

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
 Data File : VV006671.D
 Acq On : 20 Jul 2018 16:54
 Operator : SY/MD
 Sample : J3983-20
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB1A1

Quant Time: Jul 26 02:10:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 26 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	235487	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	215198	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96345	5.00	ug/L	0.00

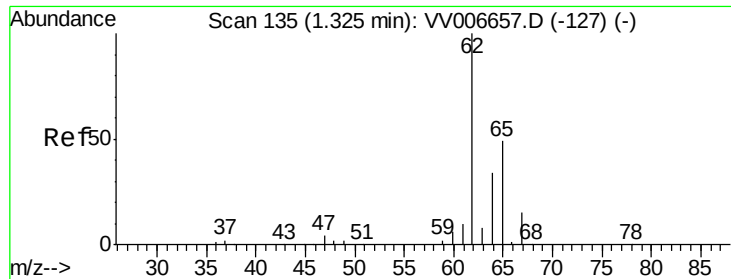
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82987	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.57	69	58606	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.13	63	111457	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.95	46	169894	47.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.66%
24) Chloroform-d	4.40	84	137525	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.09	65	66015	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	293061	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	91758	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	255842	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.67	79	24818	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	148015	48.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64604	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	90735	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	11164	0.456 ug/L #	1
8) Chloroethane	1.53	64	31260	2.225 ug/L #	54
13) Acetone	2.19	43	3296	1.197 ug/L	97
14) Carbon disulfide	2.32	76	18734	0.331 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	335960	17.484 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	572966	28.480 ug/L	100
34) Trichloroethene	5.96	95	188902	9.863 ug/L	99
35) Methylcyclohexane	6.12	83	21556	0.674 ug/L #	18

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



#5

Vinyl chloride

Concen: 0.456 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006671.D

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Instrument :

MSVOA_V

ClientSampled :

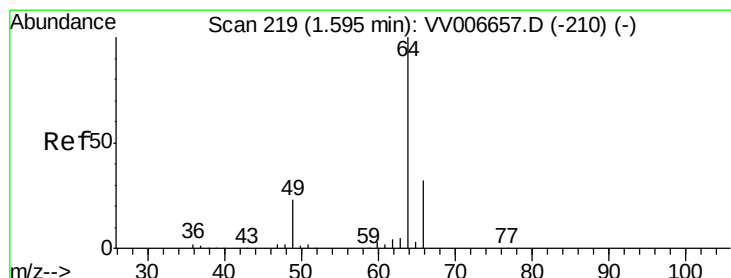
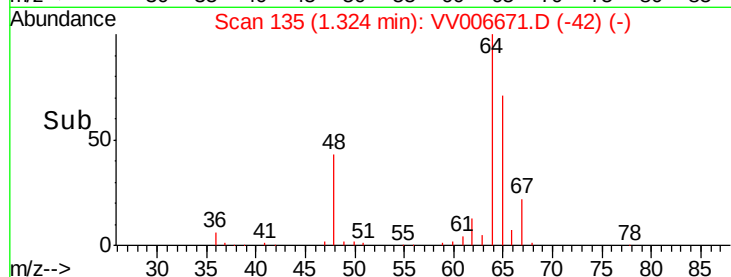
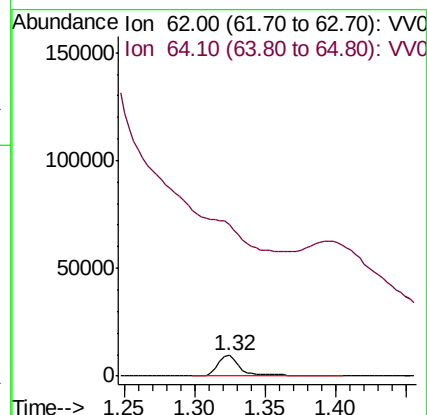
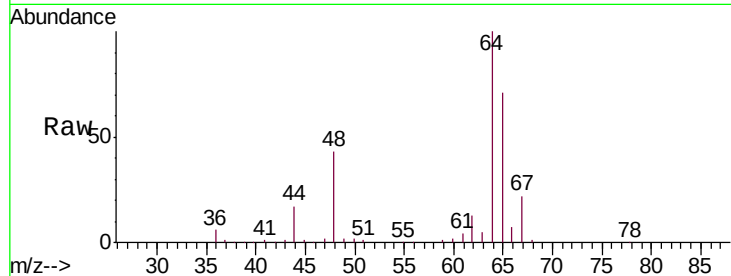
DB1A1

Tgt Ion: 62 Resp: 11164

Ion Ratio Lower Upper

62 100

64 745.0 23.7 44.1#



#8

Chloroethane

Concen: 2.225 ug/L

RT: 1.53 min Scan# 199

Delta R.T. -0.06 min

Lab File: VV006671.D

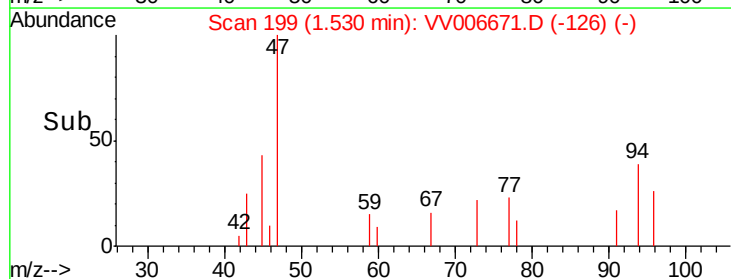
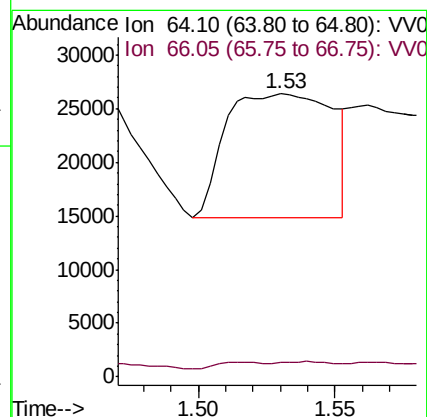
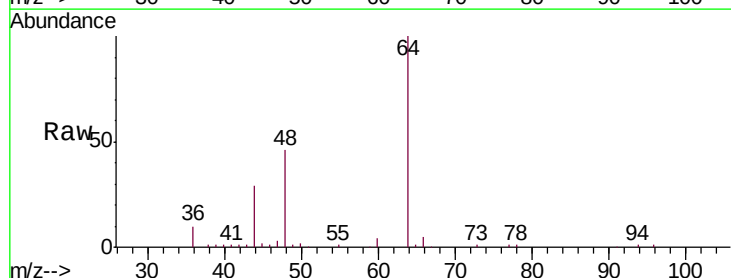
Acq: 20 Jul 2018 16:54

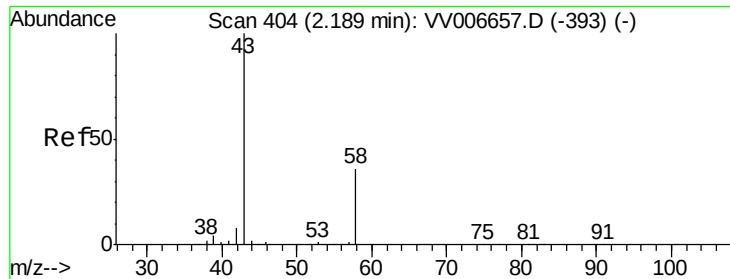
Tgt Ion: 64 Resp: 31260

Ion Ratio Lower Upper

64 100

66 5.0 21.1 39.3#

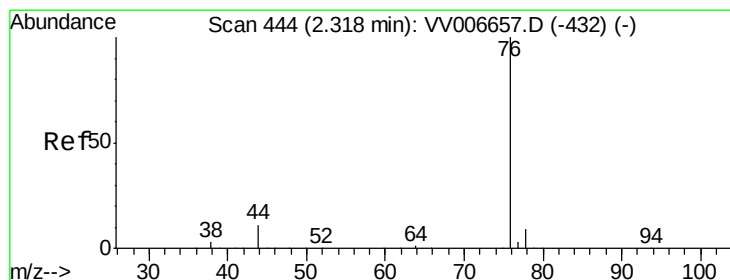
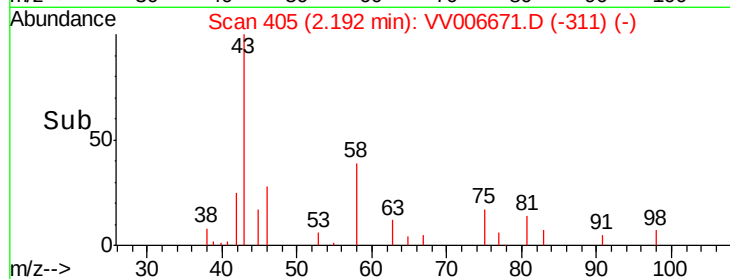
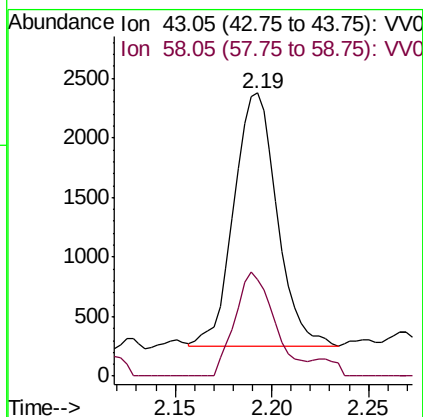
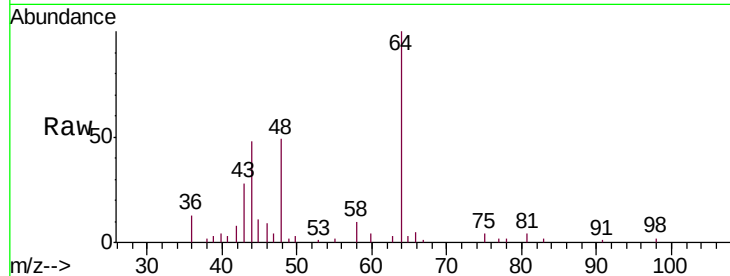




#13
Acetone
Concen: 1.197 ug/L
RT: 2.19 min Scan# 405
Delta R.T. 0.00 min
Lab File: VV006671.D
Acq: 20 Jul 2018 16:54

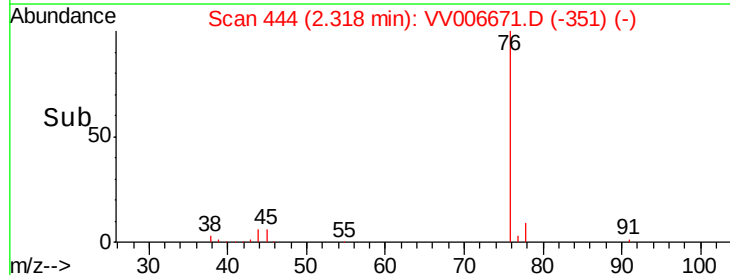
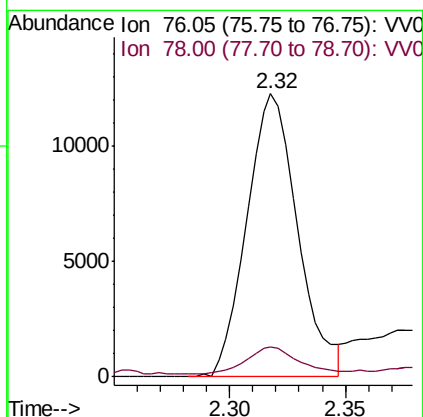
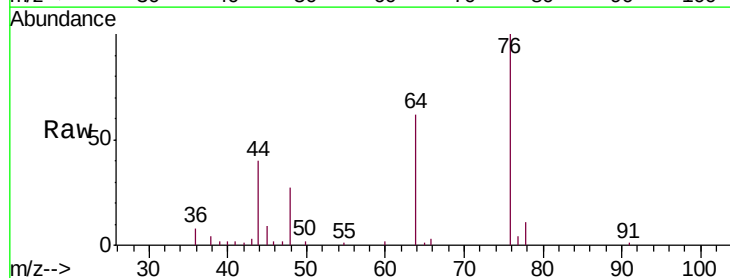
Instrument :
MSVOA_V
ClientSampleId :
DB1A1

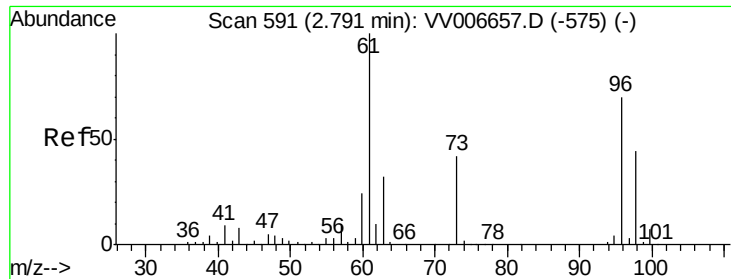
Tgt Ion: 43 Resp: 3296
Ion Ratio Lower Upper
43 100
58 38.0 0.0 72.8



#14
Carbon disulfide
Concen: 0.331 ug/L
RT: 2.32 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV006671.D
Acq: 20 Jul 2018 16:54

Tgt Ion: 76 Resp: 18734
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9





#18

trans-1,2-Dichloroethene

Concen: 17.484 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006671.D

Acq: 20 Jul 2018 16:54

Instrument :

MSVOA_V

ClientSampleId :

DB1A1

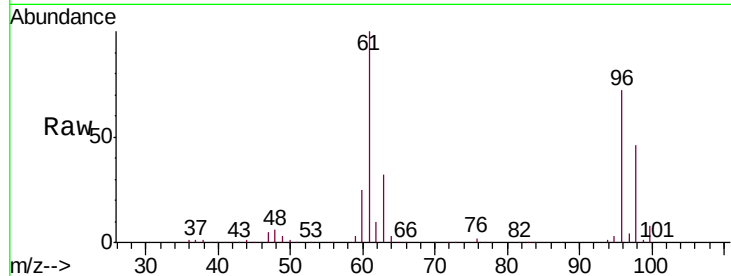
Tgt Ion: 96 Resp: 335960

Ion Ratio Lower Upper

96 100

61 138.6 96.0 178.4

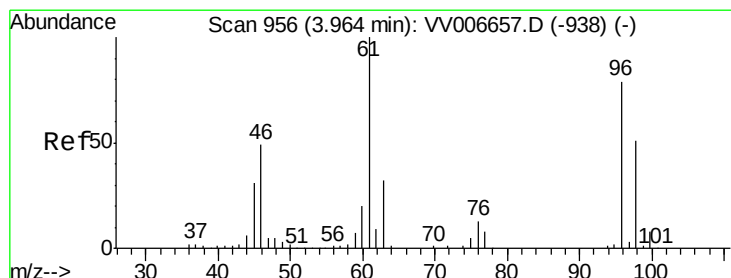
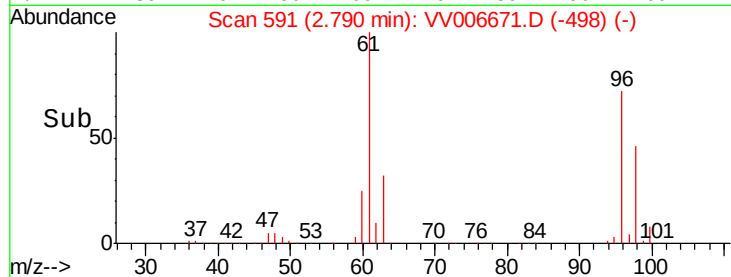
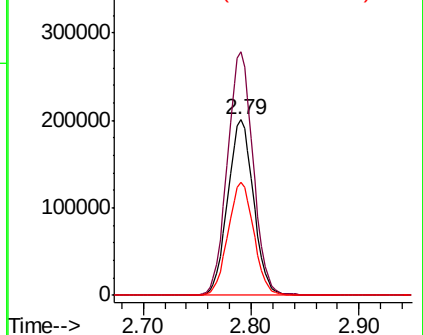
98 64.2 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 28.480 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006671.D

Acq: 20 Jul 2018 16:54

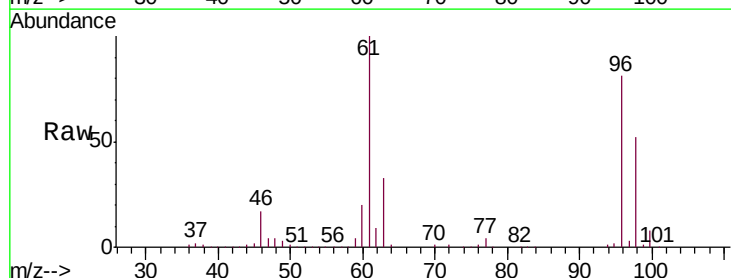
Tgt Ion: 96 Resp: 572966

Ion Ratio Lower Upper

96 100

61 123.1 86.2 160.0

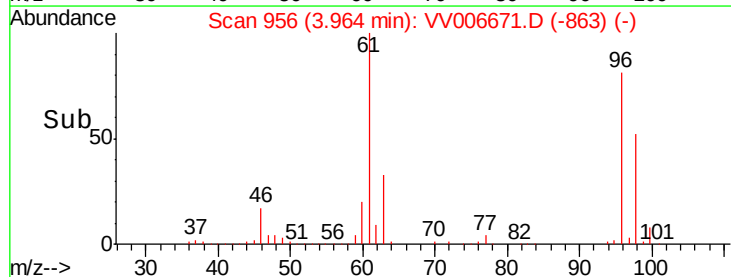
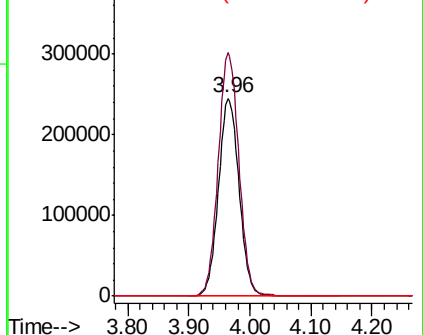
68 0.0 0.0 0.0

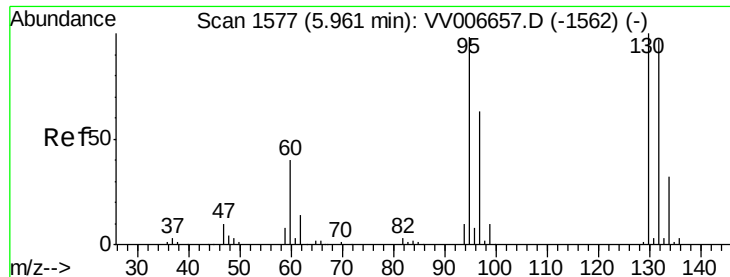


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 9.863 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006671.D

Acq: 20 Jul 2018 16:54

Instrument :

MSVOA_V

ClientSampleId :

DB1A1

Tgt Ion: 95 Resp: 188902

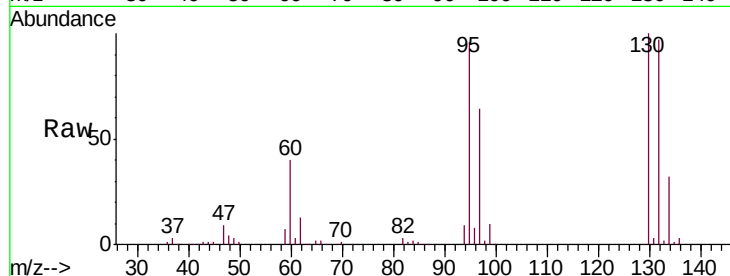
Ion Ratio Lower Upper

95 100

97 66.8 45.3 84.1

132 101.4 70.3 130.7

130 104.3 73.7 136.9

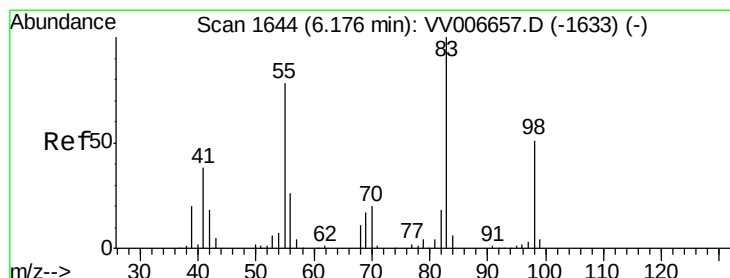
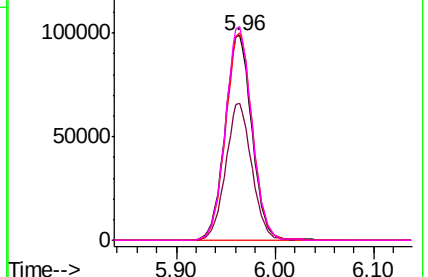
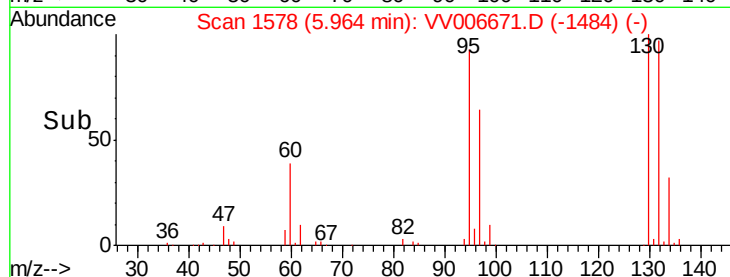


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.674 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006671.D

Acq: 20 Jul 2018 16:54

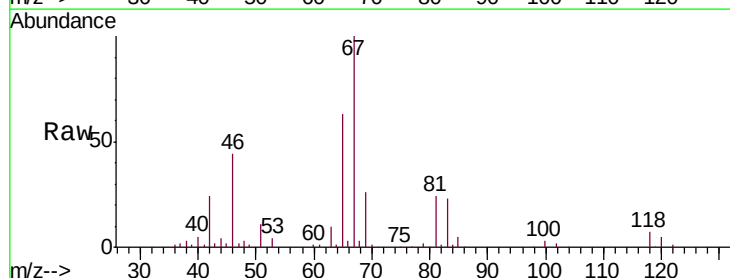
Tgt Ion: 83 Resp: 21556

Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

98 0.0 39.4 59.0#



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

