

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
 Data File : VV006666.D
 Acq On : 20 Jul 2018 14:38
 Operator : SY/MD
 Sample : J3983-19DL 10X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB199DL

Quant Time: Jul 26 02:09:50 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	239327	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	220410	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84759	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.63	69	3409	0.30	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	6.00%#
11) 1,1-Dichloroethene-d2	2.13	63	114545	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.95	46	165183	45.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.56%
24) Chloroform-d	4.41	84	140796	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.09	65	68510	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	304043	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	95274	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	267837	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	27048	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	147575	46.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65793	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	93293	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

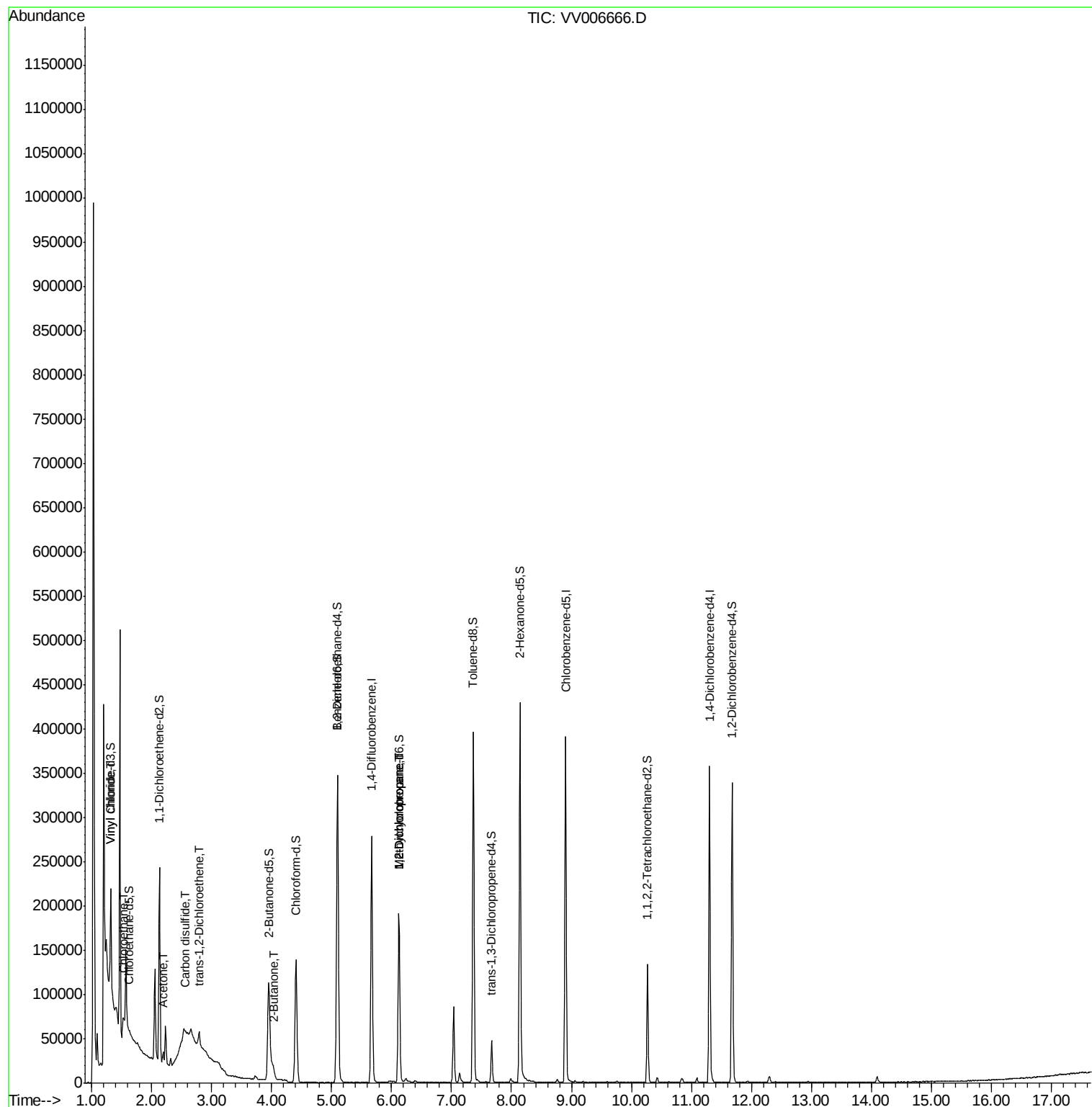
					Qvalue
5) Vinyl chloride	1.32	62	7715	0.310 ug/L #	1
8) Chloroethane	1.52	64	12252	0.858 ug/L #	53
13) Acetone	2.19	43	9807	3.505 ug/L	99
14) Carbon disulfide	2.57	76	224962	3.915 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	6383	0.327 ug/L	95
21) 2-Butanone	4.04	43	8635	1.843 ug/L	99
35) Methylcyclohexane	6.12	83	21933	0.670 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9532	0.482 ug/L #	86

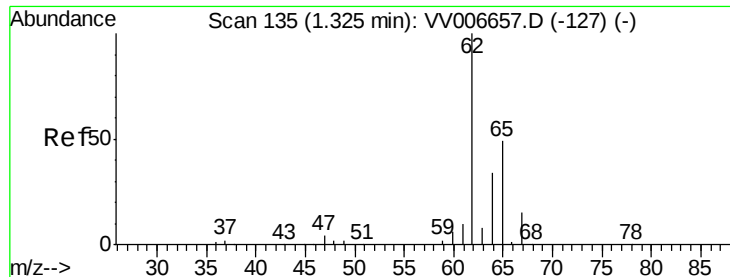
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 26 02:08:26 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.310 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

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Acq: 20 Jul 2018 14:38

Instrument :

MSVOA_V

ClientSampleId :

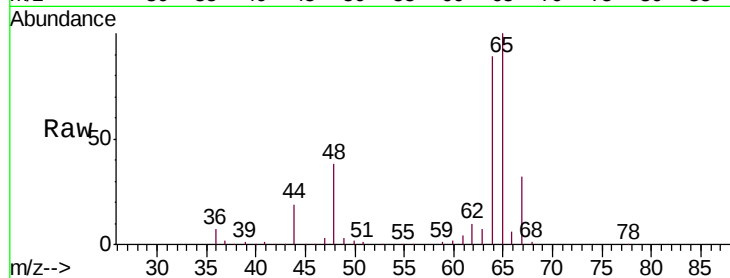
DB199DL

Tgt Ion: 62 Resp: 7715

Ion Ratio Lower Upper

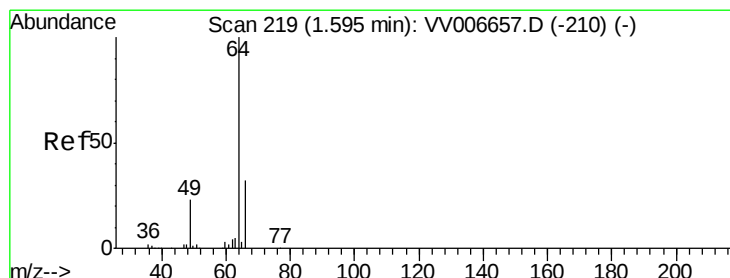
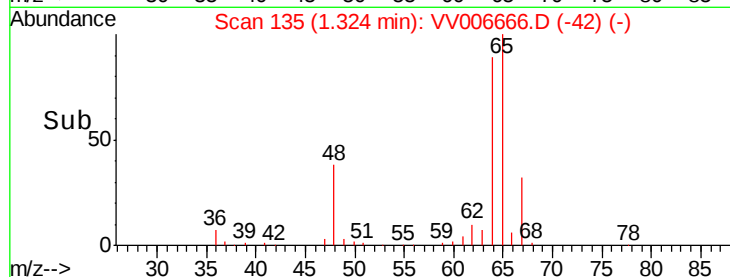
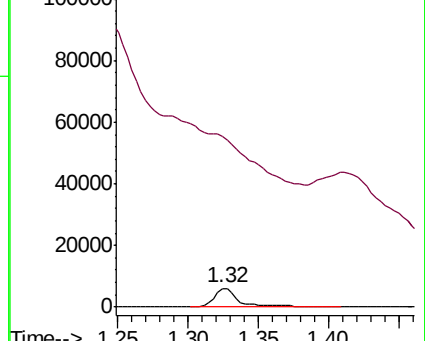
62 100

64 895.9 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 0.858 ug/L

RT: 1.52 min Scan# 195

Delta R.T. -0.08 min

Lab File: VV006666.D

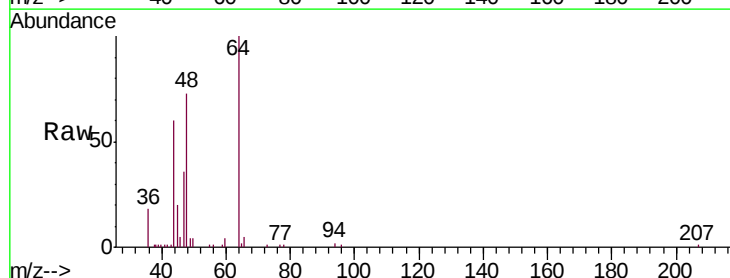
Acq: 20 Jul 2018 14:38

Tgt Ion: 64 Resp: 12252

Ion Ratio Lower Upper

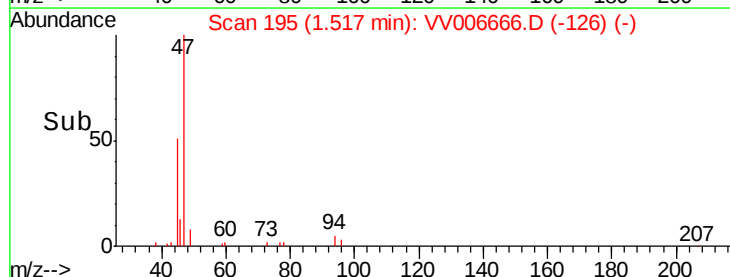
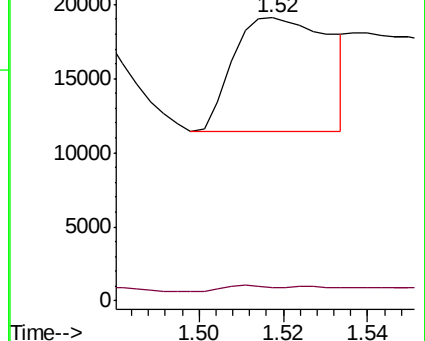
64 100

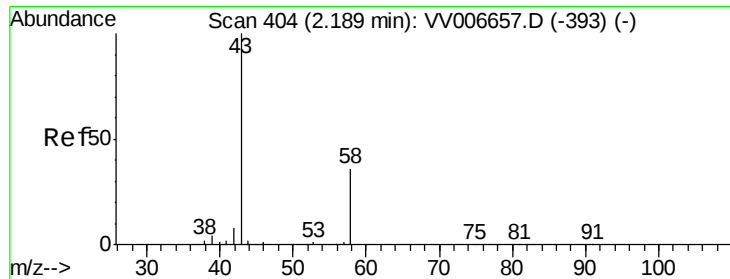
66 4.7 21.1 39.3#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 3.505 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006666.D

Acq: 20 Jul 2018 14:38

Instrument :

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ClientSampleId :

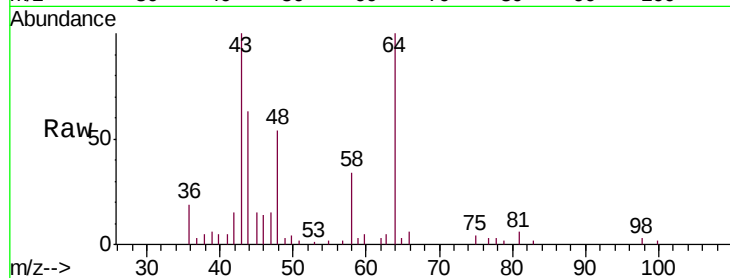
DB199DL

Tgt Ion: 43 Resp: 9807

Ion Ratio Lower Upper

43 100

58 36.0 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV006657.D (-393) (-)

Ion 58.05 (57.75 to 58.75): VV006657.D (-393) (-)

2.19

6000

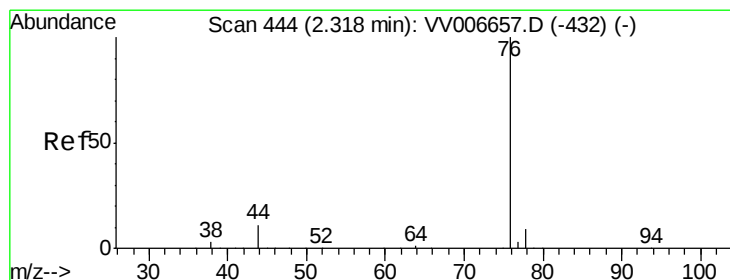
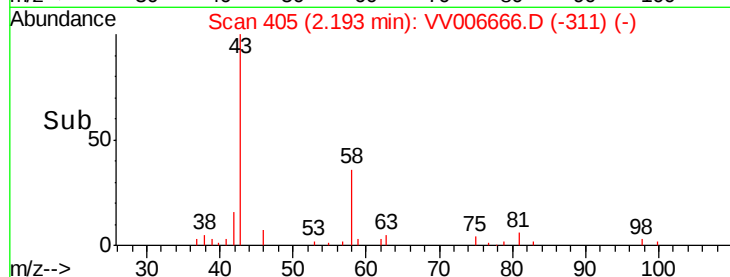
4000

2000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 3.915 ug/L

RT: 2.57 min Scan# 523

Delta R.T. 0.25 min

Lab File: VV006666.D

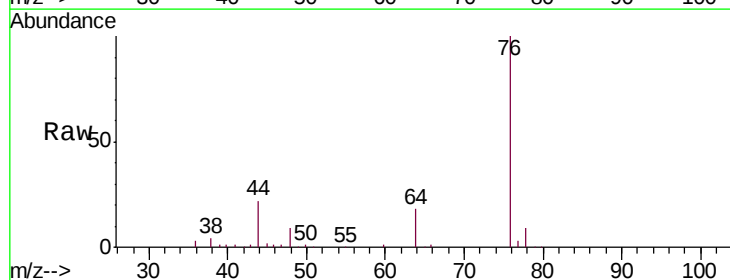
Acq: 20 Jul 2018 14:38

Tgt Ion: 76 Resp: 224962

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV006657.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV006657.D (-432) (-)

2.57

30000

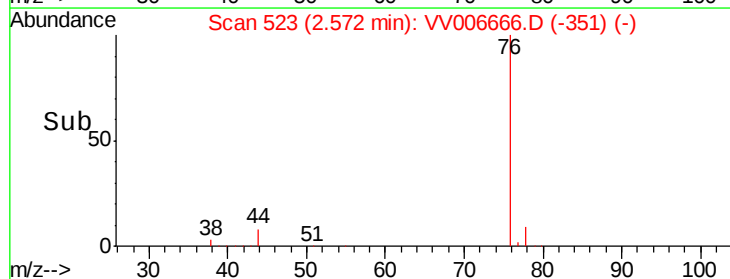
20000

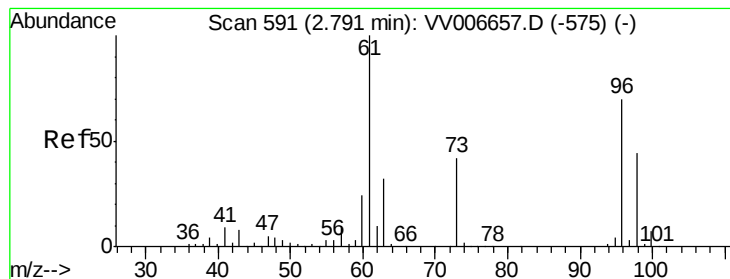
10000

0

Time-->

2.30 2.40 2.50 2.60





#18

trans-1,2-Dichloroethene

Concen: 0.327 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006666.D

Acq: 20 Jul 2018 14:38

Instrument :

MSVOA_V

ClientSampleId :

DB199DL

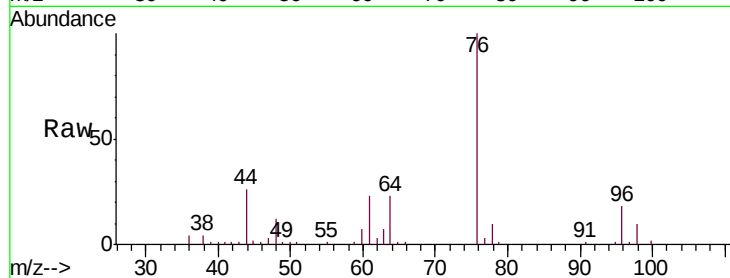
Tgt Ion: 96 Resp: 6383

Ion Ratio Lower Upper

96 100

61 131.2 96.0 178.4

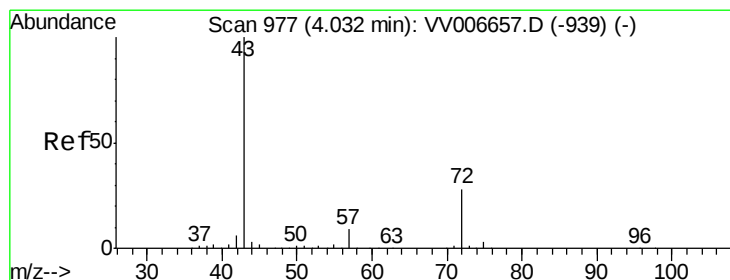
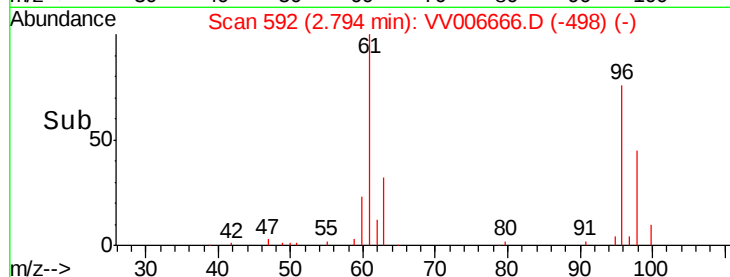
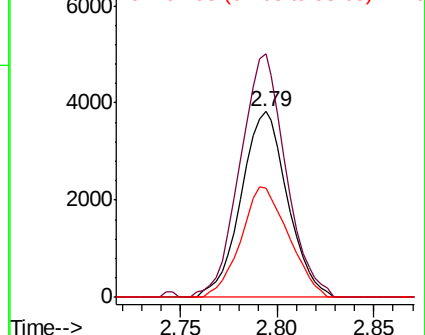
98 59.1 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VV006666.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006666.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006666.D (-498) (-)



#21

2-Butanone

Concen: 1.843 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.01 min

Lab File: VV006666.D

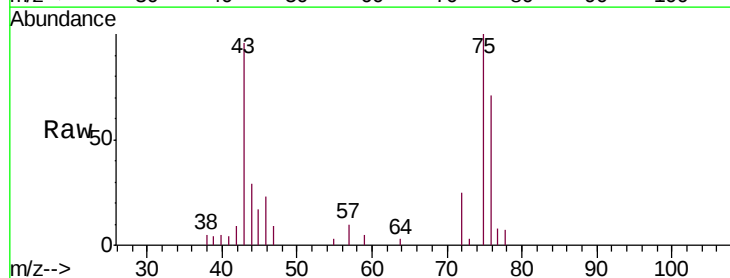
Acq: 20 Jul 2018 14:38

Tgt Ion: 43 Resp: 8635

Ion Ratio Lower Upper

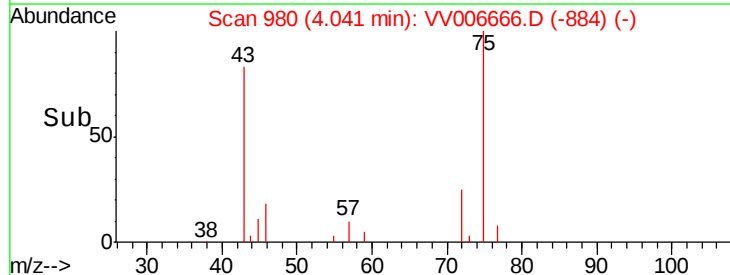
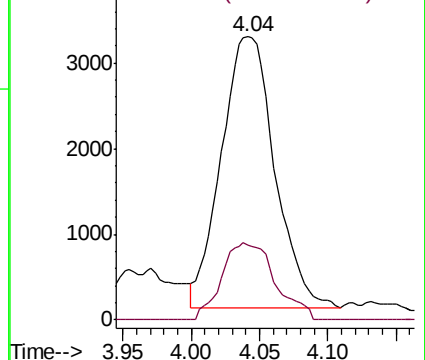
43 100

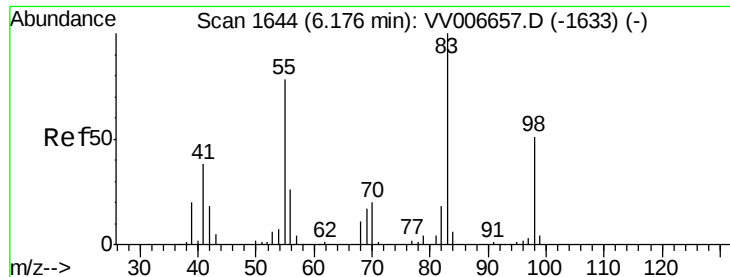
72 28.3 13.9 41.6



Abundance Ion 43.05 (42.75 to 43.75): VV006666.D (-884) (-)

Ion 72.10 (71.80 to 72.80): VV006666.D (-884) (-)

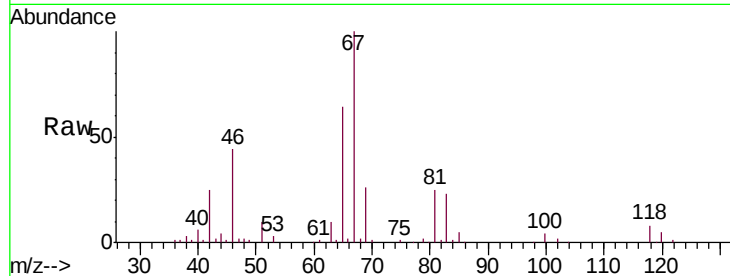




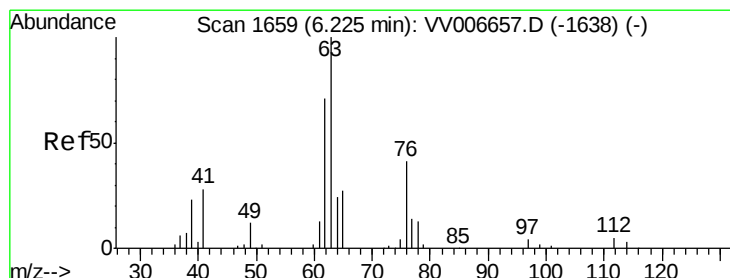
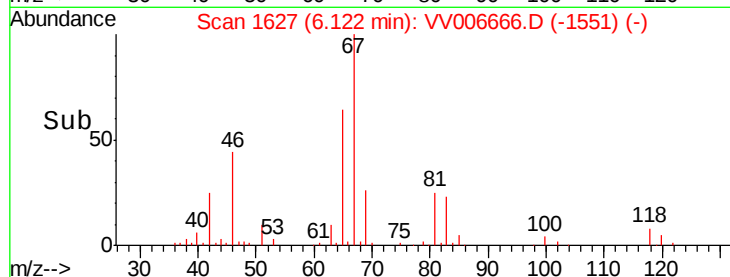
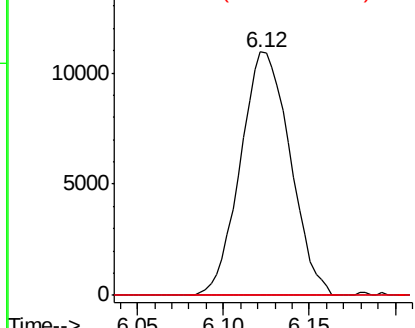
#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.05 min
Lab File: VV006666.D
Acq: 20 Jul 2018 14:38

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Tgt Ion: 83 Resp: 21933
Ion Ratio Lower Upper
83 100
55 0.2 61.3 91.9#
98 0.0 39.4 59.0#

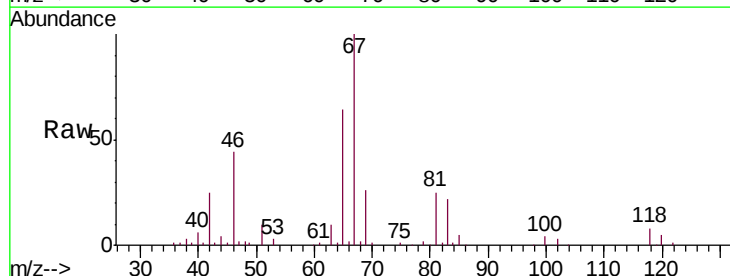


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#37
1,2-Dichloropropane
Concen: 0.482 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006666.D
Acq: 20 Jul 2018 14:38

Tgt Ion: 63 Resp: 9532
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

