

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071718\
 Data File : VV006622.D
 Acq On : 17 Jul 2018 17:43
 Operator : SY/MD
 Sample : J3983-11
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB185

Quant Time: Jul 18 03:06:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 15:32:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	250426	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232659	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104362	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105072	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	73366	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.13	63	133935	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.96	46	241577	72.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.12%#
24) Chloroform-d	4.41	84	164613	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.09	65	82768	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.10	84	354012	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	111910	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.37	98	308308	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.67	79	36864	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	213321	45.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84791	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	113939	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

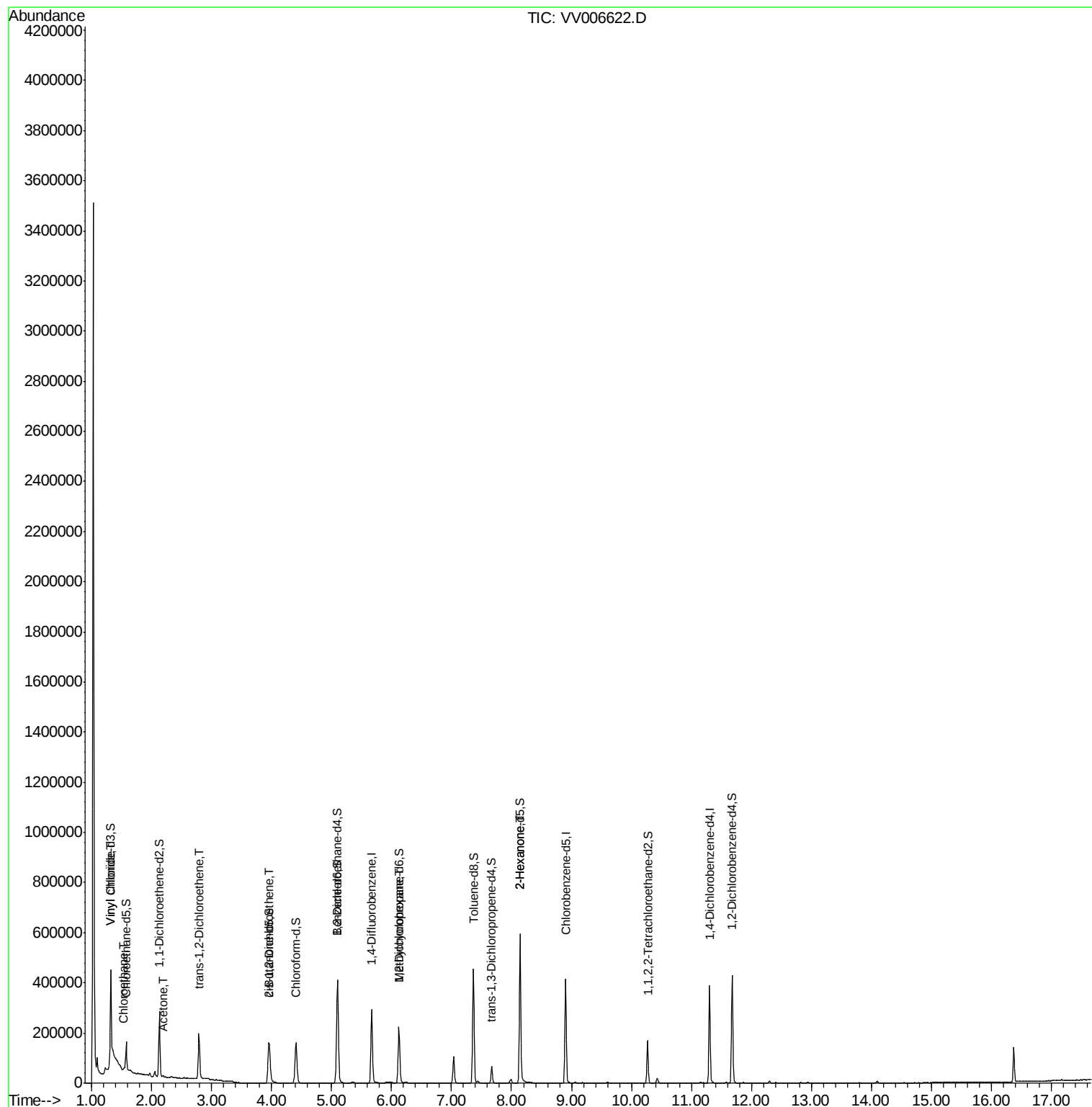
					Qvalue	
5) Vinyl chloride	1.32	62	187065	6.216	ug/L #	61
8) Chloroethane	1.54	64	6560	0.388	ug/L #	52
13) Acetone	2.20	43	3555	1.062	ug/L	91
18) trans-1,2-Dichloroethene	2.79	96	66144	3.000	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	6755	0.292	ug/L	91
35) Methylcyclohexane	6.12	83	25966	0.761	ug/L #	19
48) 2-Hexanone	8.14	43	23796	2.609	ug/L #	67

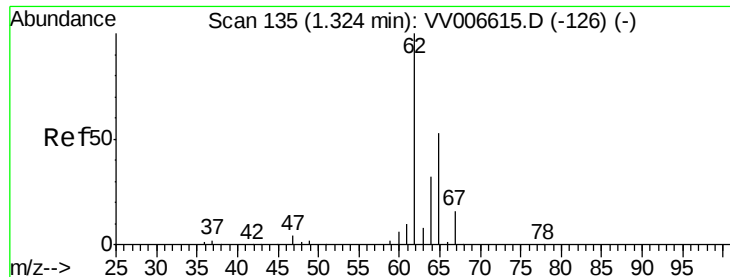
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.216 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006622.D

Acq: 17 Jul 2018 17:43

Instrument :

MSVOA_V

ClientSampleId :

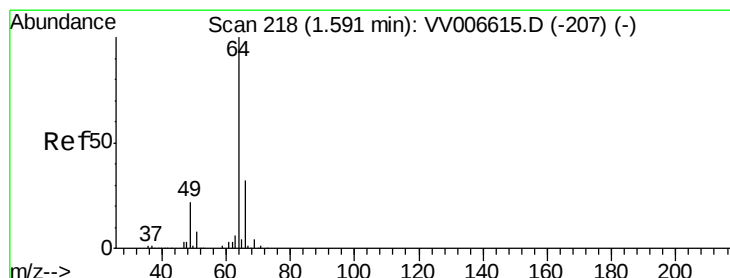
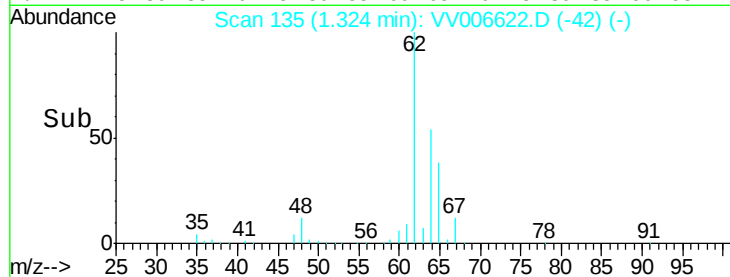
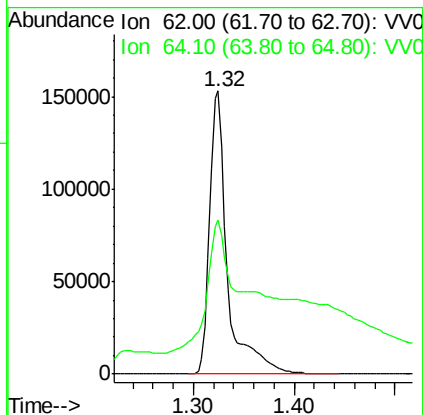
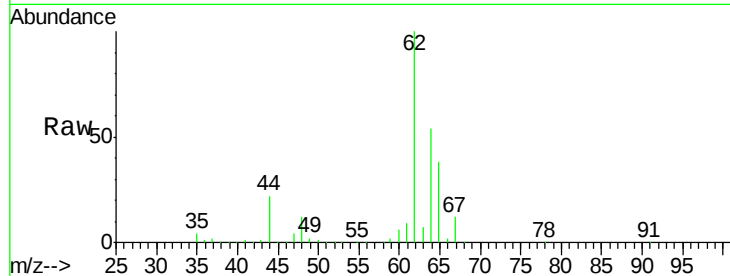
DB185

Tgt Ion: 62 Resp: 187065

Ion Ratio Lower Upper

62 100

64 54.3 22.6 42.0#



#8

Chloroethane

Concen: 0.388 ug/L

RT: 1.54 min Scan# 201

Delta R.T. -0.05 min

Lab File: VV006622.D

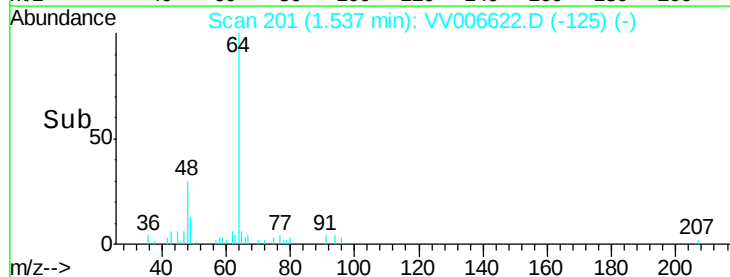
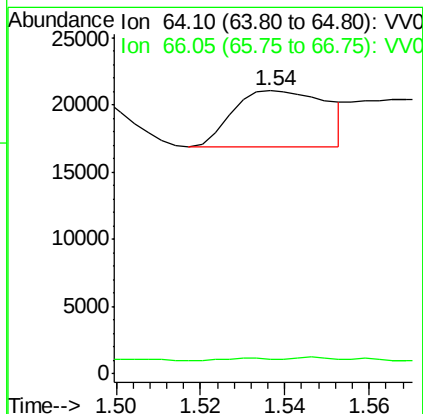
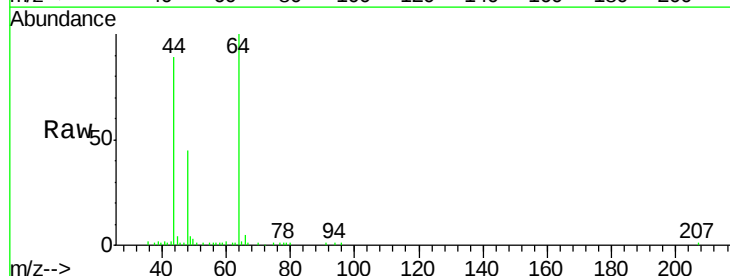
Acq: 17 Jul 2018 17:43

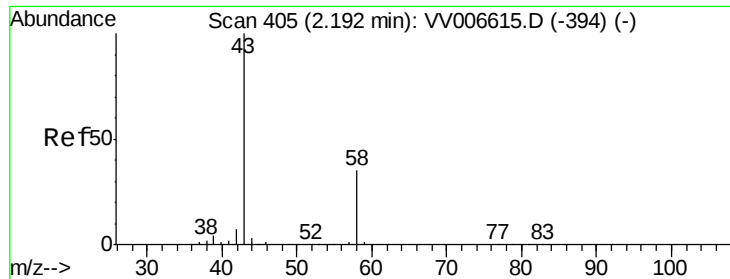
Tgt Ion: 64 Resp: 6560

Ion Ratio Lower Upper

64 100

66 5.2 22.5 41.9#





#13

Acetone

Concen: 1.062 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV006622.D

Acq: 17 Jul 2018 17:43

Instrument :

MSVOA_V

ClientSampleId :

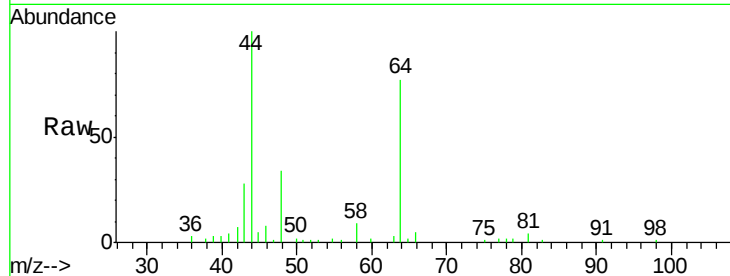
DB185

Tgt Ion: 43 Resp: 3555

Ion Ratio Lower Upper

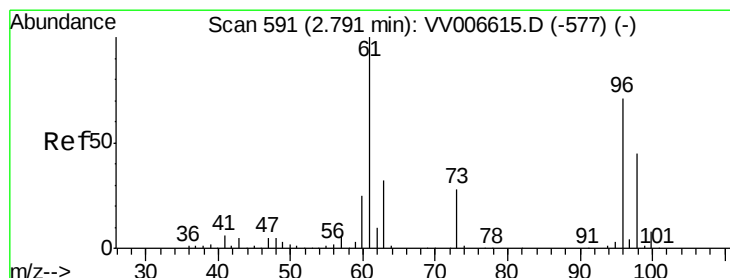
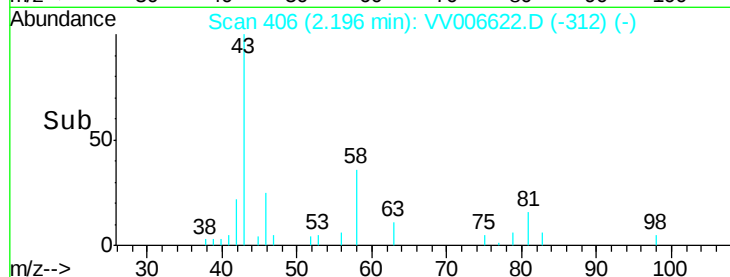
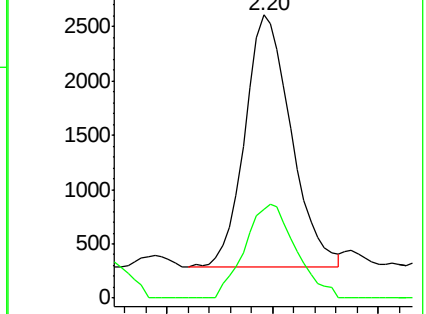
43 100

58 40.9 0.0 70.8



Abundance Ion 43.05 (42.75 to 43.75): VV006622.D (-312) (-)

Ion 58.05 (57.75 to 58.75): VV006622.D (-312) (-)



#18

trans-1,2-Dichloroethene

Concen: 3.000 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006622.D

Acq: 17 Jul 2018 17:43

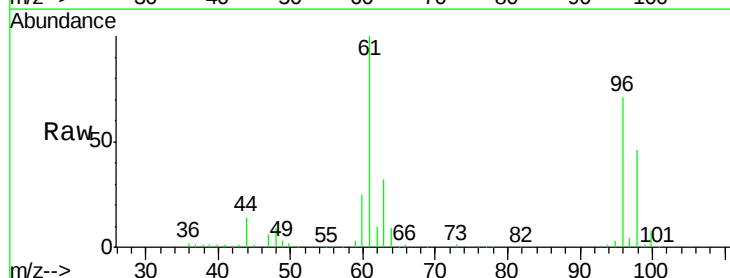
Tgt Ion: 96 Resp: 66144

Ion Ratio Lower Upper

96 100

61 141.5 98.1 182.1

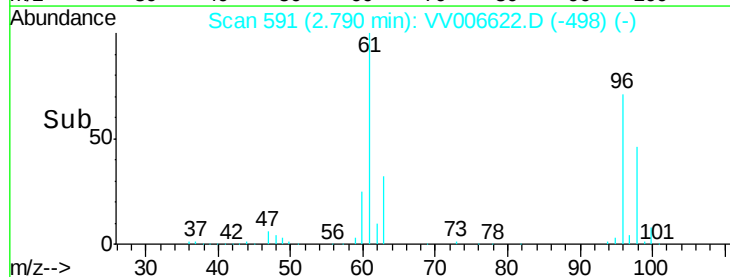
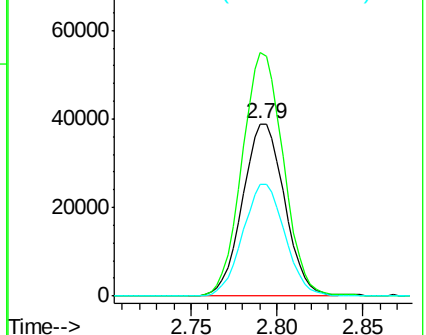
98 64.7 44.4 82.4

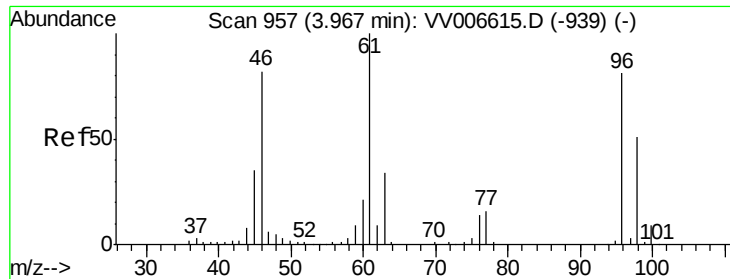


Abundance Ion 96.00 (95.70 to 96.70): VV006622.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006622.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006622.D (-498) (-)



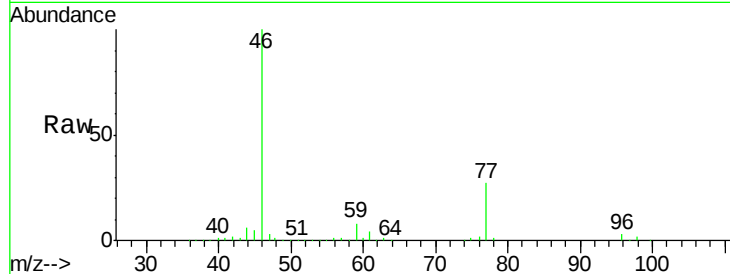


#22

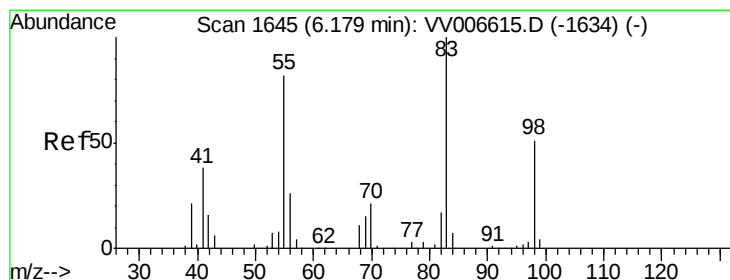
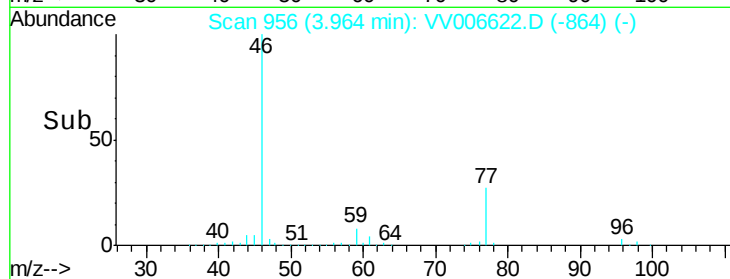
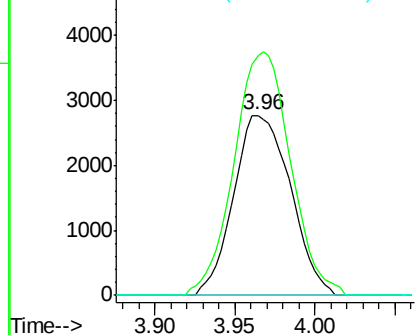
cis-1,2-Dichloroethene
Concen: 0.292 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV006622.D
Acq: 17 Jul 2018 17:43

Instrument :
MSVOA_V
ClientSampleId :
DB185

Tgt Ion: 96 Resp: 6755
Ion Ratio Lower Upper
96 100
61 133.4 86.2 160.2
68 0.0 0.0 0.0



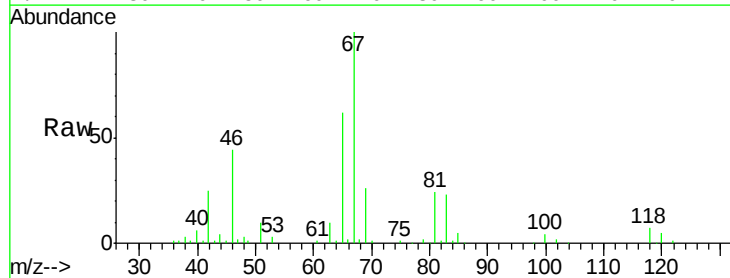
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



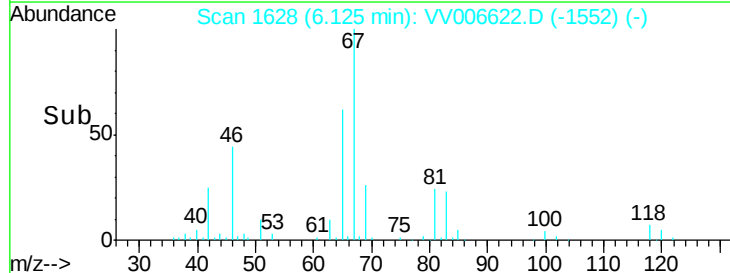
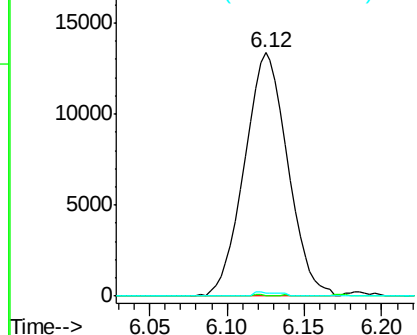
#35

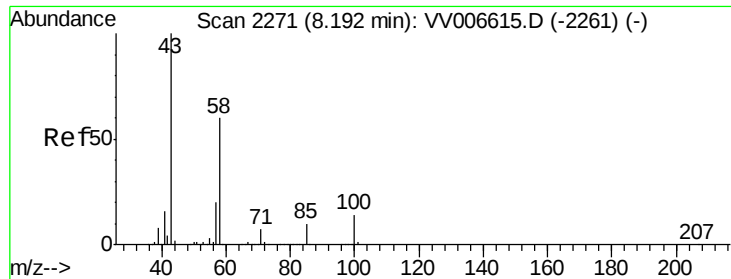
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006622.D
Acq: 17 Jul 2018 17:43

Tgt Ion: 83 Resp: 25966
Ion Ratio Lower Upper
83 100
55 0.2 60.7 91.1#
98 1.0 39.1 58.7#



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





#48
 2-Hexanone
 Concen: 2.609 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006622.D
 Acq: 17 Jul 2018 17:43

Instrument :
 MSVOA_V
 ClientSampleId :
 DB185

Tgt Ion: 43 Resp: 23796
 Ion Ratio Lower Upper
 43 100
 58 30.4 48.2 72.4#
 57 27.8 16.2 24.4#
 100 0.4 11.0 16.4#

