

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062518\
 Data File : VV006434.D
 Acq On : 25 Jun 2018 17:34
 Operator : SY/MD
 Sample : J3673-03 40X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZ98

Quant Time: Jun 26 06:53:20 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	339307	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	306127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	136623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95339	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.59	69	77668	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.13	63	129398	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.97	46	191049	45.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.40%
24) Chloroform-d	4.41	84	159256	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.09	65	79637	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	357323	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.12	67	106888	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	325783	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	34680	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.14	63	144362	41.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59436	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	116132	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

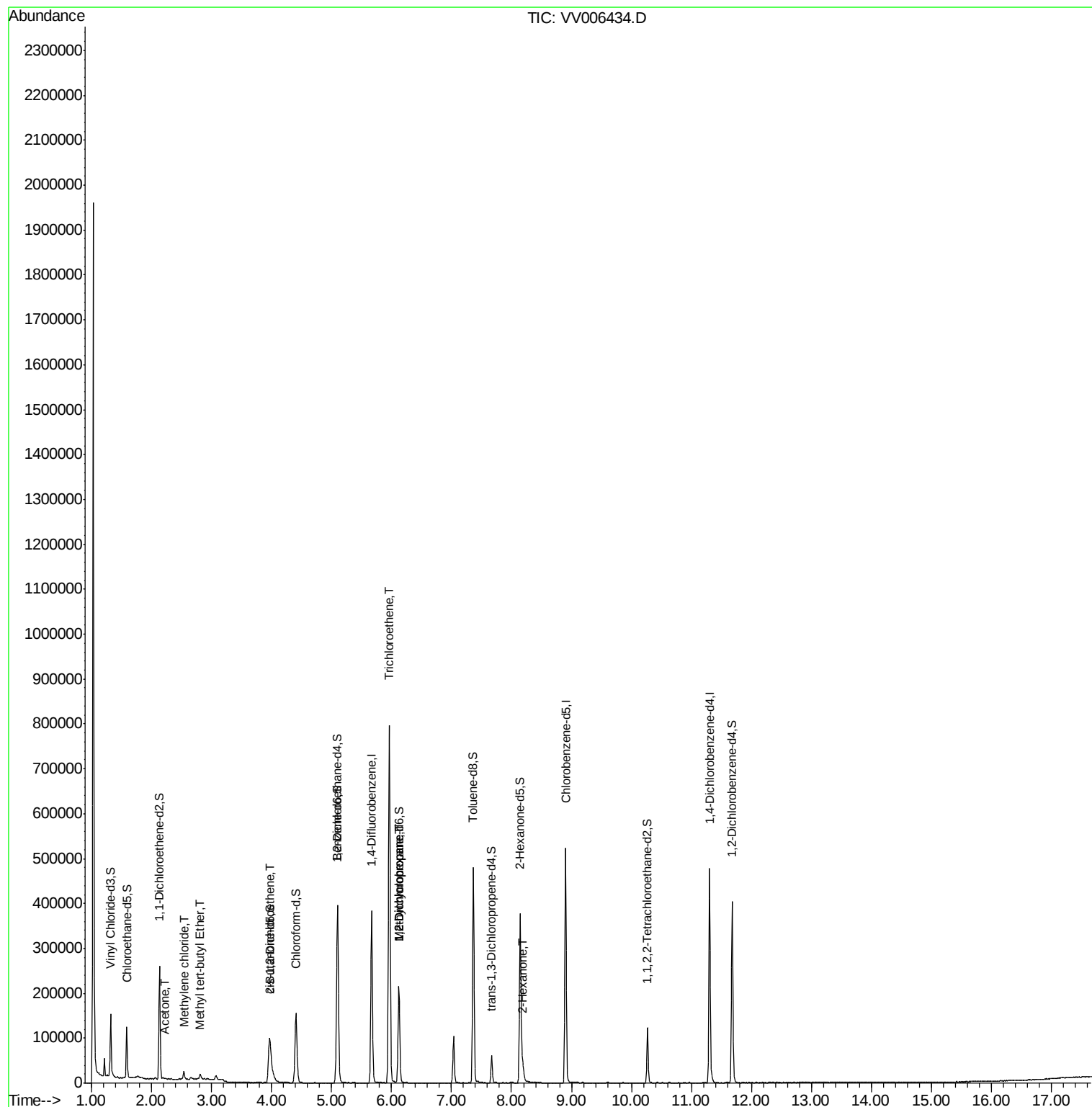
					Qvalue
13) Acetone	2.22	43	2061	0.804 ug/L	64
16) Methylene chloride	2.54	84	7284	0.303 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	10298	0.207 ug/L #	88
22) cis-1,2-Dichloroethene	3.97	96	6178	0.250 ug/L	92
34) Trichloroethene	5.96	95	274210	10.603 ug/L	98
35) Methylcyclohexane	6.12	83	25783	0.686 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	11191	0.507 ug/L #	85
48) 2-Hexanone	8.19	43	18617	2.407 ug/L #	86

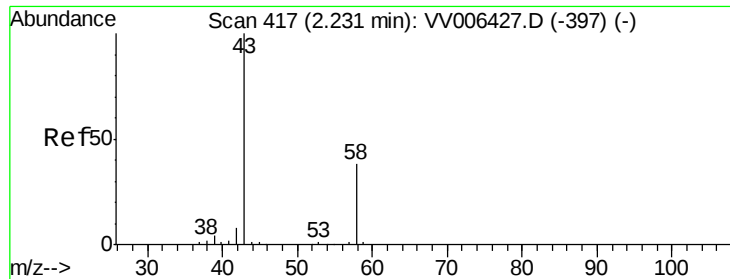
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 0.804 ug/L

RT: 2.22 min Scan# 414

Delta R.T. -0.01 min

Lab File: VV006434.D

Acq: 25 Jun 2018 17:34

Instrument :

MSVOA_V

ClientSampleId :

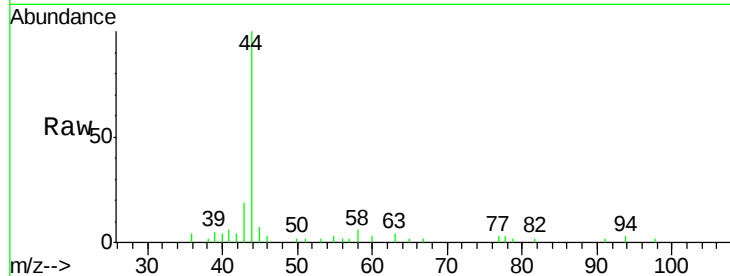
DAZ98

Tgt Ion: 43 Resp: 2061

Ion Ratio Lower Upper

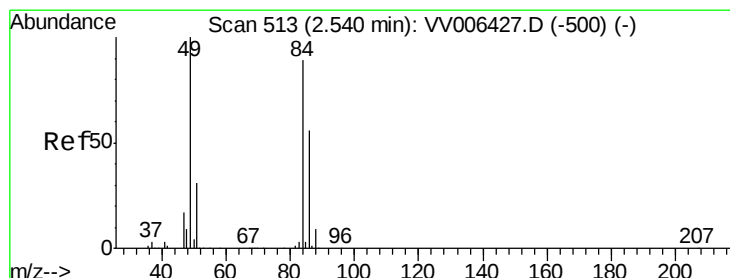
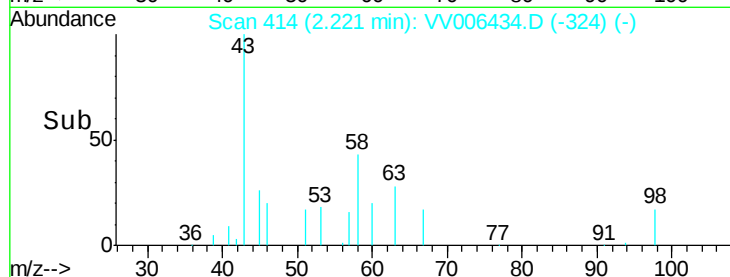
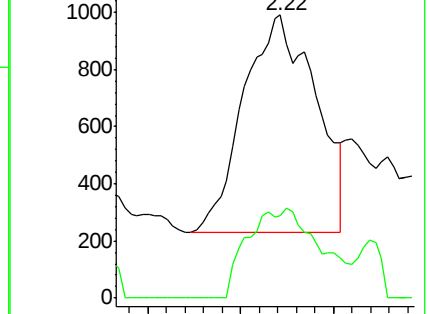
43 100

58 17.0 0.0 77.4



Abundance Ion 43.05 (42.75 to 43.75): VV006434.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VV006434.D (-324) (-)



#16

Methylene chloride

Concen: 0.303 ug/L

RT: 2.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VV006434.D

Acq: 25 Jun 2018 17:34

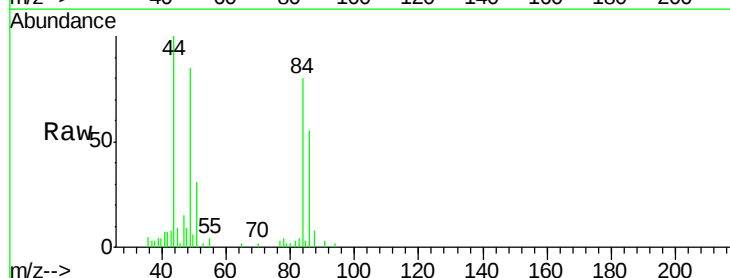
Tgt Ion: 84 Resp: 7284

Ion Ratio Lower Upper

84 100

86 68.7 44.2 82.2

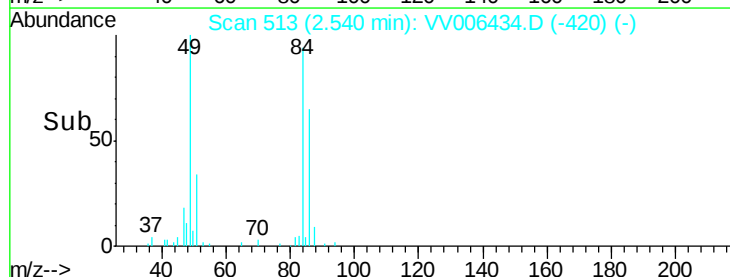
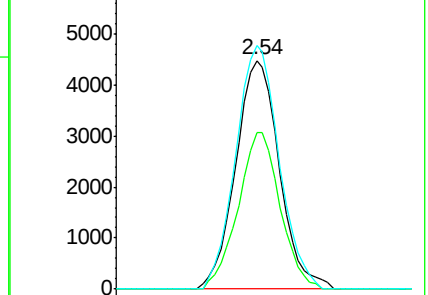
49 113.7 79.0 146.8

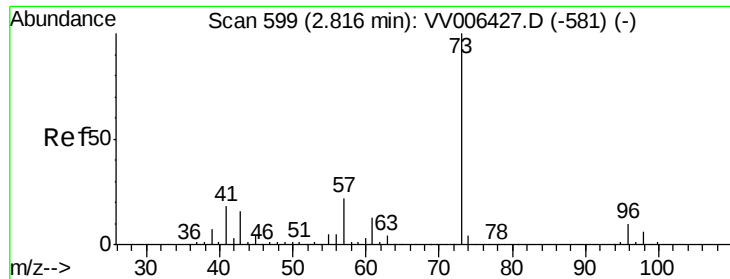


Abundance Ion 84.05 (83.75 to 84.75): VV006434.D (-420) (-)

Ion 86.00 (85.70 to 86.70): VV006434.D (-420) (-)

Ion 49.10 (48.80 to 49.80): VV006434.D (-420) (-)

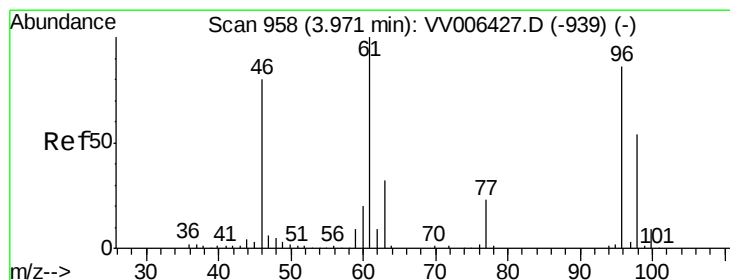
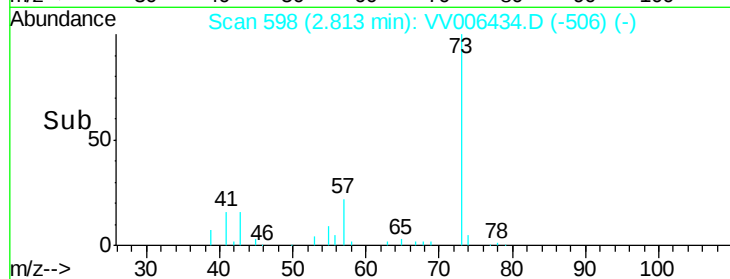
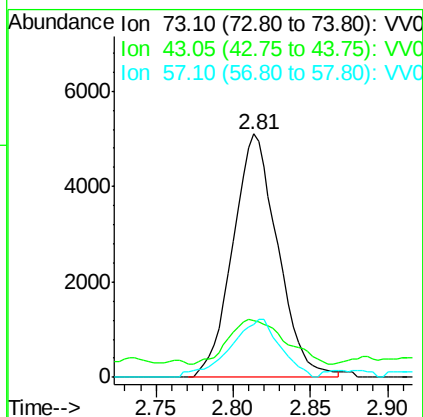
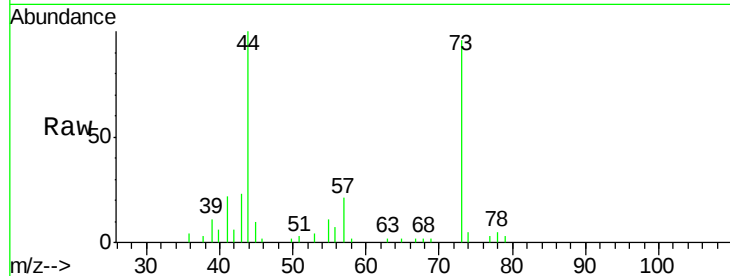




#17
Methyl tert-butyl Ether
Concen: 0.207 ug/L
RT: 2.81 min Scan# 598
Delta R.T. -0.00 min
Lab File: VV006434.D
Acq: 25 Jun 2018 17:34

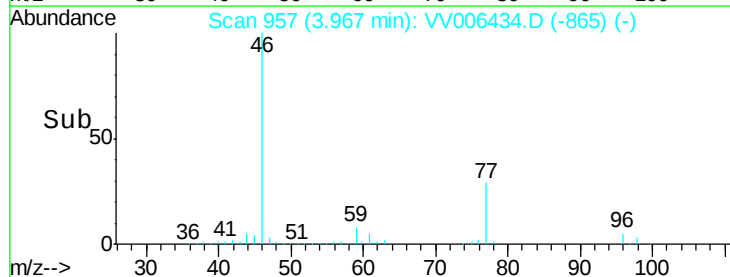
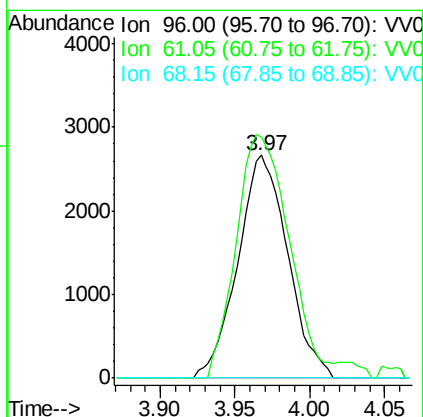
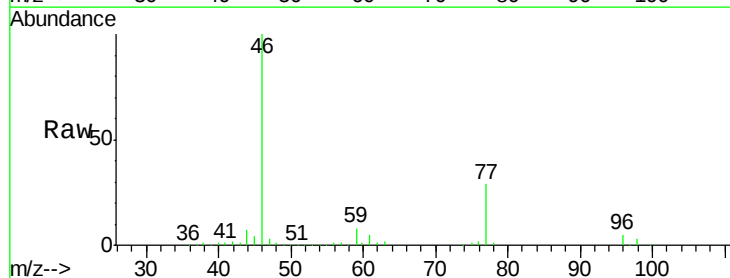
Instrument :
MSVOA_V
ClientSampleId :
DAZ98

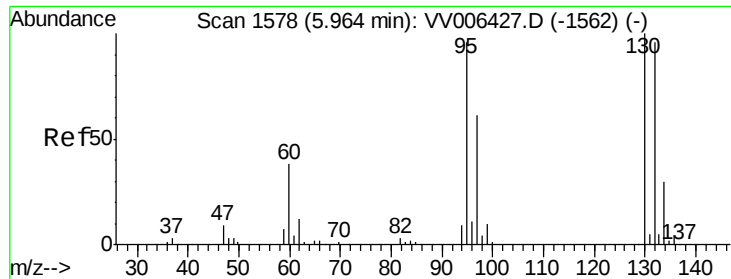
Tgt Ion: 73 Resp: 10298
Ion Ratio Lower Upper
73 100
43 22.8 12.9 19.3#
57 26.5 17.5 26.3#



#22
cis-1,2-Dichloroethene
Concen: 0.250 ug/L
RT: 3.97 min Scan# 957
Delta R.T. -0.00 min
Lab File: VV006434.D
Acq: 25 Jun 2018 17:34

Tgt Ion: 96 Resp: 6178
Ion Ratio Lower Upper
96 100
61 108.5 81.8 151.8
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 10.603 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006434.D

Acq: 25 Jun 2018 17:34

Instrument :

MSVOA_V

ClientSampleId :

DAZ98

Tgt Ion: 95 Resp: 274210

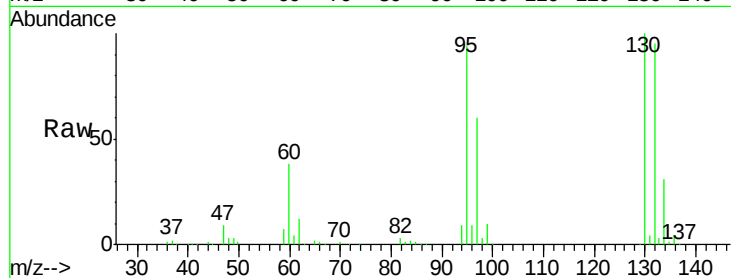
Ion Ratio Lower Upper

95 100

97 64.5 44.6 82.8

132 101.9 70.1 130.1

130 106.7 73.3 136.1

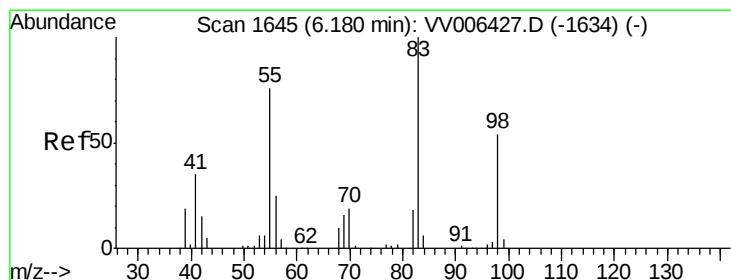
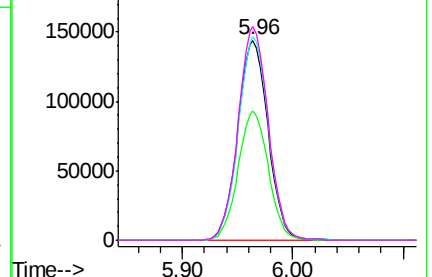
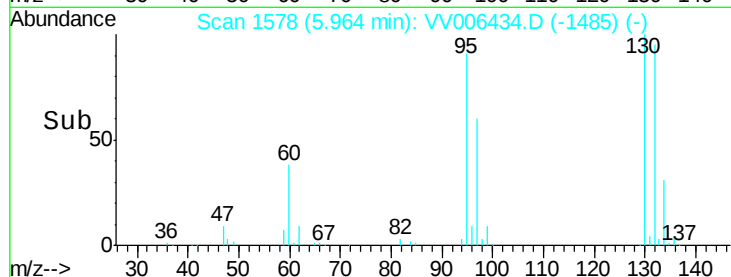


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.686 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006434.D

Acq: 25 Jun 2018 17:34

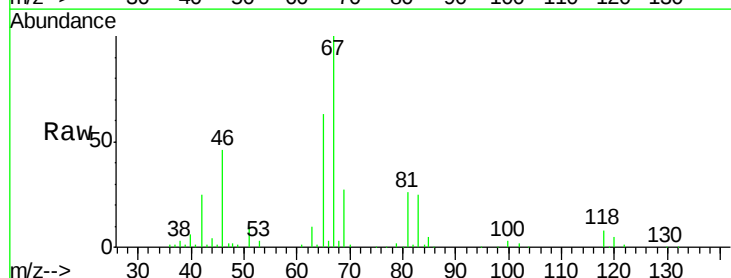
Tgt Ion: 83 Resp: 25783

Ion Ratio Lower Upper

83 100

55 0.3 57.5 86.3#

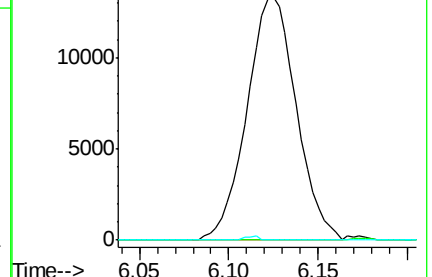
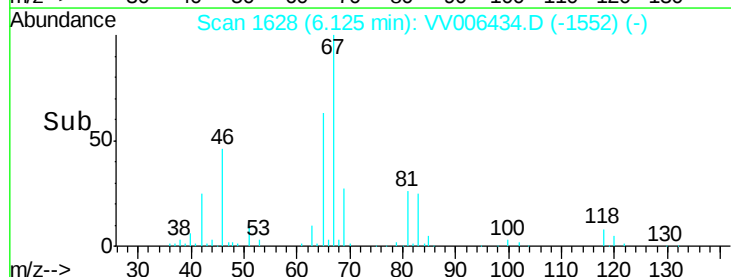
98 0.0 39.6 59.4#

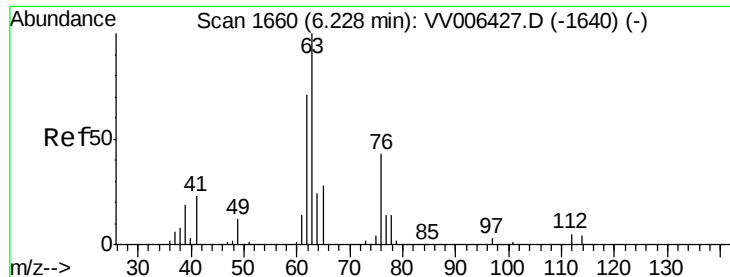


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.507 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006434.D

Acq: 25 Jun 2018 17:34

Instrument :

MSVOA_V

ClientSampleId :

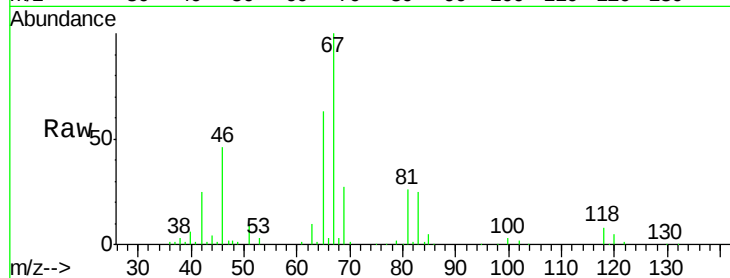
DAZ98

Tgt Ion: 63 Resp: 11191

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



Abundance Ion 63.10 (62.80 to 63.80): VV006434.D (-1640) (-)

Ion 112.10 (111.80 to 112.80): VV006434.D (-1640) (-)

6.12

6000

5000

4000

3000

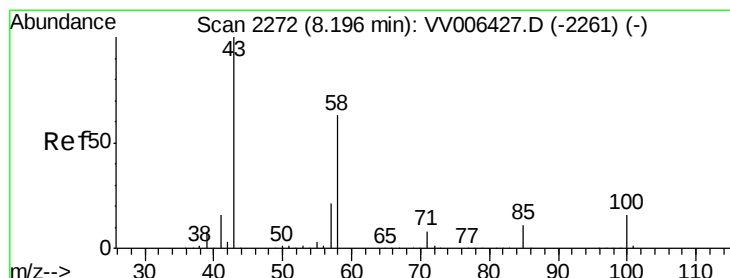
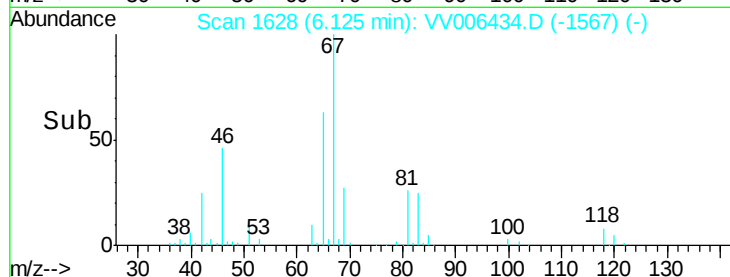
2000

1000

0

6.05 6.10 6.15 6.20

Time-->



#48

2-Hexanone

Concen: 2.407 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006434.D

Acq: 25 Jun 2018 17:34

Tgt Ion: 43 Resp: 18617

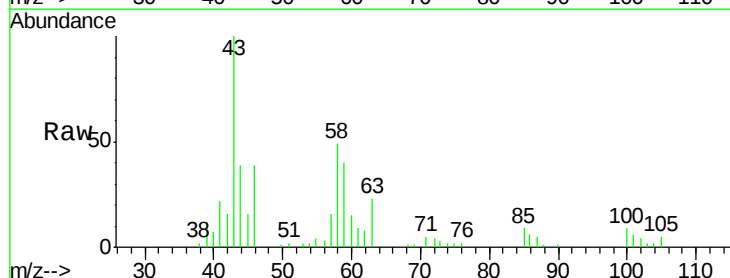
Ion Ratio Lower Upper

43 100

58 50.3 49.9 74.9

57 17.6 17.3 25.9

100 8.6 12.5 18.7#



Abundance Ion 43.05 (42.75 to 43.75): VV006434.D (-2179) (-)

Ion 58.05 (57.75 to 58.75): VV006434.D (-2179) (-)

Ion 57.20 (56.90 to 57.90): VV006434.D (-2179) (-)

Ion 100.15 (99.85 to 100.85): VV006434.D (-2179) (-)

8.19

10000

5000

0

8.15 8.20 8.25

Time-->

