

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062118\
 Data File : VV006397.D
 Acq On : 21 Jun 2018 17:27
 Operator : SY/MD
 Sample : J3513-14DL 5X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KF0DL

Quant Time: Jun 22 01:26:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 01:25:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	285818	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	258727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75960	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	67701	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.14	63	157606	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.80%
20) 2-Butanone-d5	3.96	46	217308	65.56	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.12%#
24) Chloroform-d	4.41	84	154320	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.09	65	80440	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.11	84	324954	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	102011	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.37	98	285380	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	30114	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	8.14	63	161964	44.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64096	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	107695	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

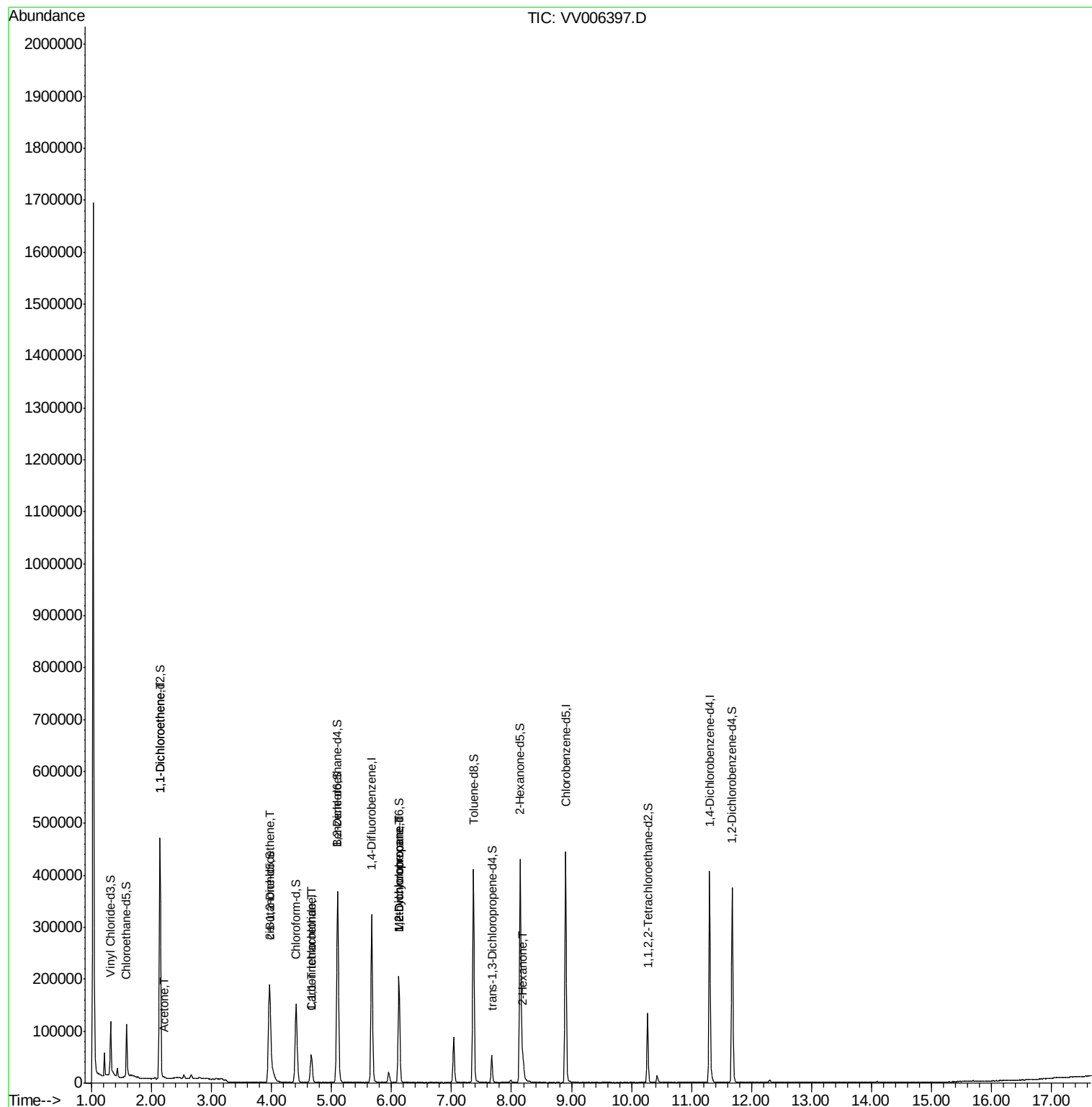
					Qvalue
12) 1,1-Dichloroethene	2.14	96	110188	6.718	ug/L 90
13) Acetone	2.21	43	3089	1.720	ug/L 69
22) cis-1,2-Dichloroethene	3.97	96	41857	2.162	ug/L # 99
29) 1,1,1-Trichloroethane	4.67	97	43553	1.524	ug/L 99
31) Carbon tetrachloride	4.67	117	5863	0.233	ug/L 99
35) Methylcyclohexane	6.13	83	24878	0.743	ug/L # 20
37) 1,2-Dichloropropane	6.12	63	10802	0.632	ug/L # 85
48) 2-Hexanone	8.19	43	25999	4.185	ug/L # 83

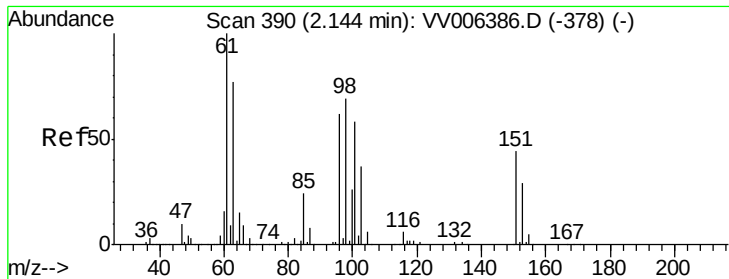
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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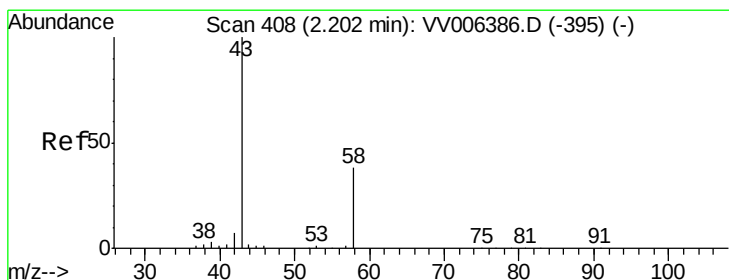
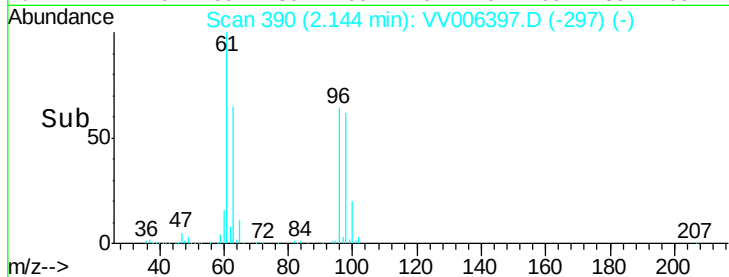
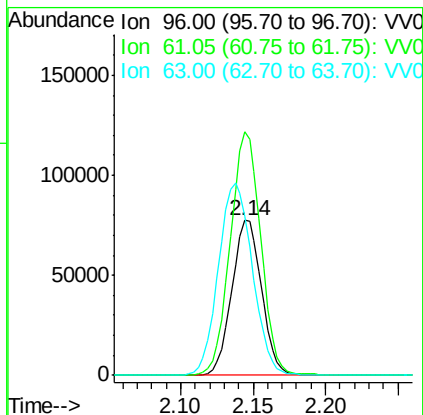
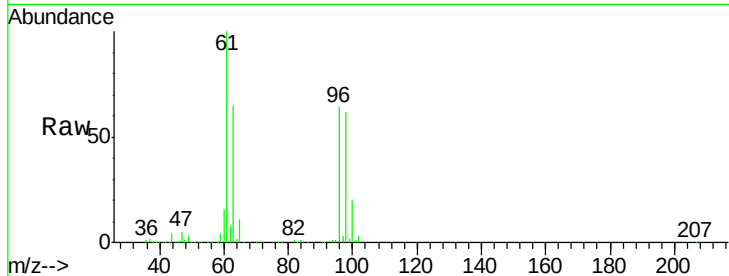




#12
 1,1-Dichloroethene
 Concen: 6.718 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV006397.D
 Acq: 21 Jun 2018 17:27

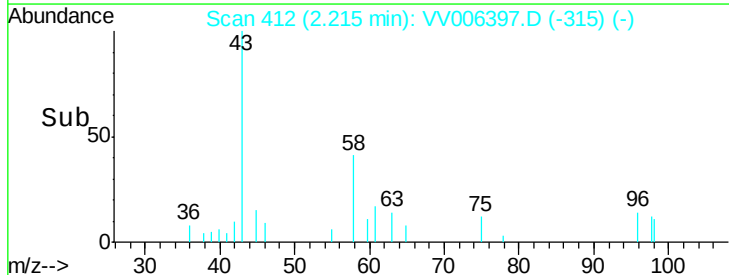
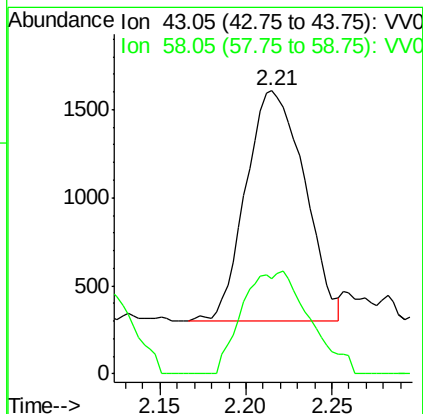
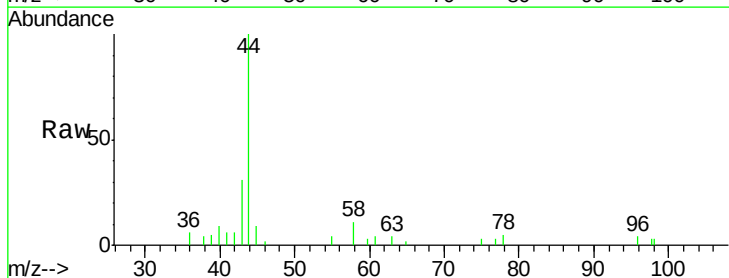
Instrument :
 MSVOA_V
 ClientSampled :
 C0KF0DL

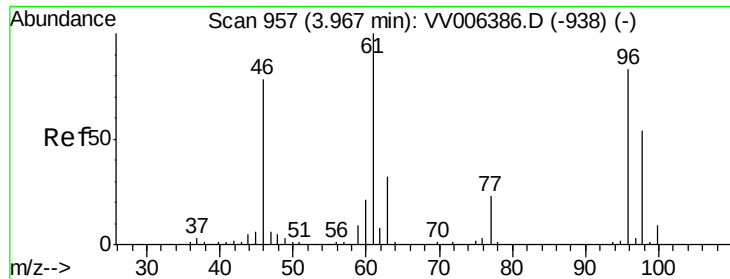
Tgt Ion: 96 Resp: 110188
 Ion Ratio Lower Upper
 96 100
 61 157.2 114.2 212.2
 63 102.9 85.0 157.8



#13
 Acetone
 Concen: 1.720 ug/L
 RT: 2.21 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: VV006397.D
 Acq: 21 Jun 2018 17:27

Tgt Ion: 43 Resp: 3089
 Ion Ratio Lower Upper
 43 100
 58 51.2 0.0 67.4





#22

cis-1,2-Dichloroethene

Concen: 2.162 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

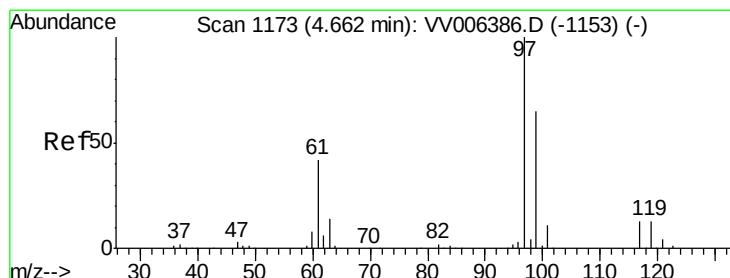
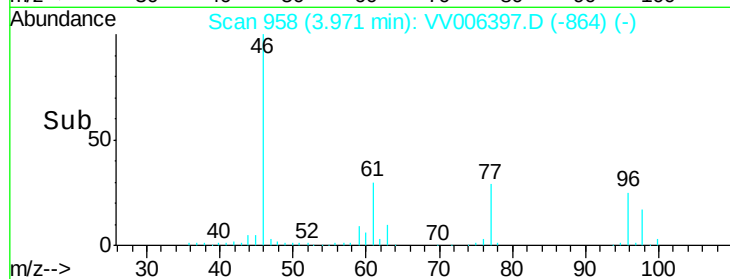
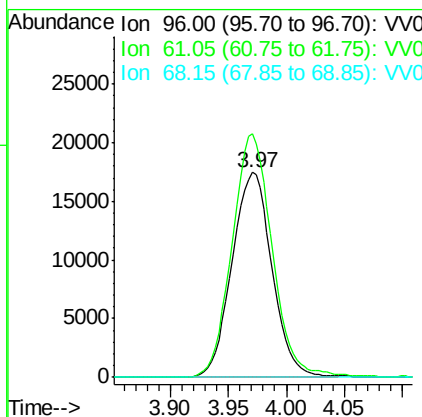
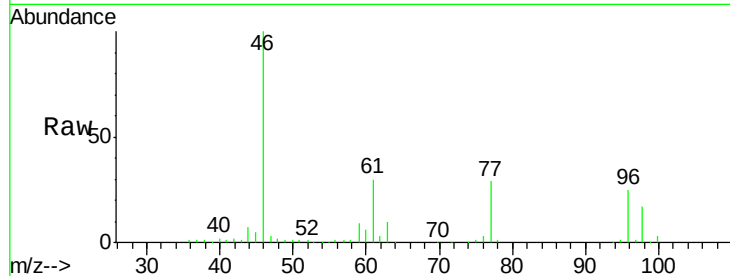
Lab File: VV006397.D

Acq: 21 Jun 2018 17:27

Instrument :
MSVOA_V
ClientSampled :
C0KF0DL

Tgt Ion: 96 Resp: 41857

Ion	Ratio	Lower	Upper
96	100		
61	118.9	84.1	156.3
68	0.0	0.3	0.5#



#29

1,1,1-Trichloroethane

Concen: 1.524 ug/L

RT: 4.67 min Scan# 1174

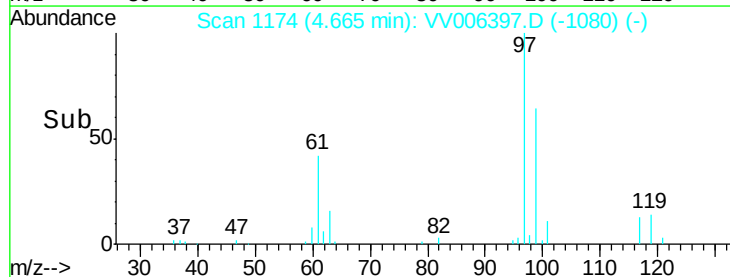
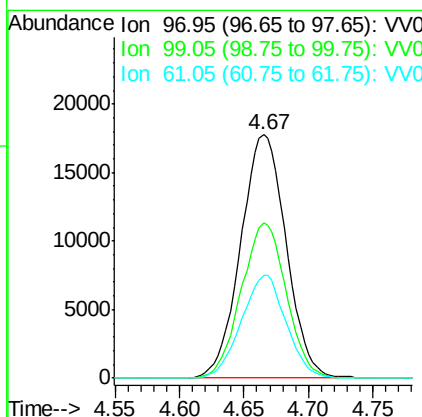
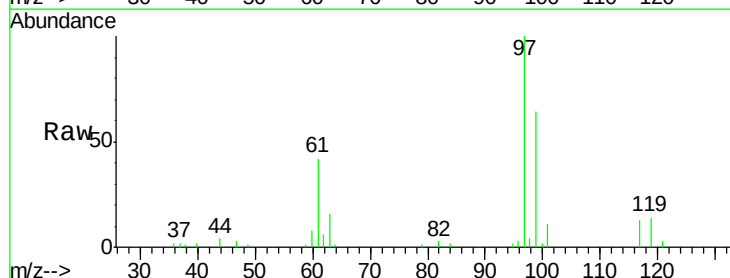
Delta R.T. 0.00 min

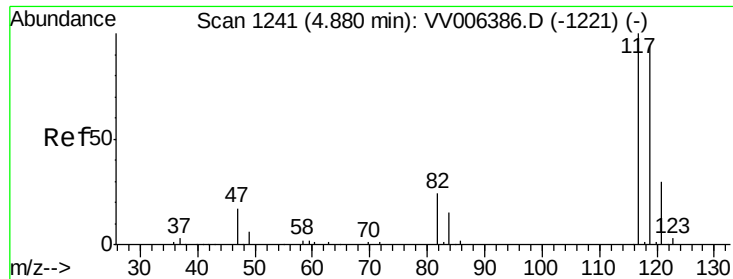
Lab File: VV006397.D

Acq: 21 Jun 2018 17:27

Tgt Ion: 97 Resp: 43553

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.5	77.3
61	41.6	33.7	50.5





#31

Carbon tetrachloride

Concen: 0.233 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. -0.22 min

Lab File: VV006397.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

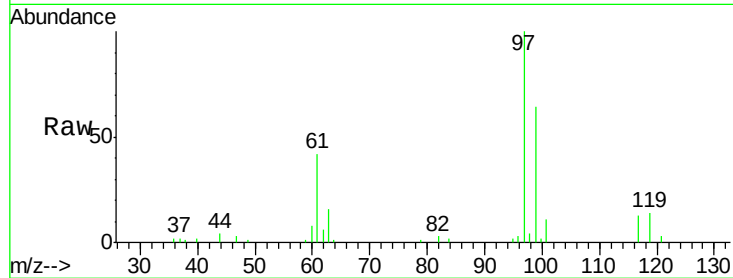
C0KF0DL

Tgt Ion:117 Resp: 5863

Ion Ratio Lower Upper

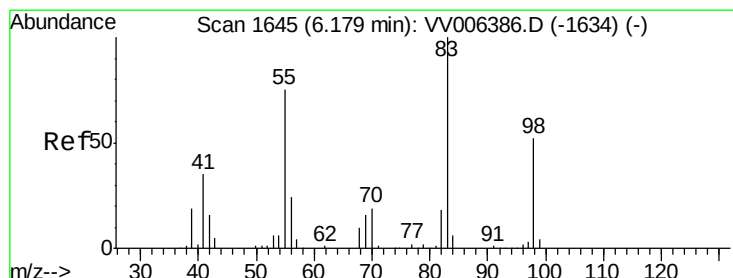
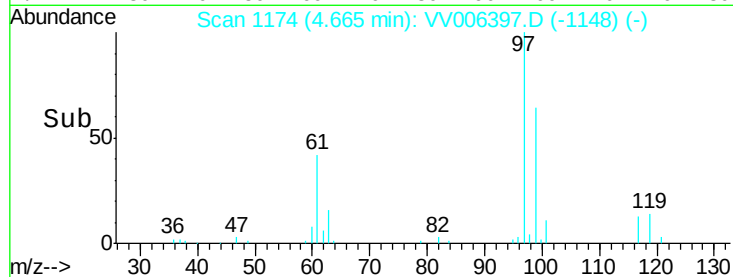
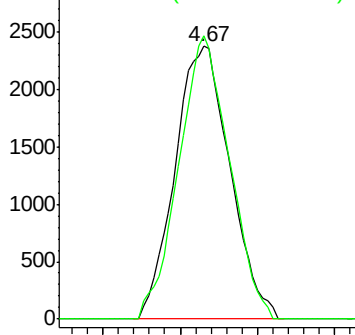
117 100

119 95.6 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.743 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV006397.D

Acq: 21 Jun 2018 17:27

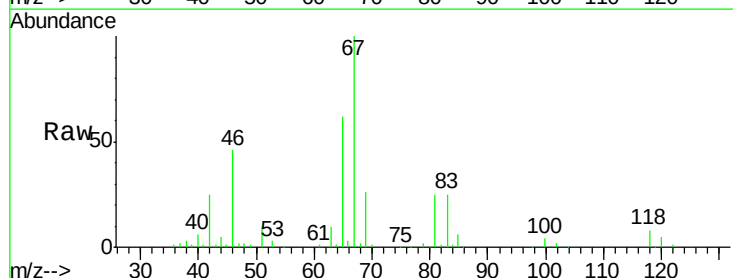
Tgt Ion: 83 Resp: 24878

Ion Ratio Lower Upper

83 100

55 0.7 57.5 86.3#

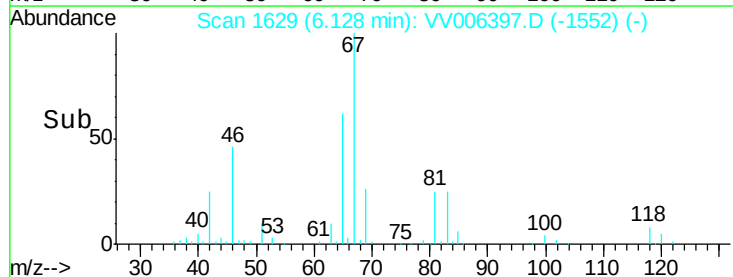
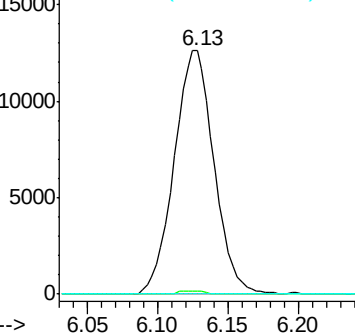
98 0.6 39.8 59.8#

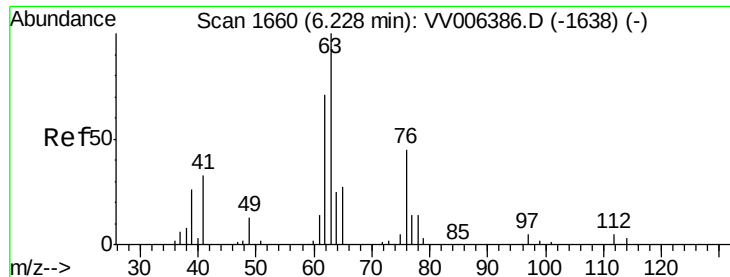


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

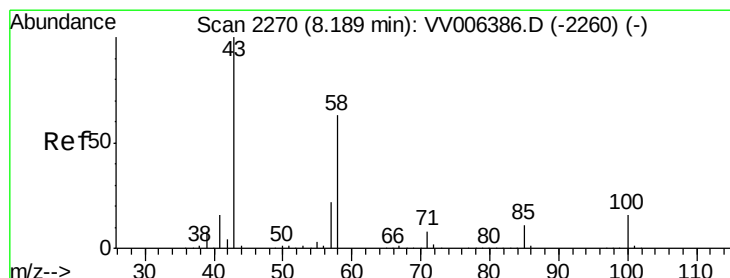
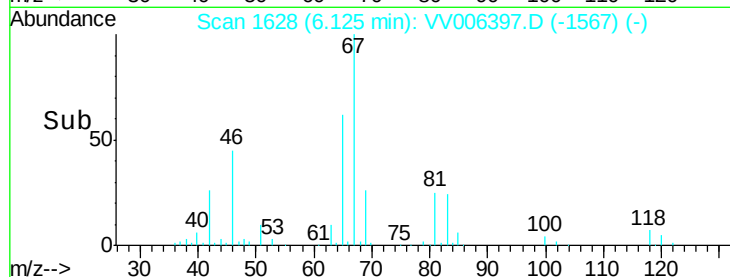
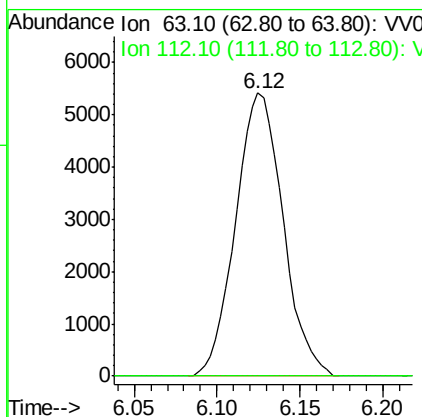
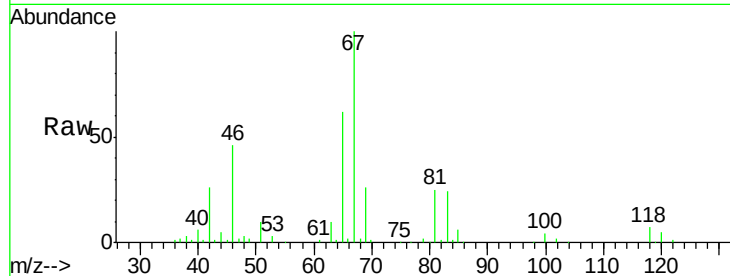




#37
 1,2-Dichloropropane
 Concen: 0.632 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006397.D
 Acq: 21 Jun 2018 17:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KF0DL

Tgt Ion: 63 Resp: 10802
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#48
 2-Hexanone
 Concen: 4.185 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VV006397.D
 Acq: 21 Jun 2018 17:27

Tgt Ion: 43 Resp: 25999
 Ion Ratio Lower Upper
 43 100
 58 46.6 48.6 72.8#
 57 15.2 17.5 26.3#
 100 10.1 12.6 18.8#

