

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006309.D
 Acq On : 16 Jun 2018 04:32
 Operator : SY/MD
 Sample : J3473-20
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KF7

Quant Time: Jun 16 05:16:57 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	266245	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242196	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62752	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	61553	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	99776	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.97	46	226983	73.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.02%#
24) Chloroform-d	4.41	84	141180	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.09	65	76136	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.10	84	278724	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	90714	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	238092	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.67	79	24956	3.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.80%
46) 2-Hexanone-d5	8.14	63	174161	51.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68947	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	100061	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

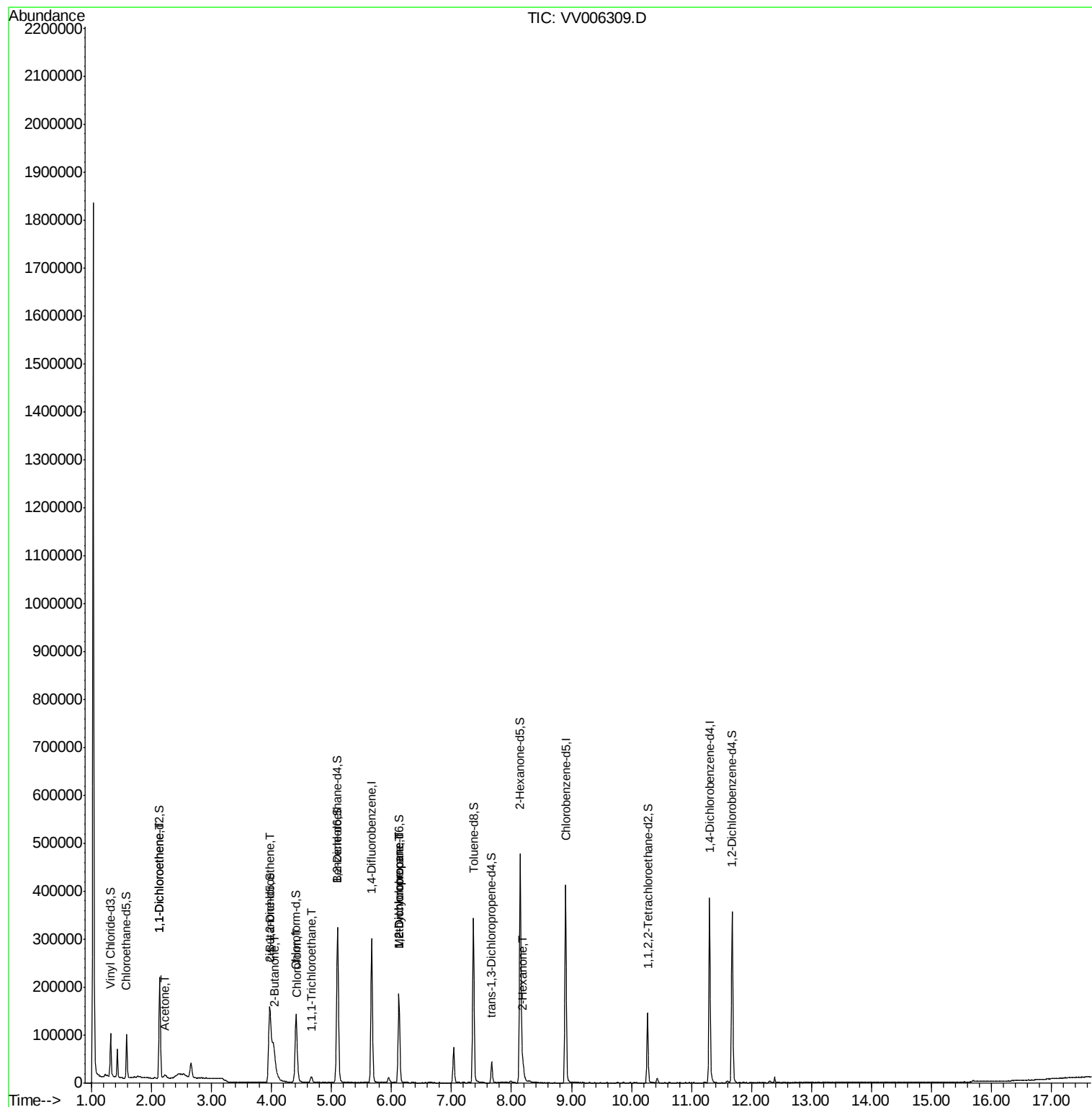
					Qvalue
12) 1,1-Dichloroethene	2.14	96	22160	1.450 ug/L #	42
13) Acetone	2.22	43	14795	8.843 ug/L	74
21) 2-Butanone	4.06	43	13956	4.585 ug/L #	69
22) cis-1,2-Dichloroethene	3.97	96	34174	1.895 ug/L #	99
25) Chloroform	4.44	83	6217	0.215 ug/L	86
29) 1,1,1-Trichloroethane	4.67	97	10104	0.378 ug/L	99
35) Methylcyclohexane	6.12	83	22855	0.730 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9425	0.589 ug/L #	85
48) 2-Hexanone	8.19	43	18536	3.188 ug/L #	85

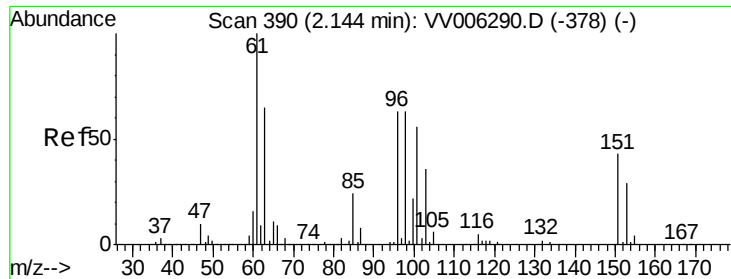
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 16 00:57:31 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.450 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006309.D

Acq: 16 Jun 2018 04:32

Instrument :

MSVOA_V

ClientSampleId :

C0KF7

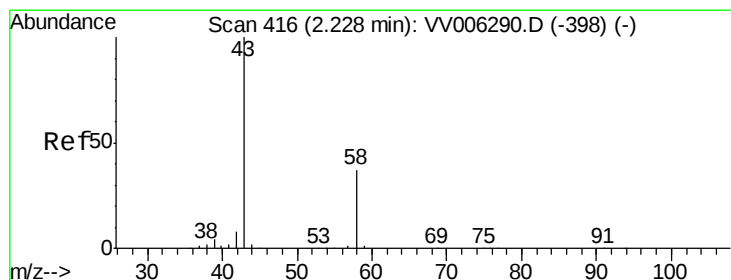
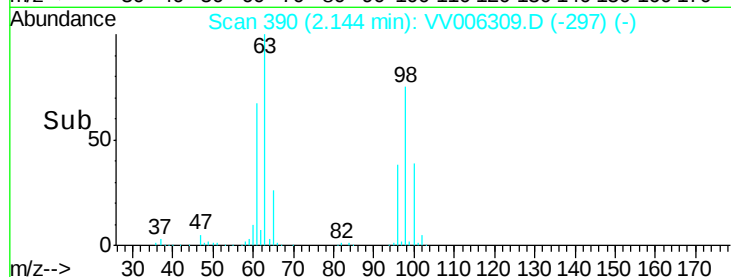
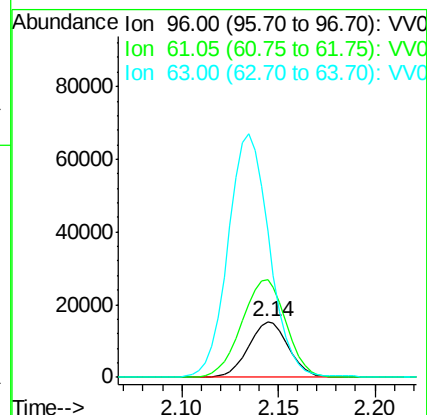
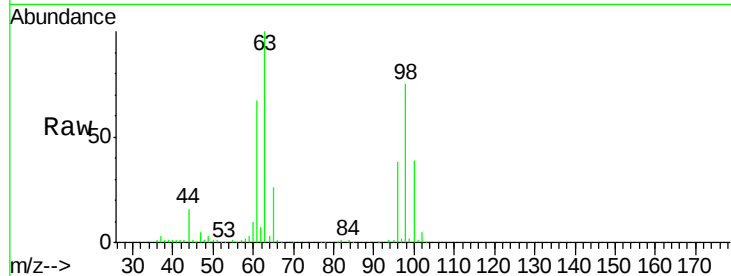
Tgt Ion: 96 Resp: 22160

Ion Ratio Lower Upper

96 100

61 174.7 114.2 212.2

63 260.6 85.0 157.8#



#13

Acetone

Concen: 8.843 ug/L

RT: 2.22 min Scan# 414

Delta R.T. -0.01 min

Lab File: VV006309.D

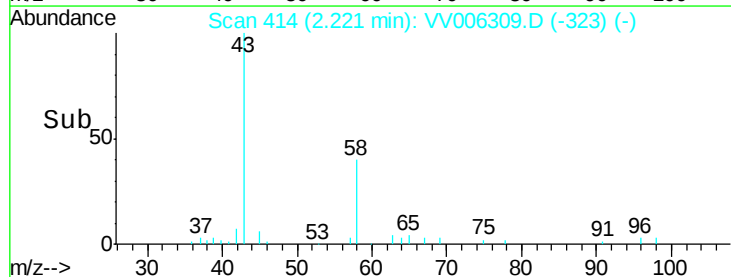
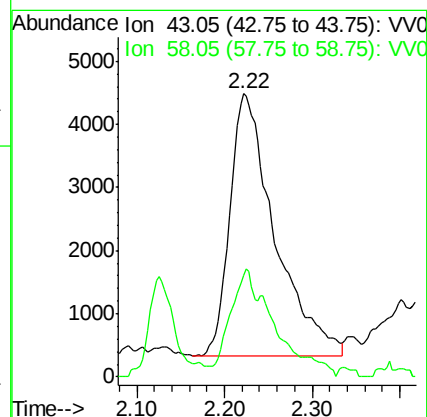
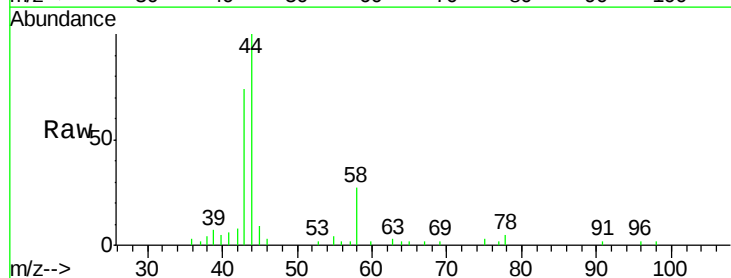
Acq: 16 Jun 2018 04:32

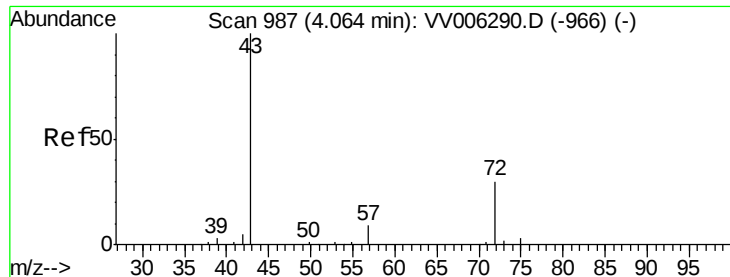
Tgt Ion: 43 Resp: 14795

Ion Ratio Lower Upper

43 100

58 19.0 0.0 67.4





#21

2-Butanone

Concen: 4.585 ug/L

RT: 4.06 min Scan# 985

Delta R.T. -0.01 min

Lab File: VV006309.D

Acq: 16 Jun 2018 04:32

Instrument :

MSVOA_V

ClientSampled :

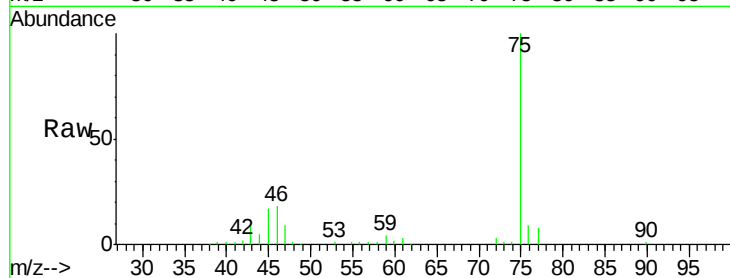
C0KF7

Tgt Ion: 43 Resp: 13956

Ion Ratio Lower Upper

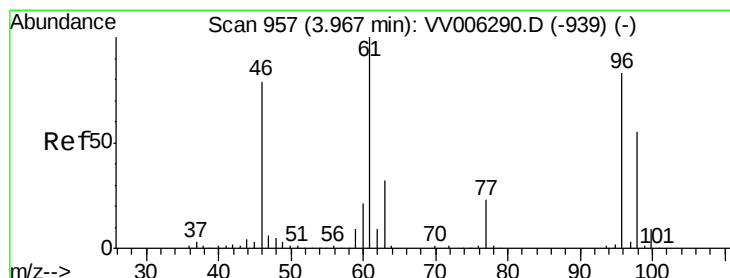
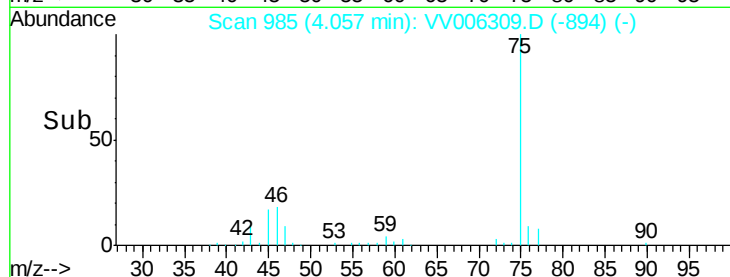
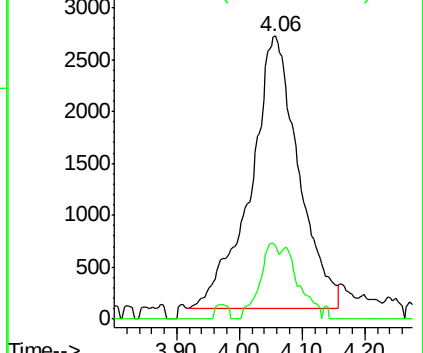
43 100

72 11.1 13.8 41.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 1.895 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006309.D

Acq: 16 Jun 2018 04:32

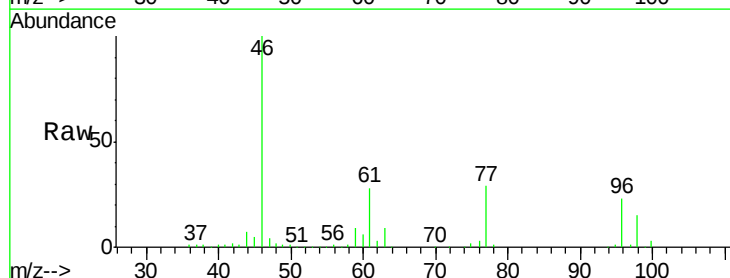
Tgt Ion: 96 Resp: 34174

Ion Ratio Lower Upper

96 100

61 121.0 84.1 156.3

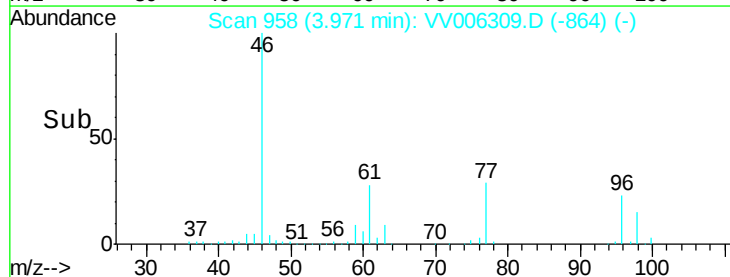
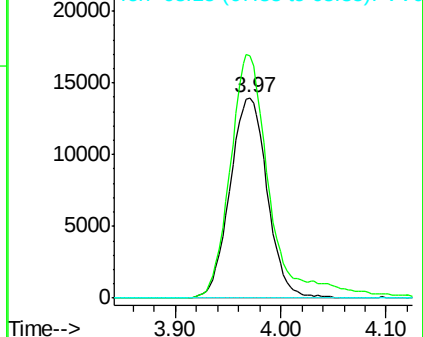
68 0.0 0.3 0.5#

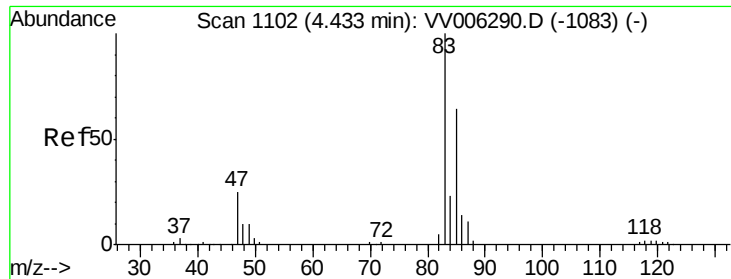


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#25

Chloroform

Concen: 0.215 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV006309.D

Acq: 16 Jun 2018 04:32

Instrument :

MSVOA_V

ClientSampleId :

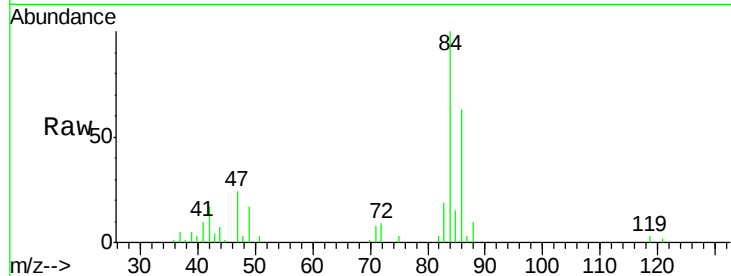
C0KF7

Tgt Ion: 83 Resp: 6217

Ion Ratio Lower Upper

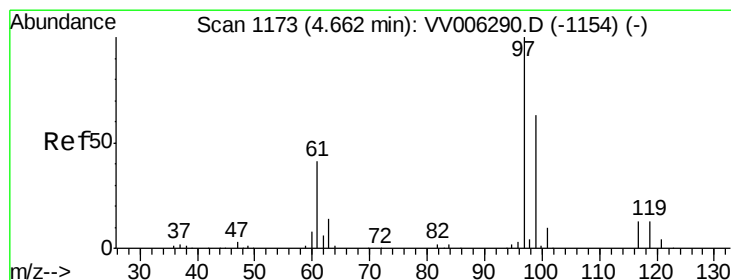
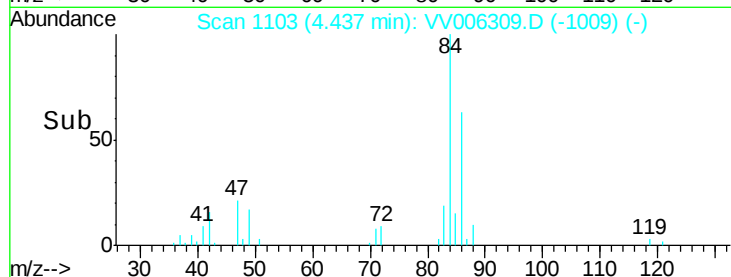
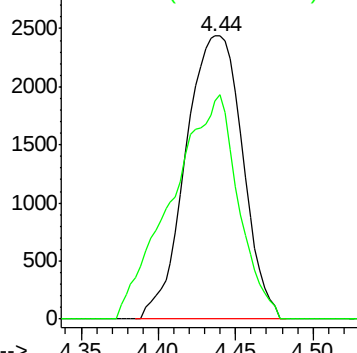
83 100

85 76.9 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#29

1,1,1-Trichloroethane

Concen: 0.378 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VV006309.D

Acq: 16 Jun 2018 04:32

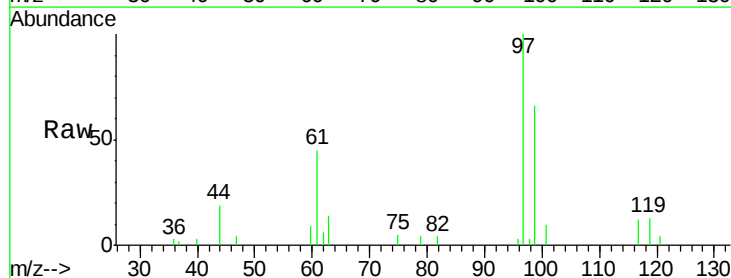
Tgt Ion: 97 Resp: 10104

Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

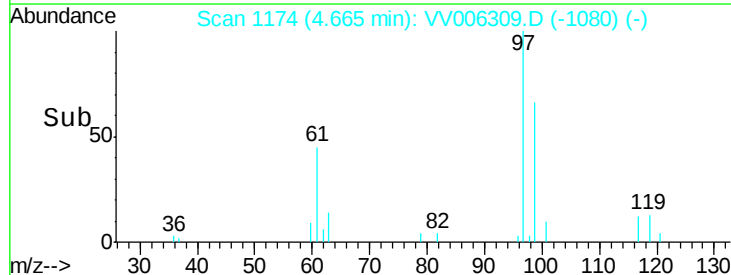
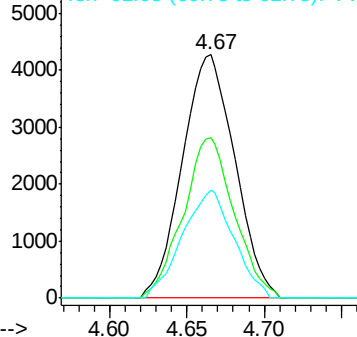
61 43.4 33.7 50.5

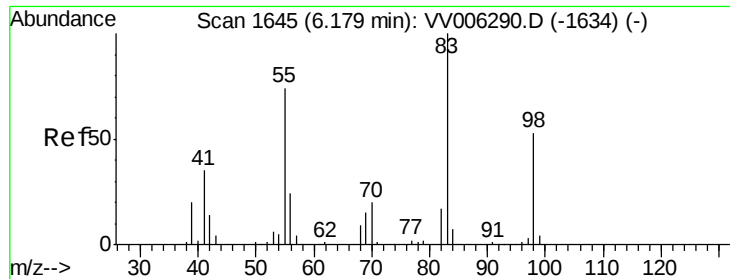


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0

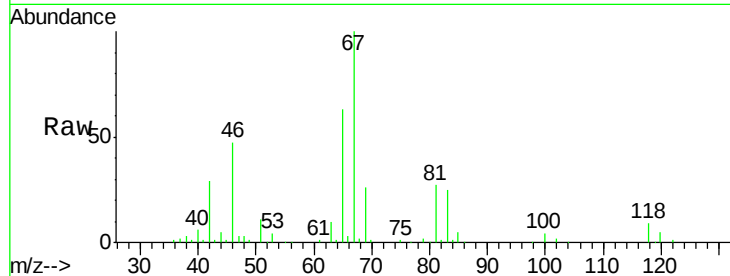




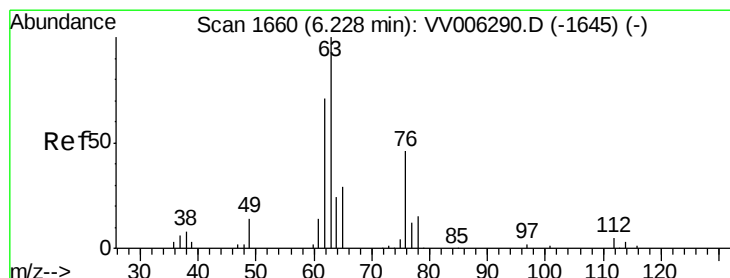
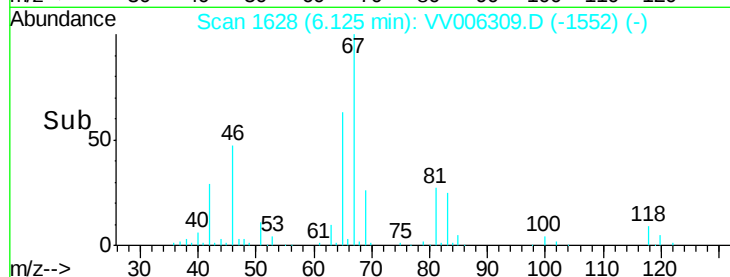
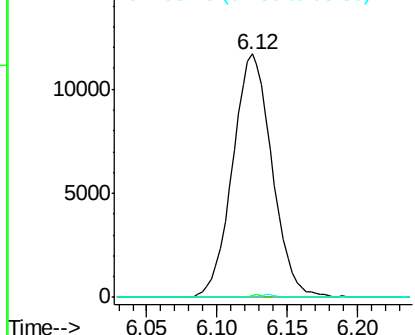
#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006309.D
Acq: 16 Jun 2018 04:32

Instrument :
MSVOA_V
ClientSampleId :
C0KF7

Tgt Ion: 83 Resp: 22855
Ion Ratio Lower Upper
83 100
55 0.3 57.5 86.3#
98 0.2 39.8 59.8#

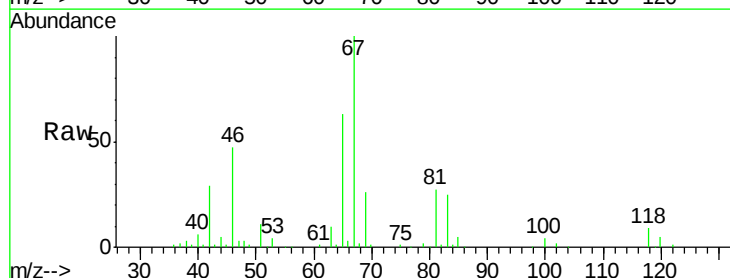


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

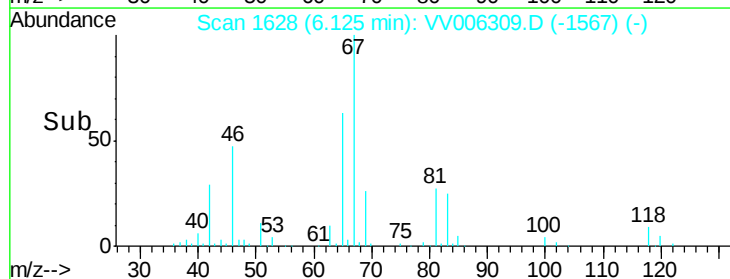
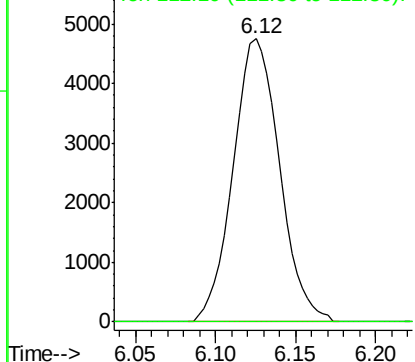


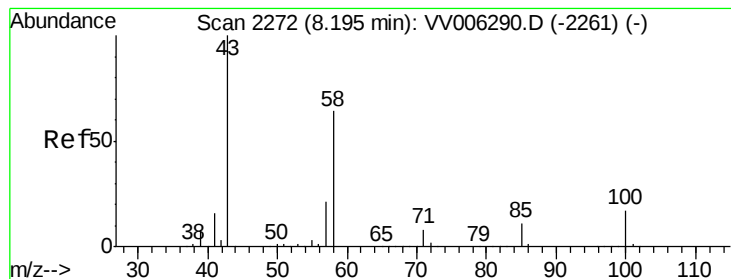
#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006309.D
Acq: 16 Jun 2018 04:32

Tgt Ion: 63 Resp: 9425
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



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





#48

2-Hexanone

Concen: 3.188 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006309.D

Acq: 16 Jun 2018 04:32

Instrument :
MSVOA_V
ClientSampleId :
C0KF7

Tgt Ion: 43 Resp: 18536

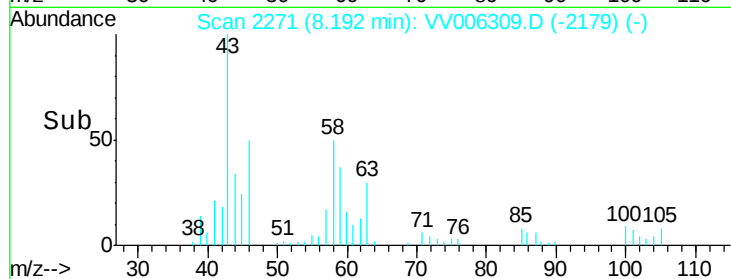
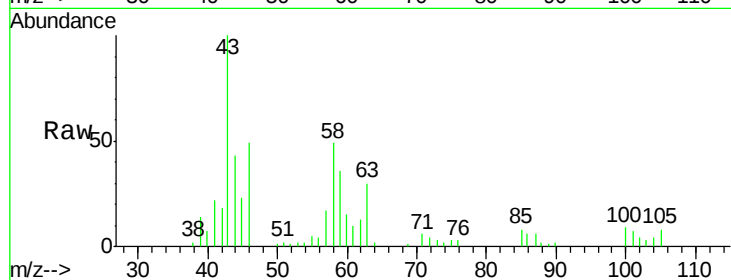
Ion Ratio Lower Upper

43 100

58 47.6 48.6 72.8#

57 16.3 17.5 26.3#

100 11.0 12.6 18.8#



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

