

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062518\
 Data File : VV006437.D
 Acq On : 25 Jun 2018 18:55
 Operator : SY/MD
 Sample : J3673-06 40X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA1

Quant Time: Jun 26 06:53:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:50:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	318156	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	285488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94332	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.59	69	74696	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.13	63	129118	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.98	46	190952	48.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	4.41	84	159557	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.09	65	80405	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.11	84	353188	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	104973	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.37	98	323758	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.67	79	33535	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.14	63	143021	44.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	60831	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	112943	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

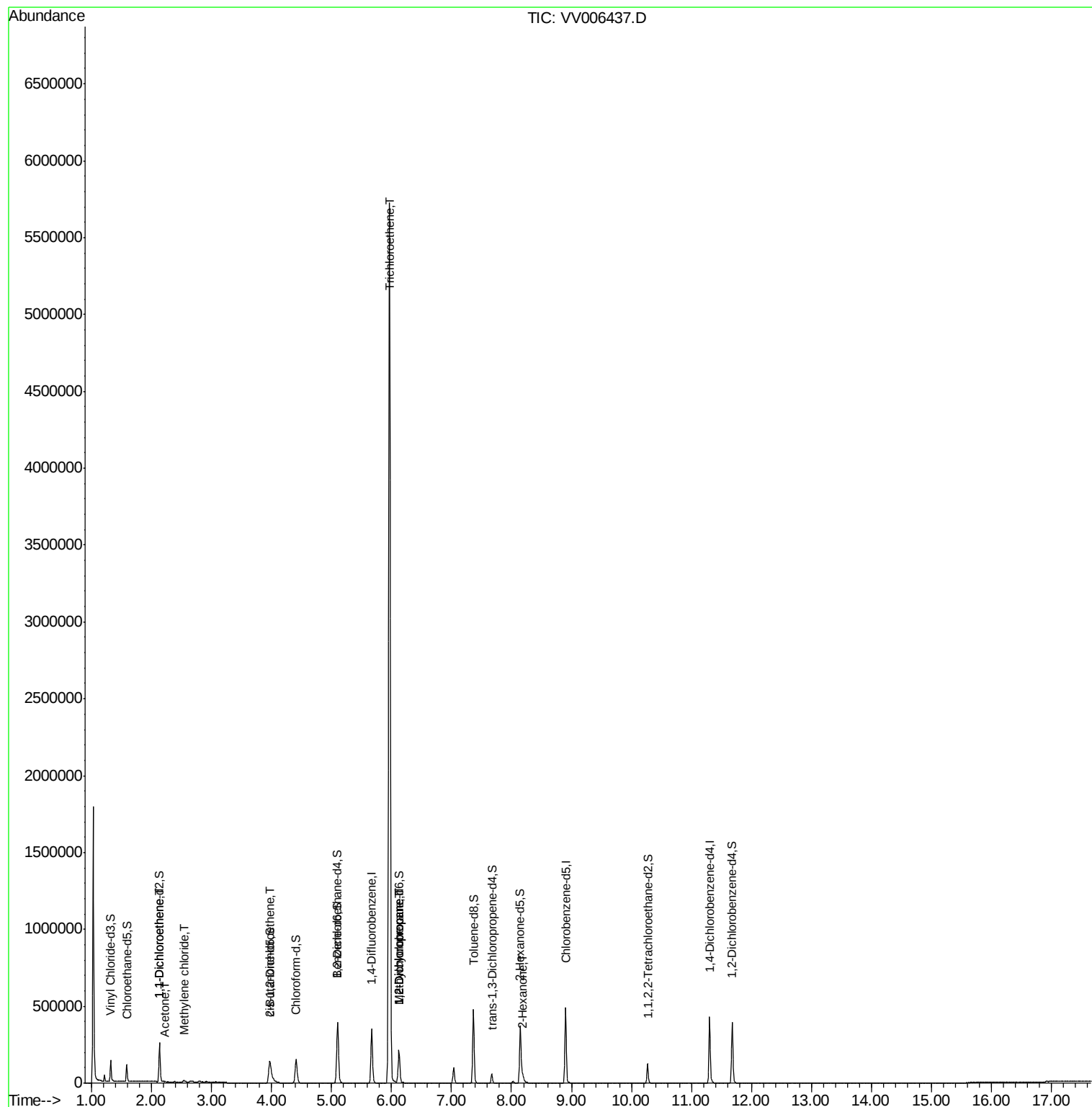
					Qvalue
12) 1,1-Dichloroethene	2.14	96	4918	0.256 ug/L #	1
13) Acetone	2.22	43	516	0.215 ug/L	67
16) Methylene chloride	2.54	84	4513	0.200 ug/L	90
22) cis-1,2-Dichloroethene	3.97	96	39214	1.693 ug/L	95
34) Trichloroethene	5.97	95	2005491	83.150 ug/L	99
35) Methylcyclohexane	6.13	83	26292	0.750 ug/L #	20
37) 1,2-Dichloropropane	6.13	63	10703	0.519 ug/L #	85
48) 2-Hexanone	8.19	43	24798	3.438 ug/L #	84

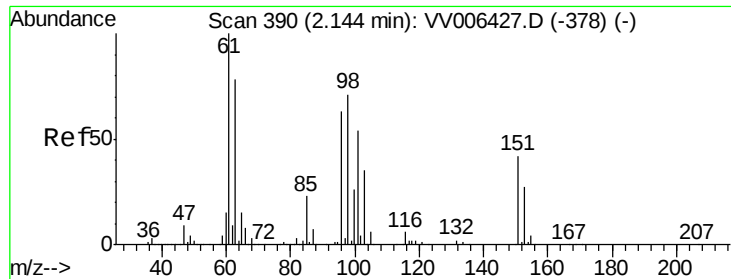
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 26 06:50:47 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.256 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV006437.D

Acq: 25 Jun 2018 18:55

Instrument :

MSVOA_V

ClientSampleId :

DAZA1

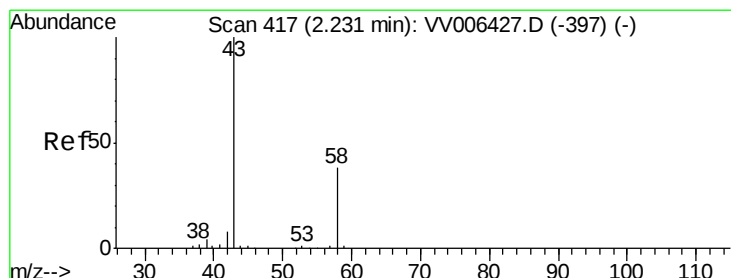
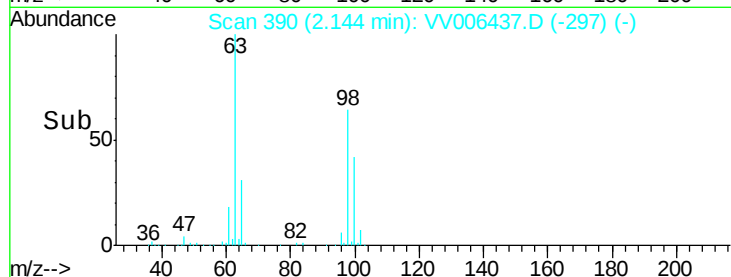
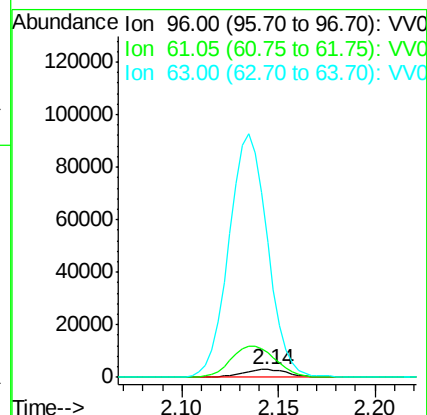
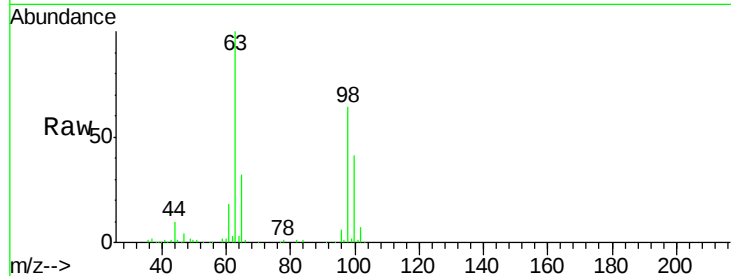
Tgt Ion: 96 Resp: 4918

Ion Ratio Lower Upper

96 100

61 316.6 111.4 207.0#

63 1721.1 87.4 162.2#



#13

Acetone

Concen: 0.215 ug/L

RT: 2.22 min Scan# 415

Delta R.T. -0.01 min

Lab File: VV006437.D

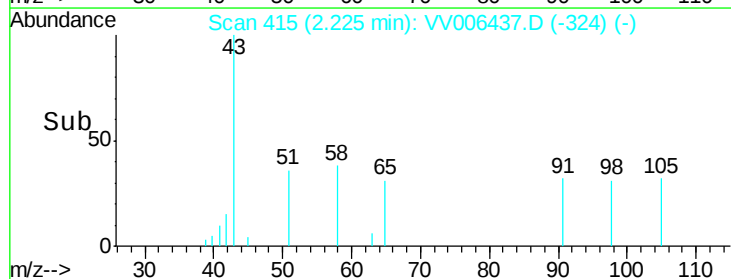
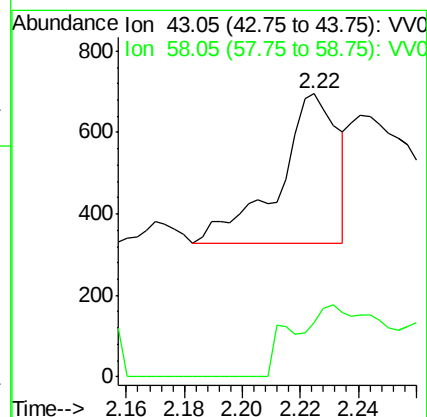
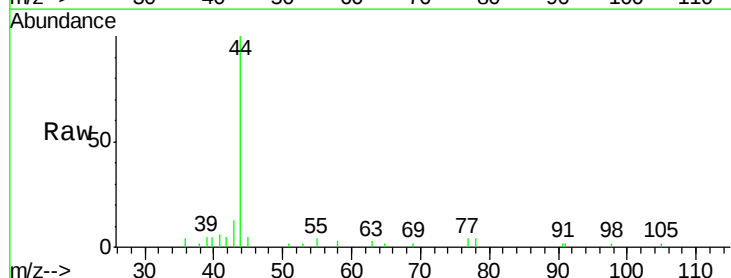
Acq: 25 Jun 2018 18:55

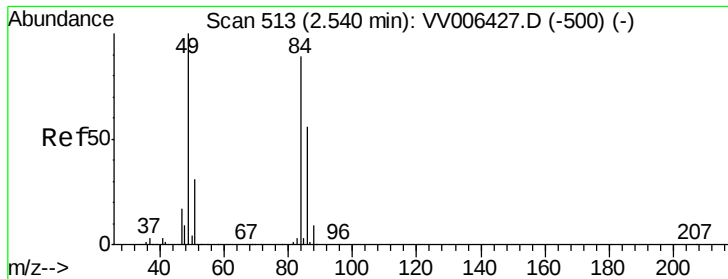
Tgt Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

58 58.5 0.0 77.4

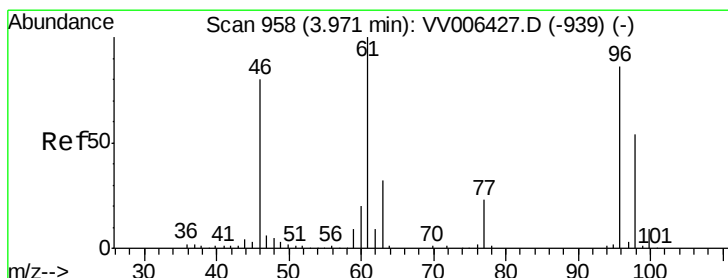
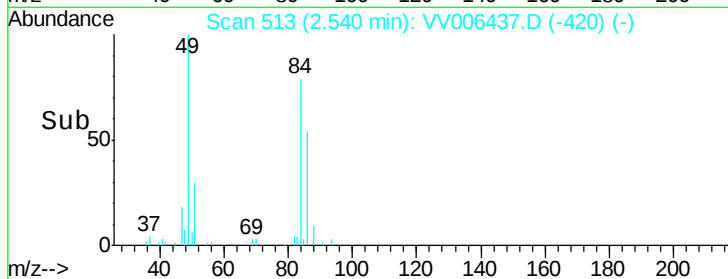
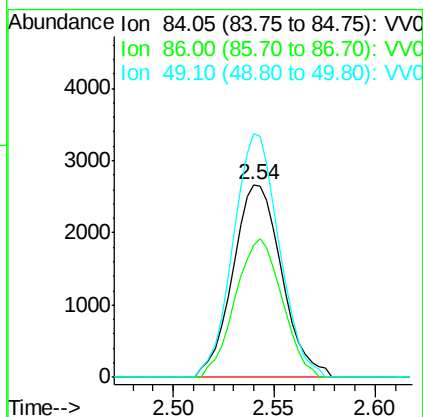
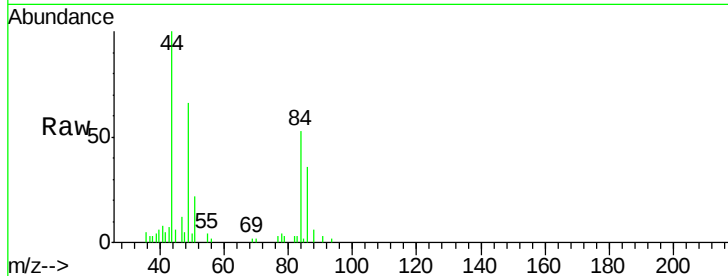




#16
Methylene chloride
Concen: 0.200 ug/L
RT: 2.54 min Scan# 513
Delta R.T. -0.00 min
Lab File: VV006437.D
Acq: 25 Jun 2018 18:55

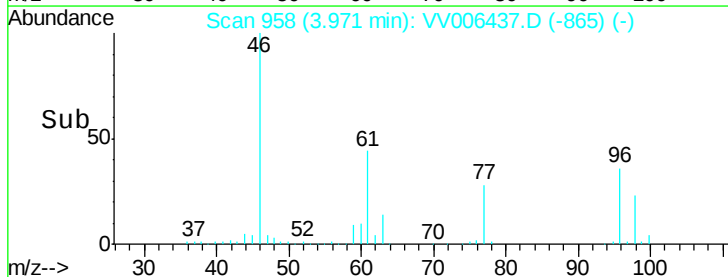
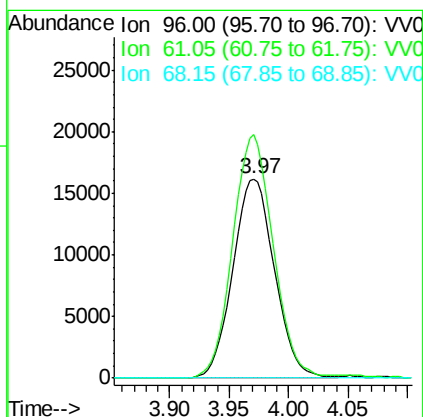
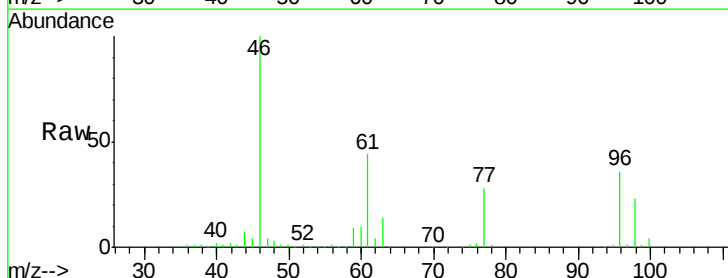
Instrument :
MSVOA_V
ClientSampleId :
DAZA1

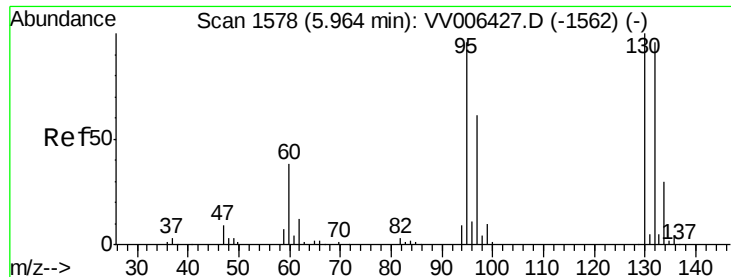
Tgt Ion: 84 Resp: 4513
Ion Ratio Lower Upper
84 100
86 68.5 44.2 82.2
49 126.3 79.0 146.8



#22
cis-1,2-Dichloroethene
Concen: 1.693 ug/L
RT: 3.97 min Scan# 958
Delta R.T. -0.00 min
Lab File: VV006437.D
Acq: 25 Jun 2018 18:55

Tgt Ion: 96 Resp: 39214
Ion Ratio Lower Upper
96 100
61 122.1 81.8 151.8
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 83.150 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV006437.D

Acq: 25 Jun 2018 18:55

Instrument :

MSVOA_V

ClientSampleId :

DAZA1

Tgt Ion: 95 Resp: 2005491

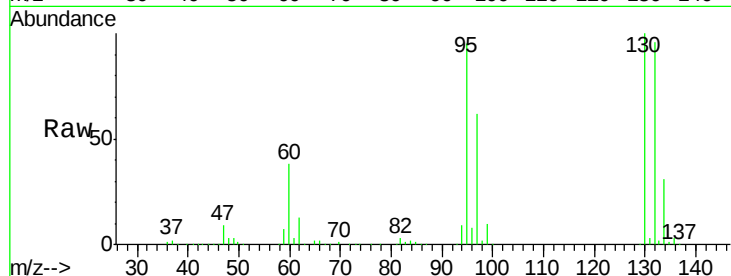
Ion Ratio Lower Upper

95 100

97 64.9 44.6 82.8

132 101.6 70.1 130.1

130 105.4 73.3 136.1

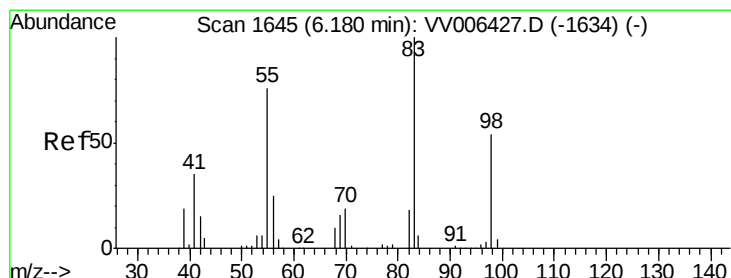
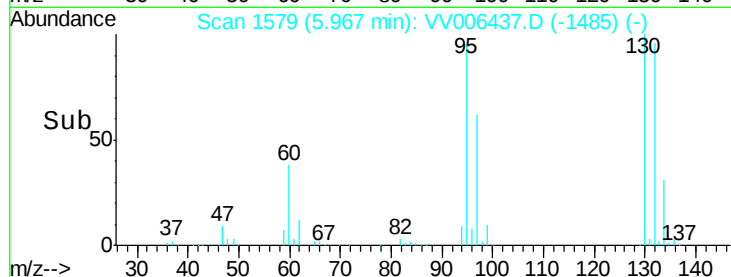
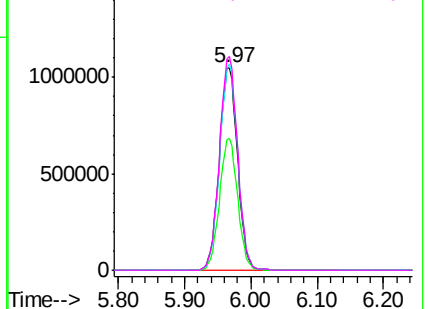


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.750 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV006437.D

Acq: 25 Jun 2018 18:55

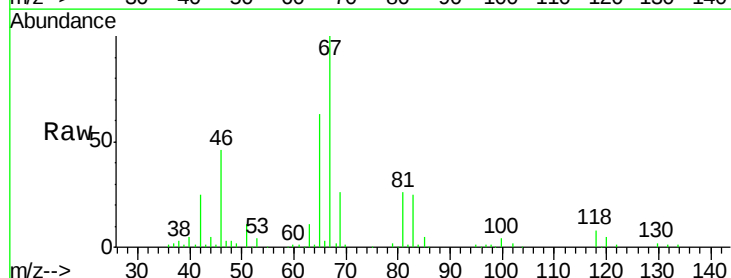
Tgt Ion: 83 Resp: 26292

Ion Ratio Lower Upper

83 100

55 0.4 57.5 86.3#

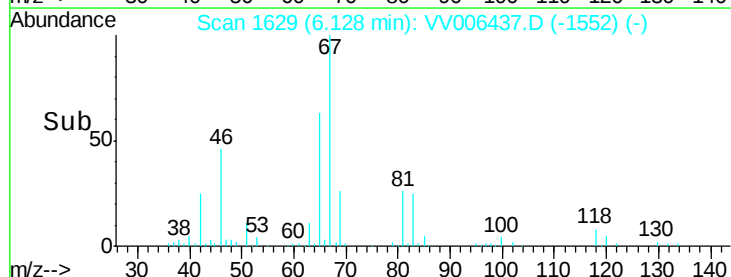
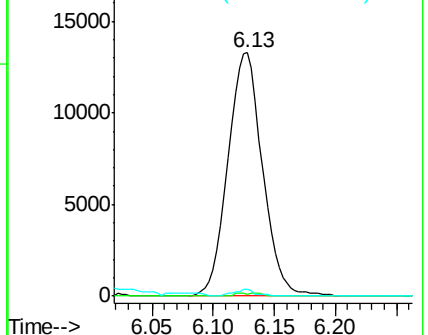
98 0.0 39.6 59.4#

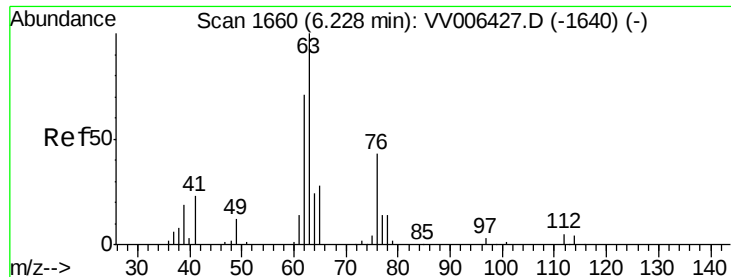


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VV006437.D

Acq: 25 Jun 2018 18:55

Instrument :

MSVOA_V

ClientSampleId :

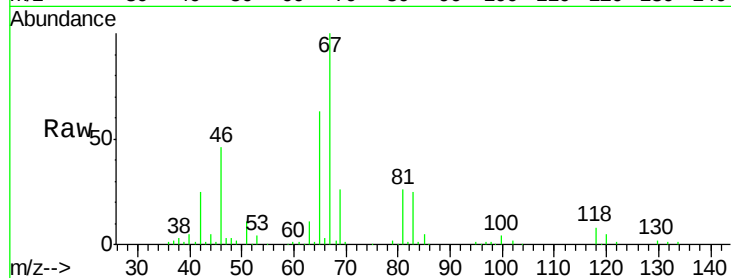
DAZA1

Tgt Ion: 63 Resp: 10703

Ion Ratio Lower Upper

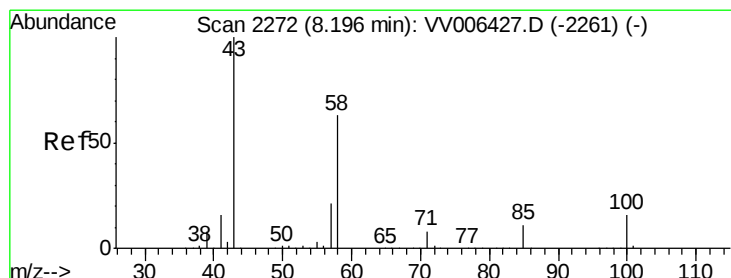
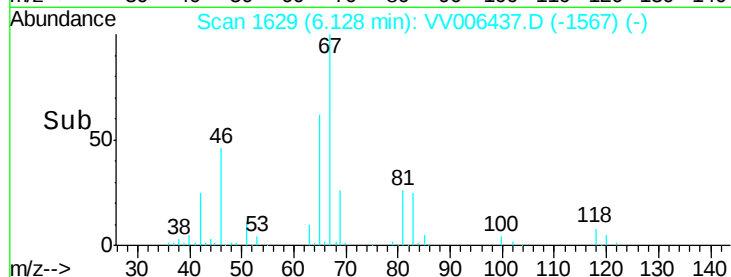
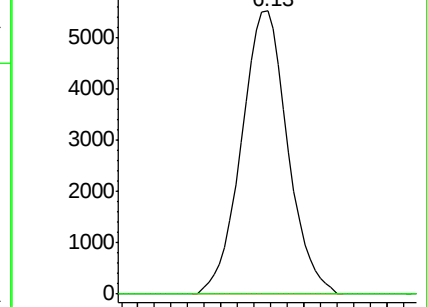
63 100

112 0.0 4.0 6.0#



Abundance Ion 63.10 (62.80 to 63.80): VV006437.D (-1629) (-)

Ion 112.10 (111.80 to 112.80): VV006437.D (-1629) (-)



#48

2-Hexanone

Concen: 3.438 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006437.D

Acq: 25 Jun 2018 18:55

Tgt Ion: 43 Resp: 24798

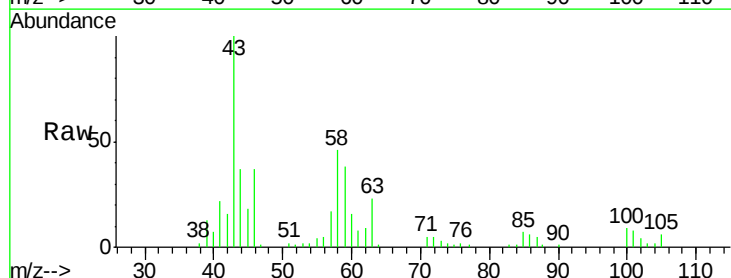
Ion Ratio Lower Upper

43 100

58 49.1 49.9 74.9#

57 15.5 17.3 25.9#

100 8.7 12.5 18.7#



Abundance Ion 43.05 (42.75 to 43.75): VV006437.D (-2179) (-)

Ion 58.05 (57.75 to 58.75): VV006437.D (-2179) (-)

Ion 57.20 (56.90 to 57.90): VV006437.D (-2179) (-)

Ion 100.15 (99.85 to 100.85): VV006437.D (-2179) (-)

