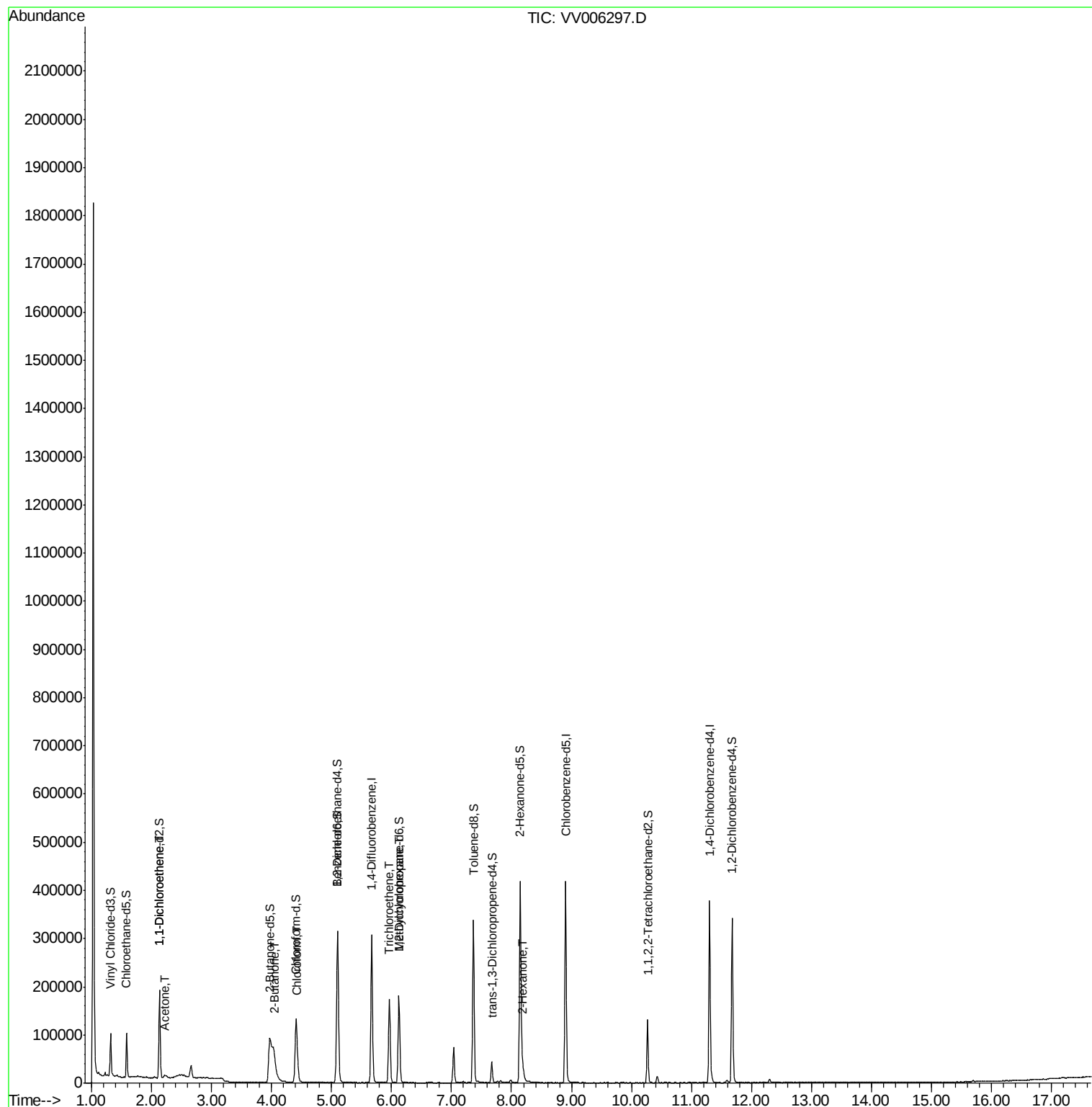
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	4116	0.265	ug/L #	1
13) Acetone	2.22	43	12526	7.378	ug/L	85
21) 2-Butanone	4.06	43	12368	4.004	ug/L	87
25) Chloroform	4.44	83	16172	0.550	ug/L	97
34) Trichloroethene	5.96	95	58773	3.201	ug/L	96
35) Methylcyclohexane	6.13	83	22217	0.704	ug/L #	19
48) 2-Hexanone	8.19	43	14184	2.421	ug/L #	82

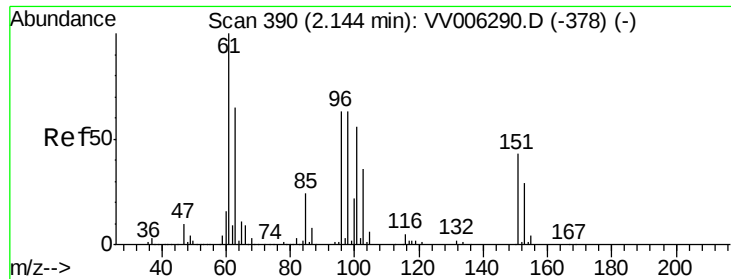
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.265 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006297.D

Acq: 15 Jun 2018 23:08

Instrument :

MSVOA_V

ClientSampleId :

C0K97

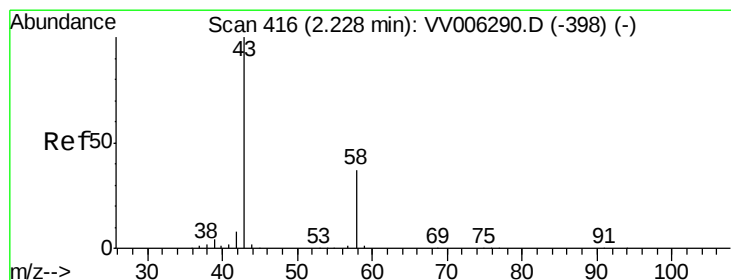
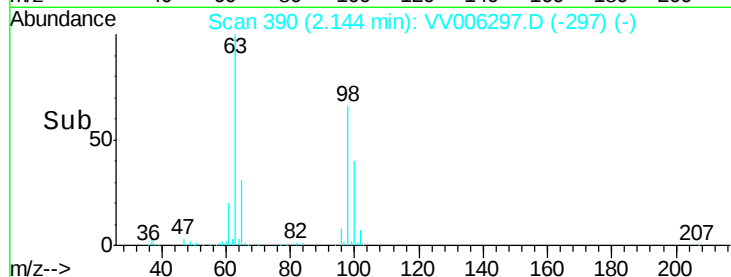
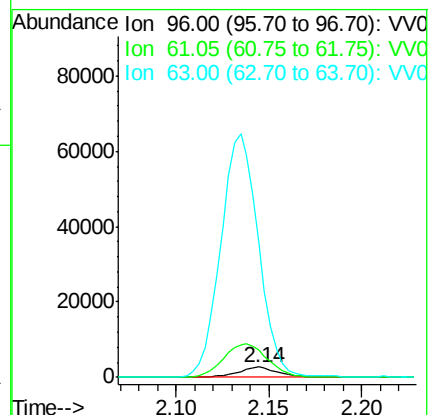
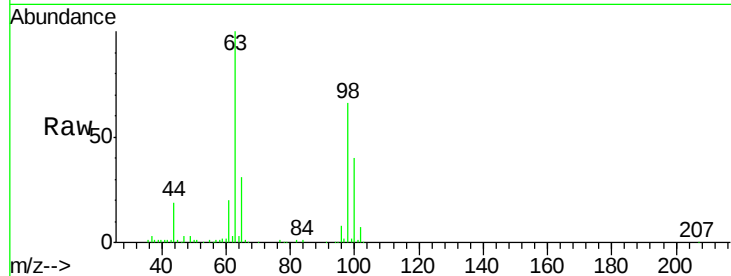
Tgt Ion: 96 Resp: 4116

Ion Ratio Lower Upper

96 100

61 265.9 114.2 212.2#

63 1318.7 85.0 157.8#



#13

Acetone

Concen: 7.378 ug/L

RT: 2.22 min Scan# 415

Delta R.T. -0.00 min

Lab File: VV006297.D

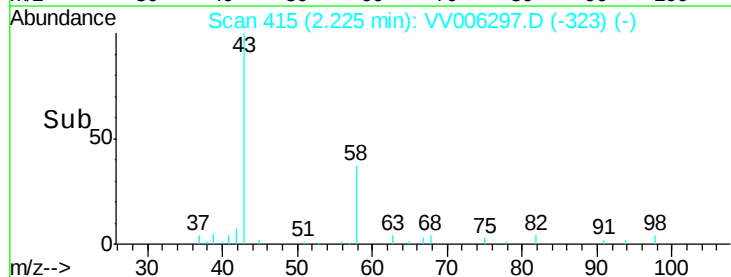
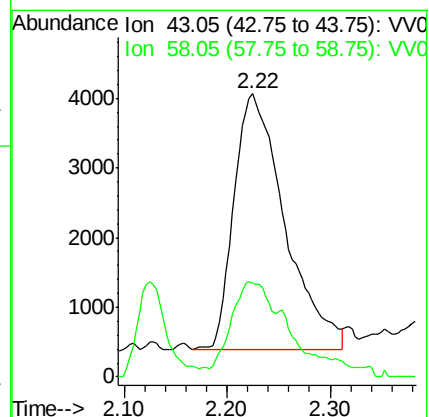
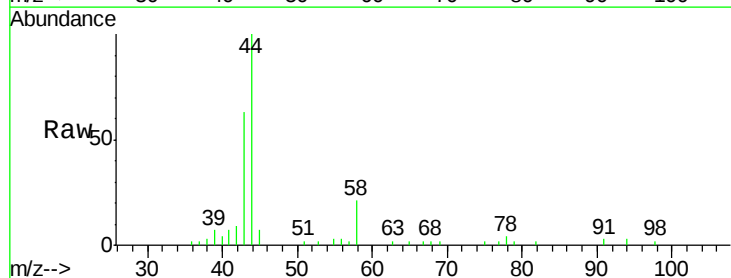
Acq: 15 Jun 2018 23:08

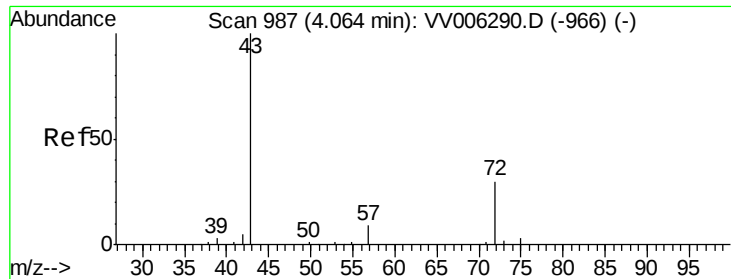
Tgt Ion: 43 Resp: 12526

Ion Ratio Lower Upper

43 100

58 25.1 0.0 67.4





#21

2-Butanone

Concen: 4.004 ug/L

RT: 4.06 min Scan# 987

Delta R.T. 0.00 min

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ClientSampleId :

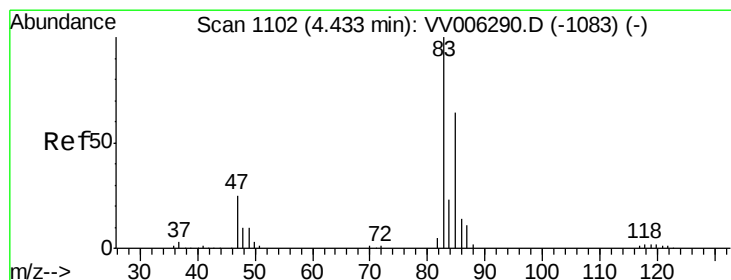
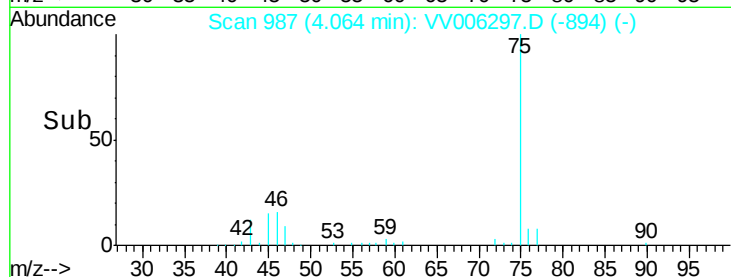
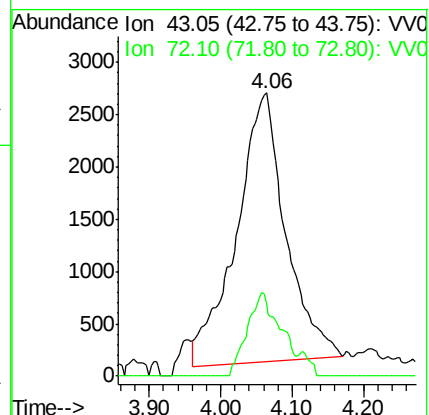
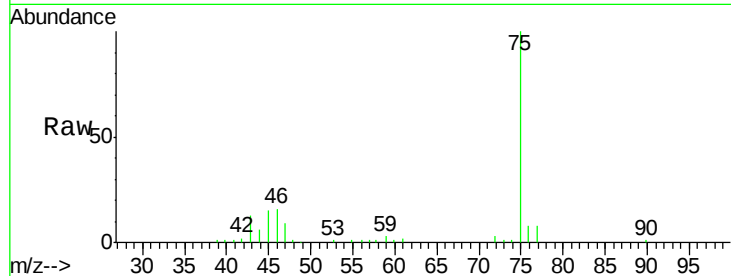
C0K97

Tgt Ion: 43 Resp: 12368

Ion Ratio Lower Upper

43 100

72 20.6 13.8 41.3



#25

Chloroform

Concen: 0.550 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV006297.D

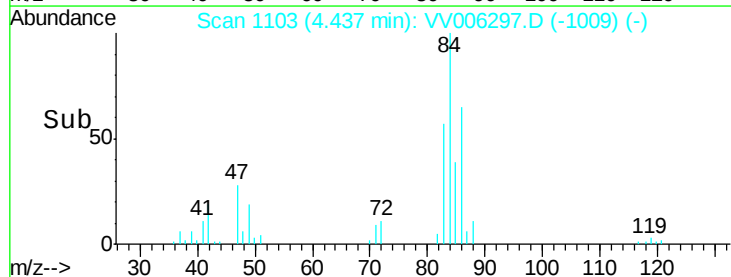
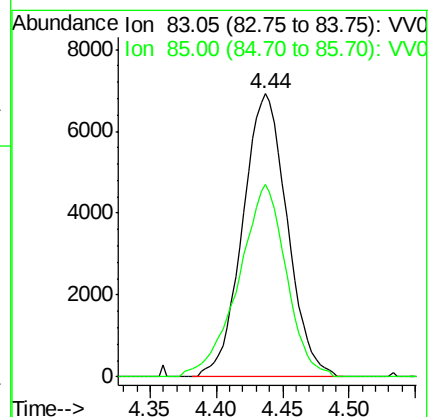
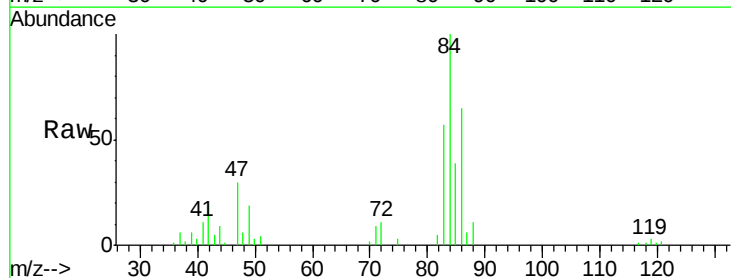
Acq: 15 Jun 2018 23:08

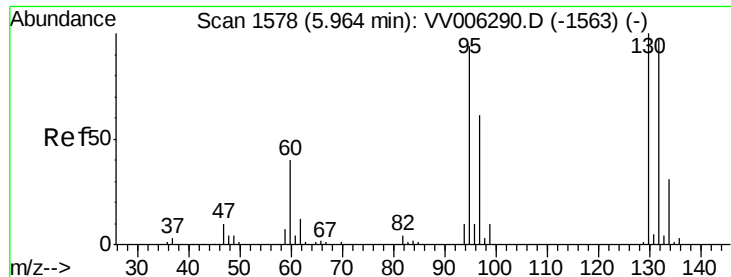
Tgt Ion: 83 Resp: 16172

Ion Ratio Lower Upper

83 100

85 68.1 46.2 85.8

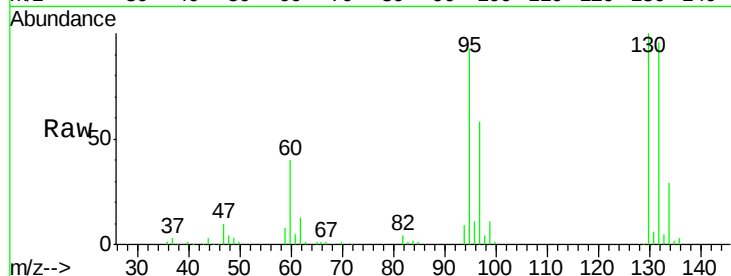




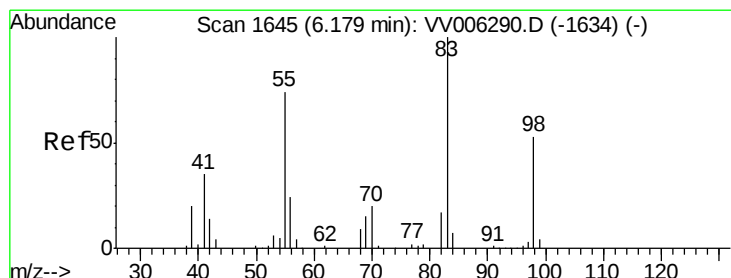
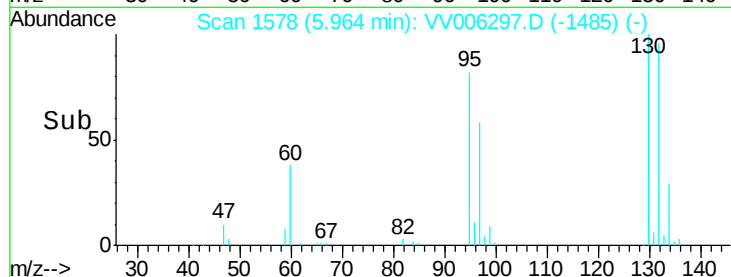
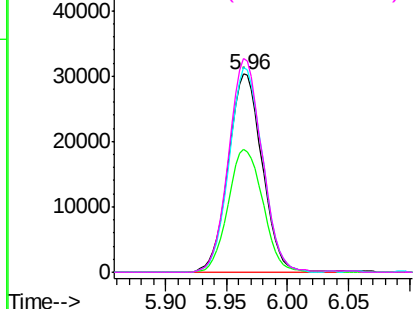
#34
 Trichloroethene
 Concen: 3.201 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006297.D
 Acq: 15 Jun 2018 23:08

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K97

Tgt Ion: 95 Resp: 58773
 Ion Ratio Lower Upper
 95 100
 97 62.2 45.1 83.9
 132 103.1 69.0 128.1
 130 107.8 72.8 135.2

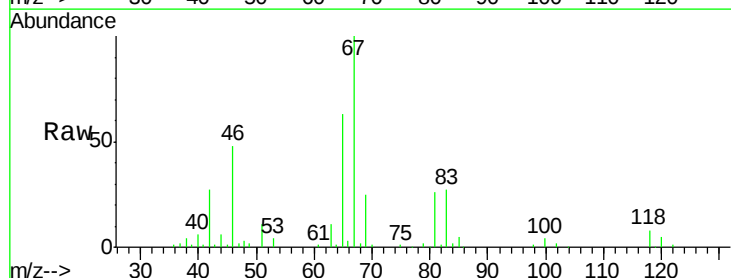


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

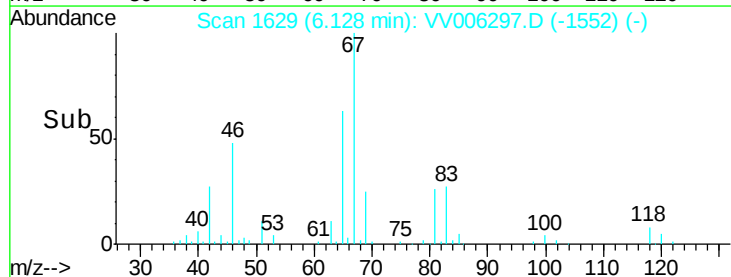
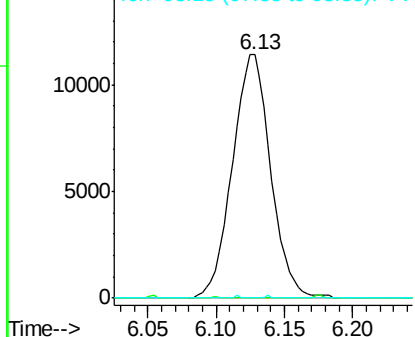


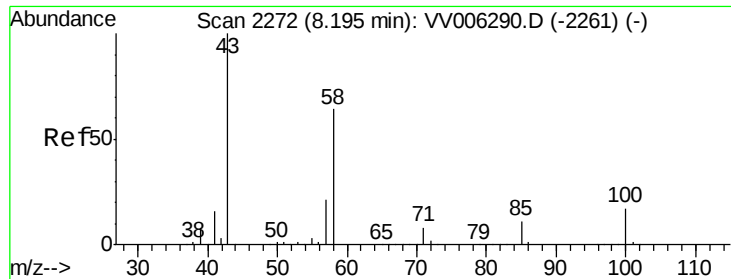
#35
 Methylcyclohexane
 Concen: 0.704 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.05 min
 Lab File: VV006297.D
 Acq: 15 Jun 2018 23:08

Tgt Ion: 83 Resp: 22217
 Ion Ratio Lower Upper
 83 100
 55 0.1 57.5 86.3#
 98 0.0 39.8 59.8#



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





#48

2-Hexanone

Concen: 2.421 ug/L

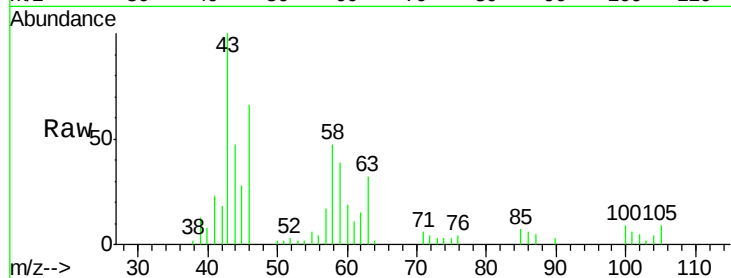
RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006297.D

Acq: 15 Jun 2018 23:08

Instrument :
MSVOA_V
ClientSampleId :
C0K97



Tgt Ion:	43	Resp:	14184
Ion	Ratio	Lower	Upper
43	100		
58	42.9	48.6	72.8#
57	19.5	17.5	26.3
100	9.0	12.6	18.8#

