

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062118\
 Data File : VV006390.D
 Acq On : 21 Jun 2018 13:23
 Operator : SY/MD
 Sample : J3513-09
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KE5

Quant Time: Jun 22 01:26:09 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	324069	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	294539	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94333	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.58	69	73286	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.14	63	151249	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	3.96	46	196624	52.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.64%
24) Chloroform-d	4.41	84	157646	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	80135	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.11	84	344474	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	102963	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.37	98	315239	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	32229	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	8.14	63	150181	36.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61133	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	111652	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

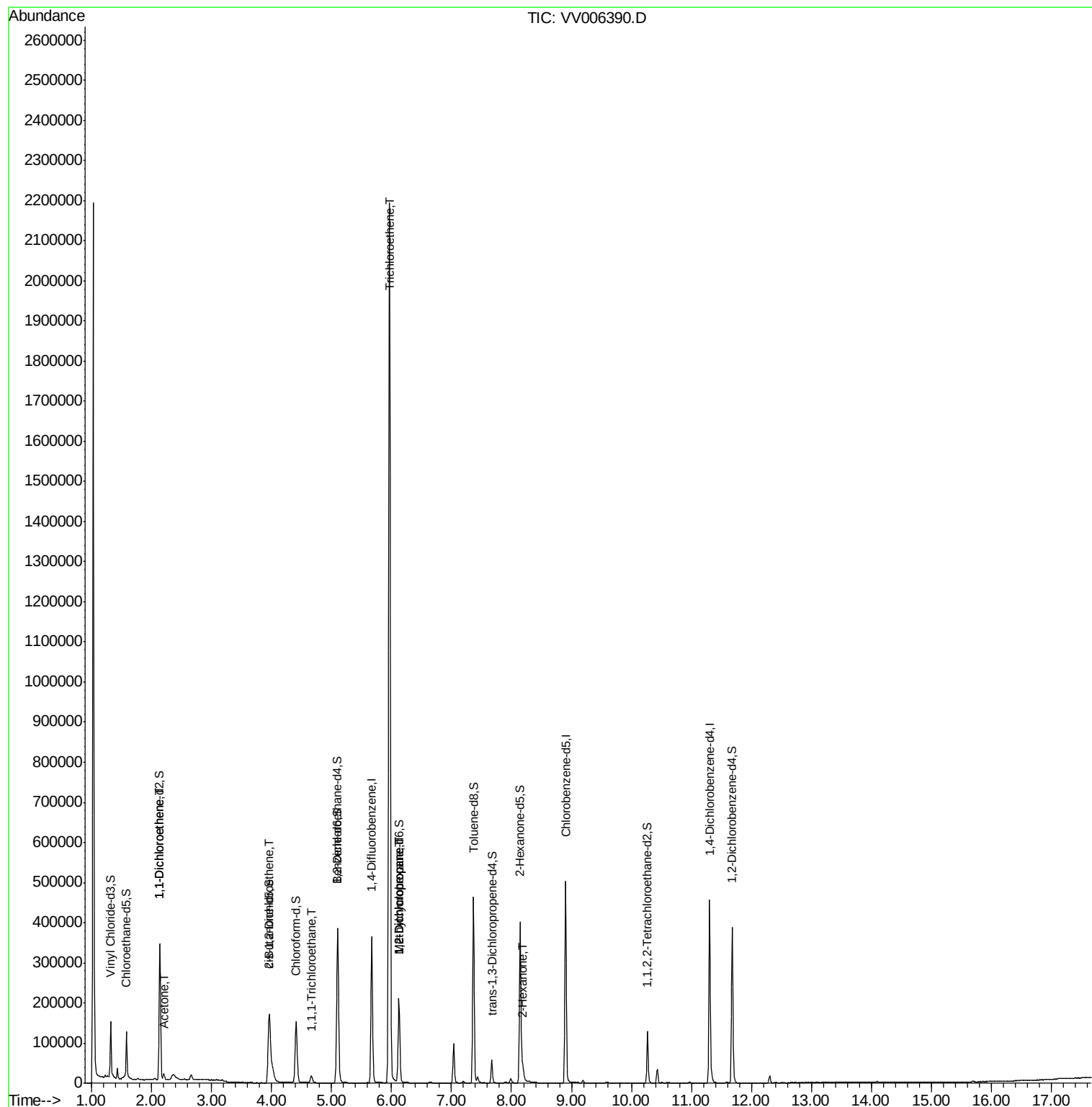
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.15	96	50087	2.693	ug/L #	85
13) Acetone	2.21	43	14093	6.920	ug/L	87
22) cis-1,2-Dichloroethene	3.97	96	40077	1.825	ug/L #	97
29) 1,1,1-Trichloroethane	4.67	97	13706	0.421	ug/L	97
34) Trichloroethene	5.97	95	761709	34.365	ug/L	98
35) Methylcyclohexane	6.12	83	25116	0.659	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	10892	0.560	ug/L #	85
48) 2-Hexanone	8.19	43	20951	2.963	ug/L #	85

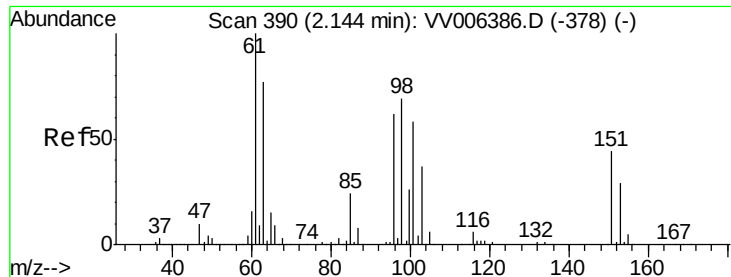
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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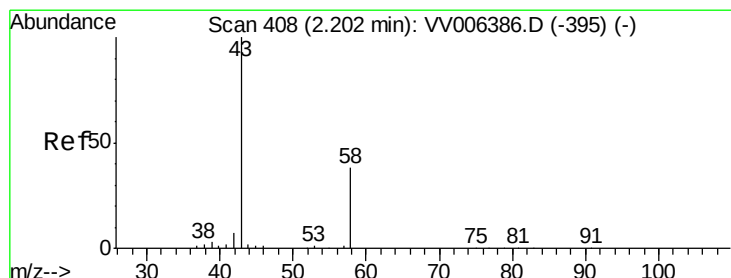
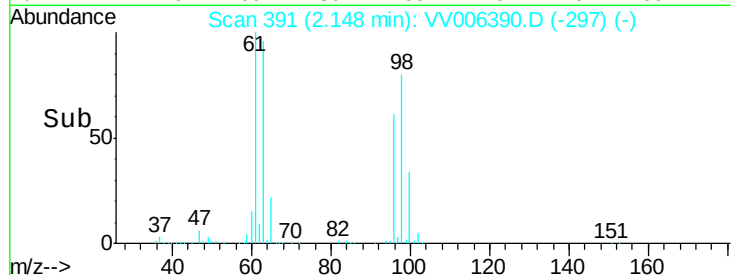
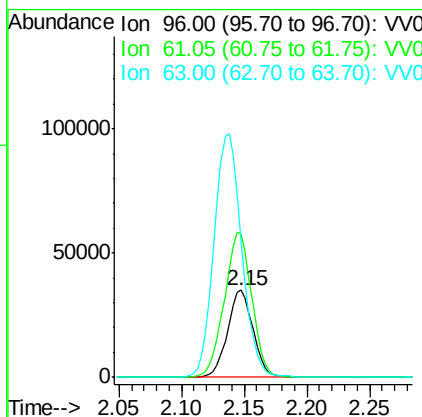
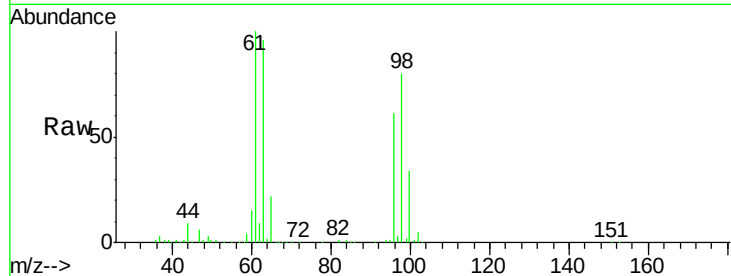




#12
 1,1-Dichloroethene
 Concen: 2.693 ug/L
 RT: 2.15 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: VV006390.D
 Acq: 21 Jun 2018 13:23

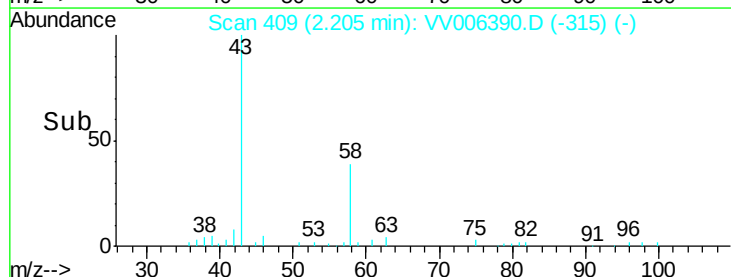
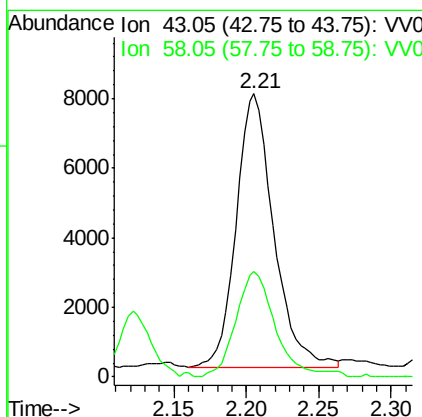
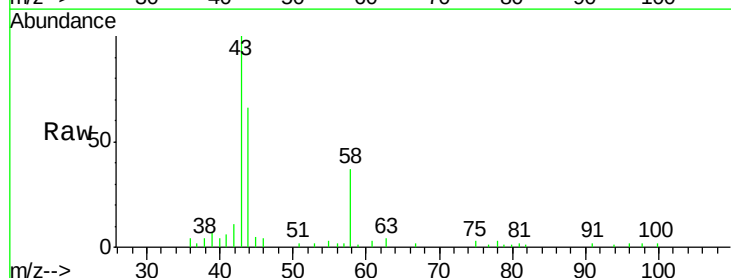
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KE5

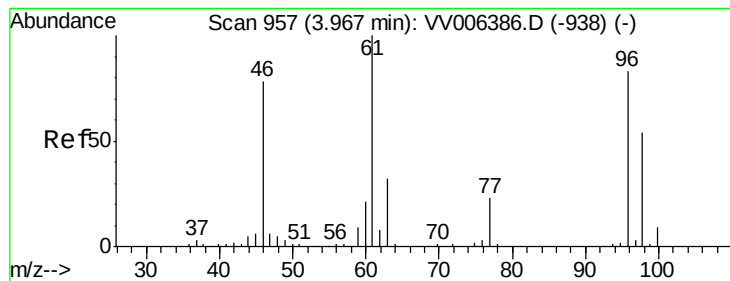
Tgt Ion: 96 Resp: 50087
 Ion Ratio Lower Upper
 96 100
 61 164.7 114.2 212.2
 63 158.2 85.0 157.8#



#13
 Acetone
 Concen: 6.920 ug/L
 RT: 2.21 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VV006390.D
 Acq: 21 Jun 2018 13:23

Tgt Ion: 43 Resp: 14093
 Ion Ratio Lower Upper
 43 100
 58 40.8 0.0 67.4





#22

cis-1,2-Dichloroethene

Concen: 1.825 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006390.D

Acq: 21 Jun 2018 13:23

Instrument :

MSVOA_V

ClientSampleId :

C0KE5

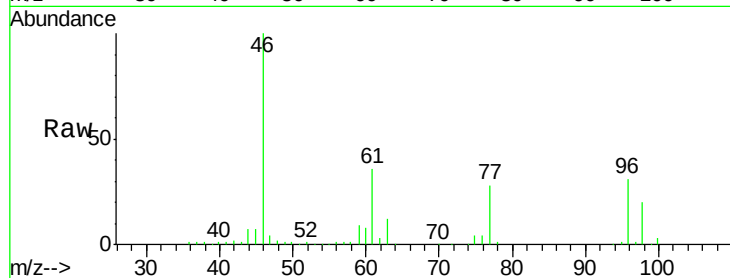
Tgt Ion: 96 Resp: 40077

Ion Ratio Lower Upper

96 100

61 117.0 84.1 156.3

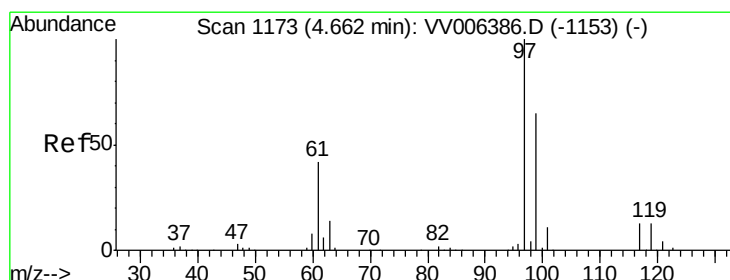
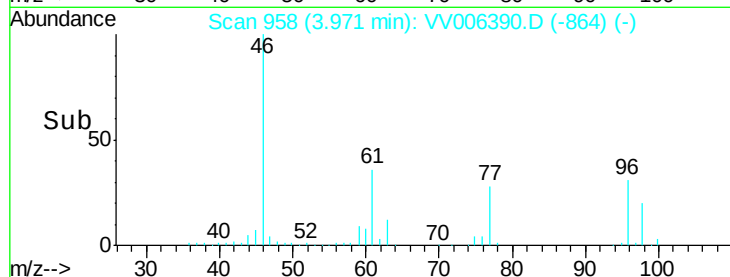
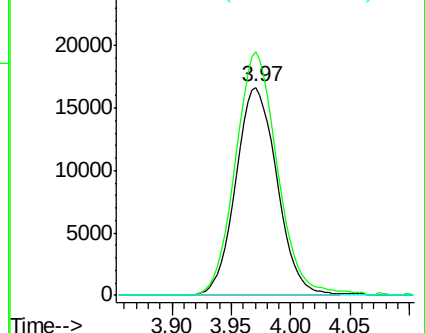
68 0.0 0.3 0.5#



Abundance Ion 96.00 (95.70 to 96.70): VV006390.D (-1080) (-)

Ion 61.05 (60.75 to 61.75): VV006390.D (-1080) (-)

Ion 68.15 (67.85 to 68.85): VV006390.D (-1080) (-)



#29

1,1,1-Trichloroethane

Concen: 0.421 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VV006390.D

Acq: 21 Jun 2018 13:23

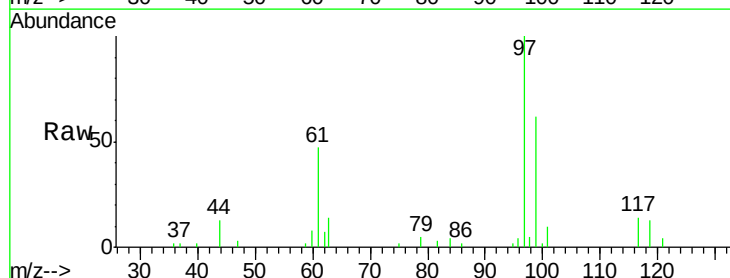
Tgt Ion: 97 Resp: 13706

Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

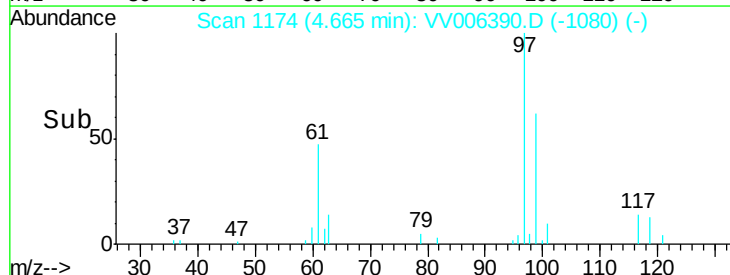
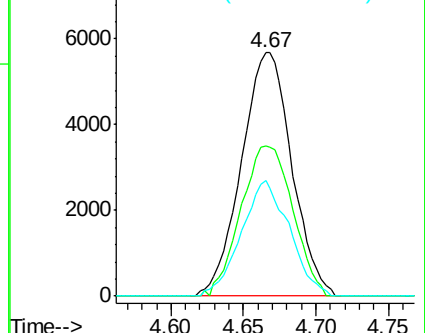
61 45.3 33.7 50.5

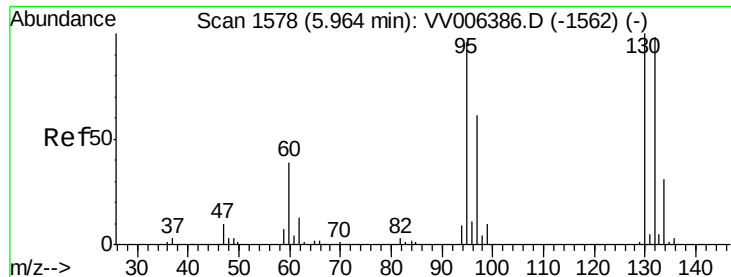


Abundance Ion 96.95 (96.65 to 97.65): VV006390.D (-1080) (-)

Ion 99.05 (98.75 to 99.75): VV006390.D (-1080) (-)

Ion 61.05 (60.75 to 61.75): VV006390.D (-1080) (-)





#34

Trichloroethene

Concen: 34.365 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV006390.D

Acq: 21 Jun 2018 13:23

Instrument :

MSVOA_V

ClientSampleId :

C0KE5

Tgt Ion: 95 Resp: 761709

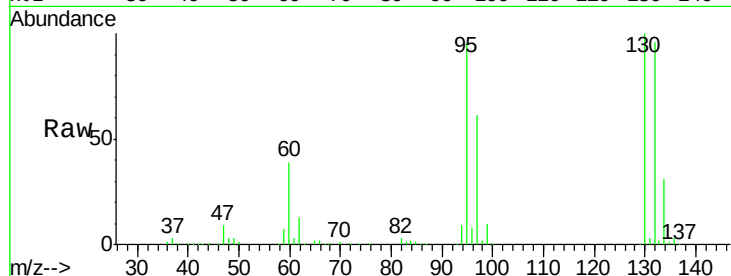
Ion Ratio Lower Upper

95 100

97 64.7 45.1 83.9

132 101.5 69.0 128.1

130 105.4 72.8 135.2

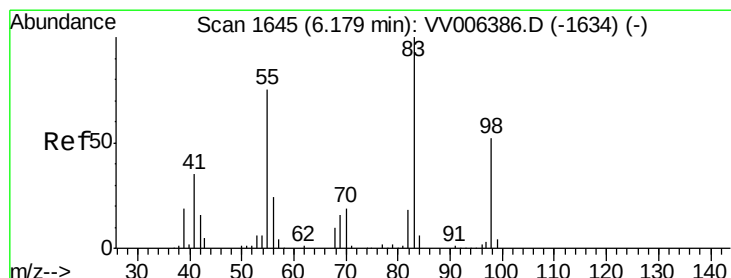
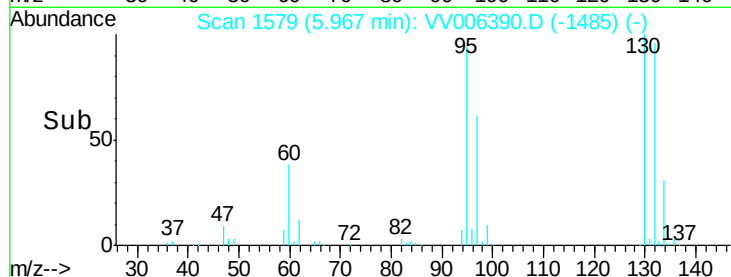
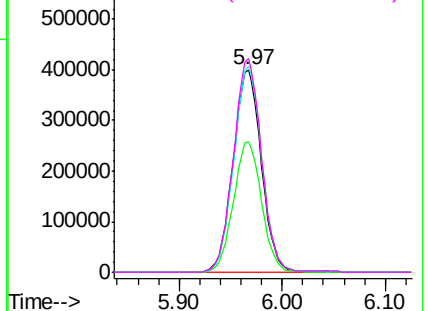


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.659 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006390.D

Acq: 21 Jun 2018 13:23

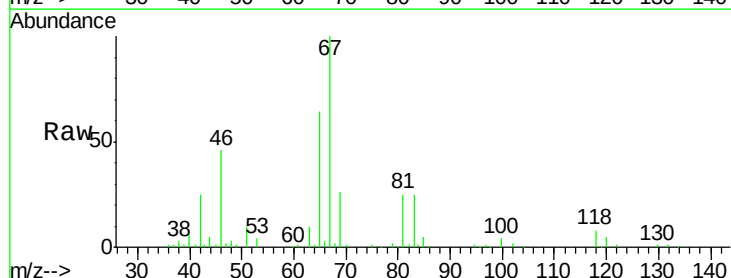
Tgt Ion: 83 Resp: 25116

Ion Ratio Lower Upper

83 100

55 0.0 57.5 86.3#

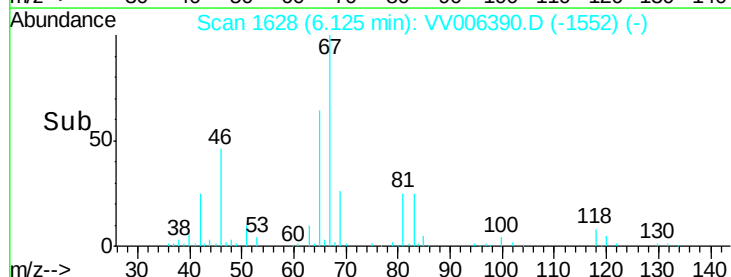
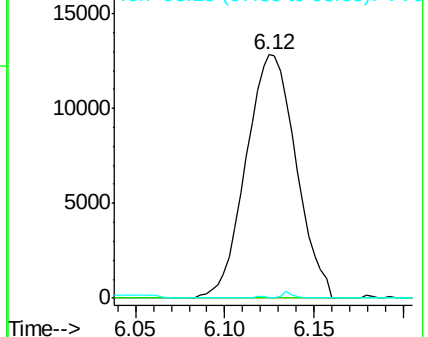
98 0.0 39.8 59.8#

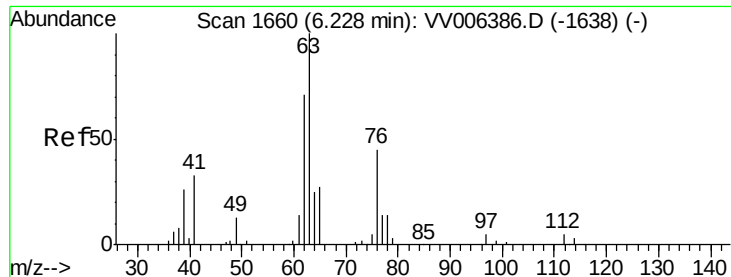


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

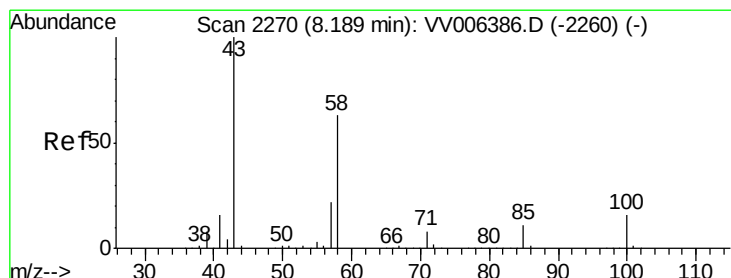
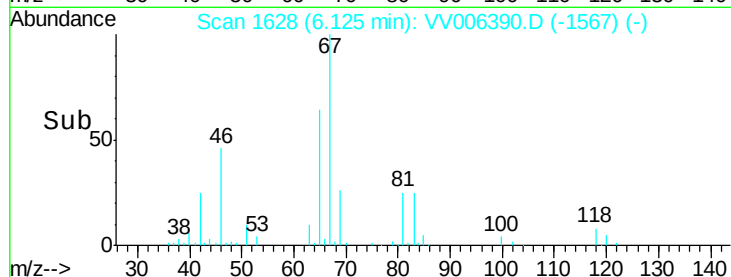
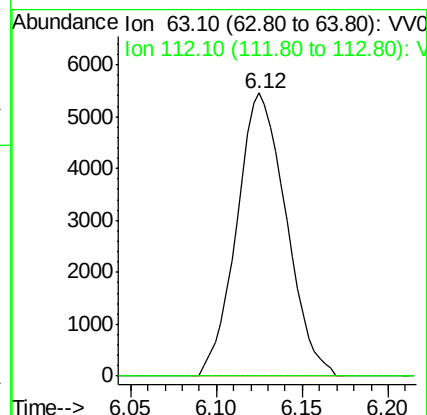
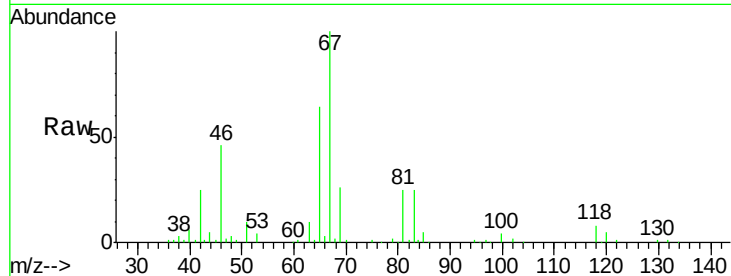




#37
 1,2-Dichloropropane
 Concen: 0.560 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006390.D
 Acq: 21 Jun 2018 13:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KE5

Tgt Ion: 63 Resp: 10892
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#48
 2-Hexanone
 Concen: 2.963 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VV006390.D
 Acq: 21 Jun 2018 13:23

Tgt Ion: 43 Resp: 20951
 Ion Ratio Lower Upper
 43 100
 58 49.5 48.6 72.8
 57 16.8 17.5 26.3#
 100 7.3 12.6 18.8#

