

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
 Data File : VV006650.D
 Acq On : 19 Jul 2018 18:40
 Operator : SY/MD
 Sample : J3983-12
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB187

Quant Time: Jul 20 05:11:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 05:09:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	249003	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227773	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95255	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.58	69	64955	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.13	63	122359	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.95	46	144471	38.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.14%
24) Chloroform-d	4.40	84	147088	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	69772	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	322230	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.12	67	97693	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	282292	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.67	79	28183	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.14	63	145773	44.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	67379	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	97898	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

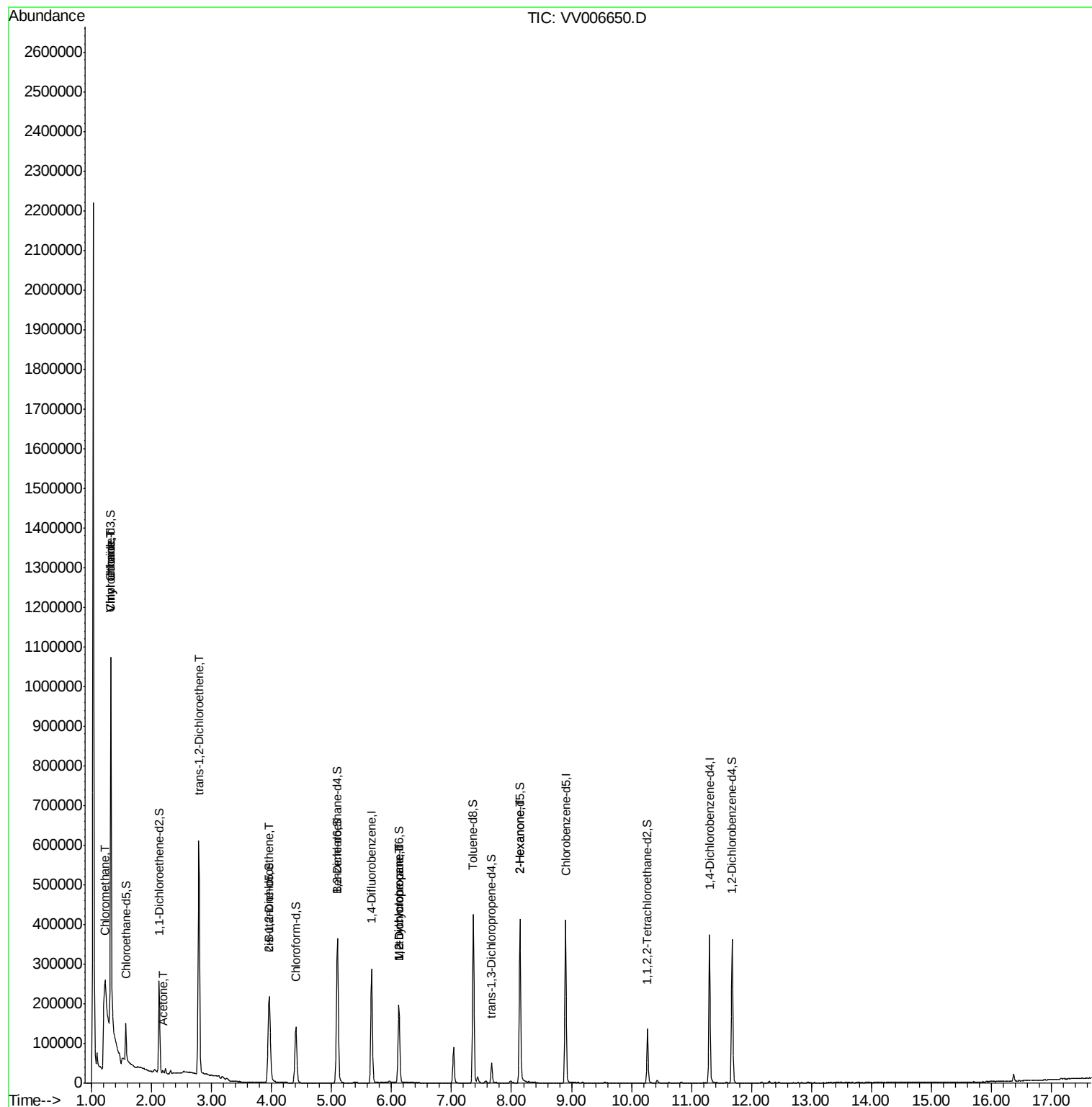
					Qvalue
3) Chloromethane	1.23	50	14601	0.729 ug/L #	42
5) Vinyl chloride	1.32	62	602194	23.286 ug/L	82
8) Chloroethane	1.32	64	532289	35.829 ug/L #	48
13) Acetone	2.19	43	3441	1.182 ug/L	93
18) trans-1,2-Dichloroethene	2.79	96	218279	10.743 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	73071	3.435 ug/L	100
35) Methylcyclohexane	6.12	83	23165	0.685 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9708	0.475 ug/L #	86
48) 2-Hexanone	8.14	43	15761	2.041 ug/L #	70

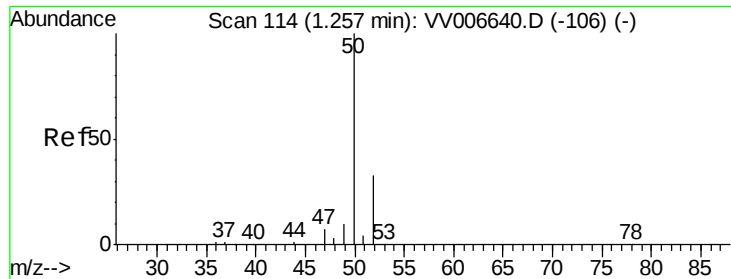
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.729 ug/L

RT: 1.23 min Scan# 106

Delta R.T. -0.03 min

Lab File: VV006650.D

Acq: 19 Jul 2018 18:40

Instrument :

MSVOA_V

ClientSampleId :

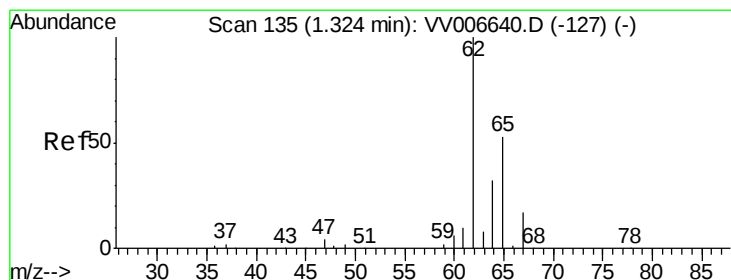
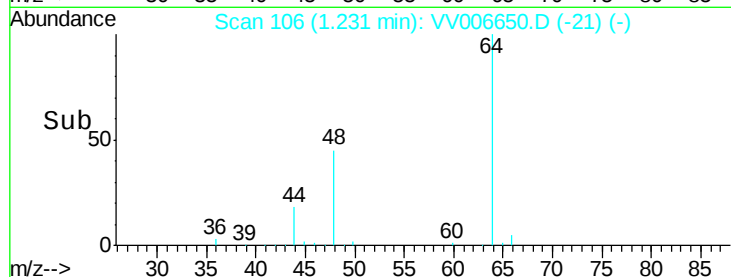
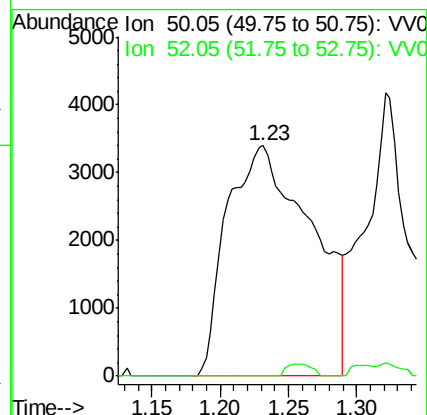
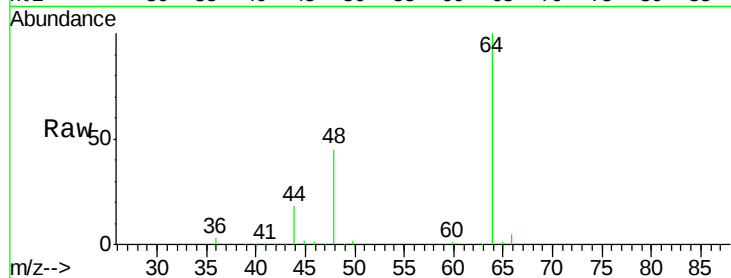
DB187

Tgt Ion: 50 Resp: 14601

Ion Ratio Lower Upper

50 100

52 0.0 23.2 43.0#



#5

Vinyl chloride

Concen: 23.286 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006650.D

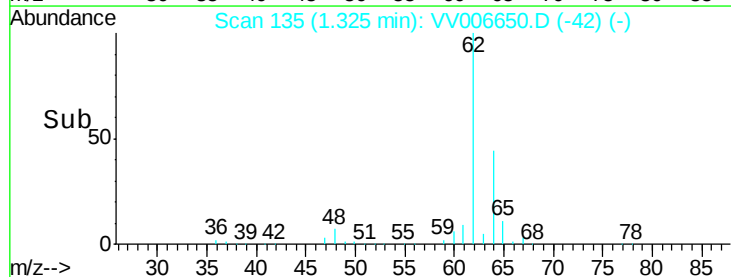
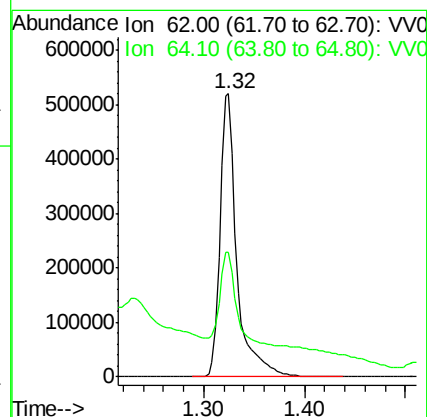
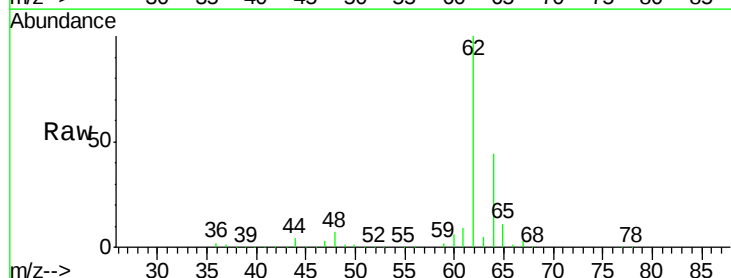
Acq: 19 Jul 2018 18:40

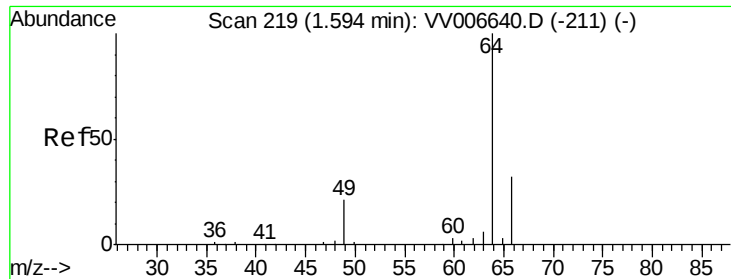
Tgt Ion: 62 Resp: 602194

Ion Ratio Lower Upper

62 100

64 44.0 23.7 44.1

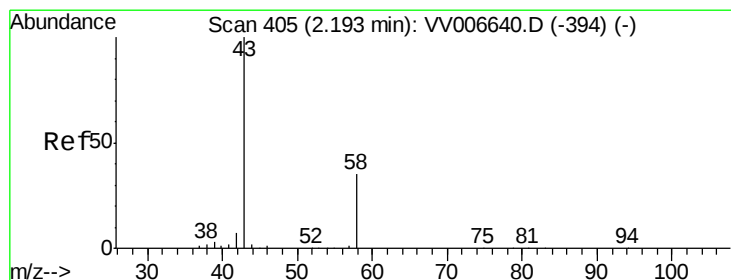
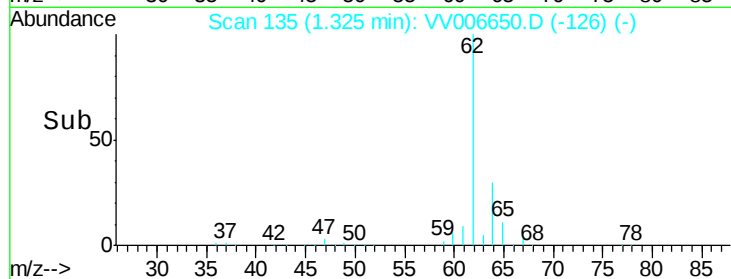
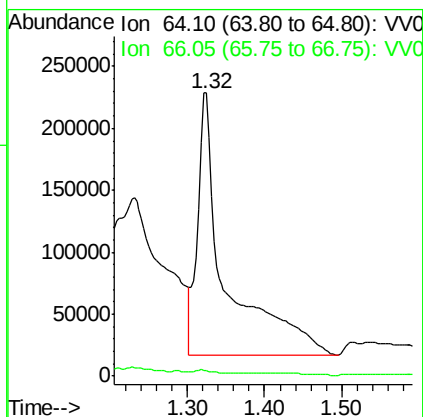
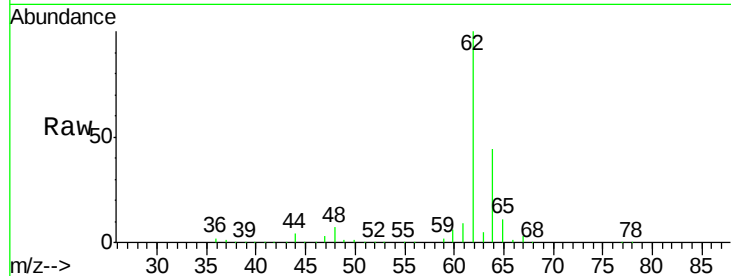




#8
Chloroethane
Concen: 35.829 ug/L
RT: 1.32 min Scan# 135
Delta R.T. -0.27 min
Lab File: VV006650.D
Acq: 19 Jul 2018 18:40

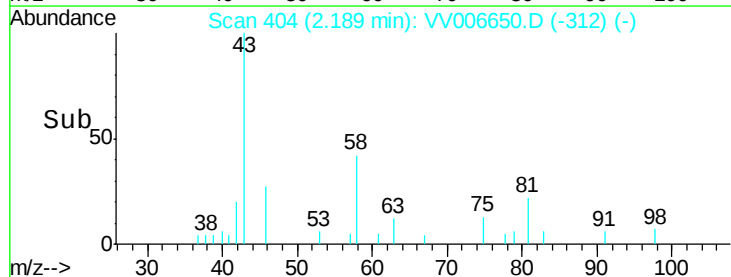
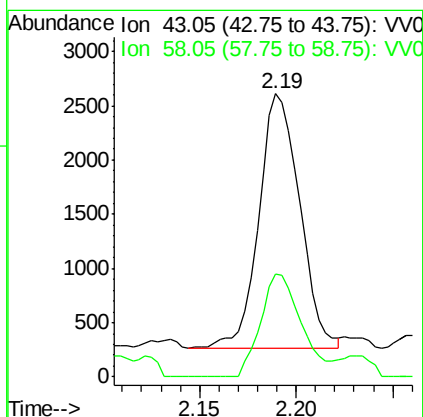
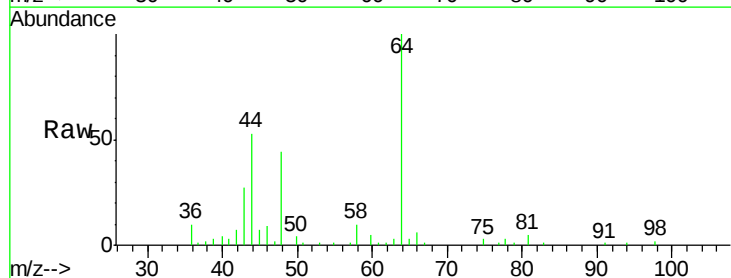
Instrument :
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DB187

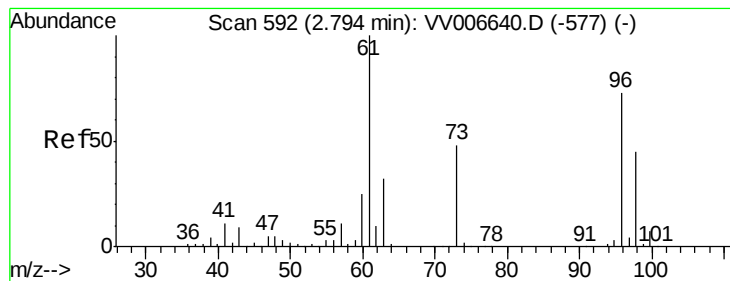
Tgt Ion: 64 Resp: 532289
Ion Ratio Lower Upper
64 100
66 1.9 21.1 39.3#



#13
Acetone
Concen: 1.182 ug/L
RT: 2.19 min Scan# 404
Delta R.T. -0.00 min
Lab File: VV006650.D
Acq: 19 Jul 2018 18:40

Tgt Ion: 43 Resp: 3441
Ion Ratio Lower Upper
43 100
58 40.4 0.0 72.8





#18

trans-1,2-Dichloroethene

Concen: 10.743 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006650.D

Acq: 19 Jul 2018 18:40

Instrument :

MSVOA_V

ClientSampleID :

DB187

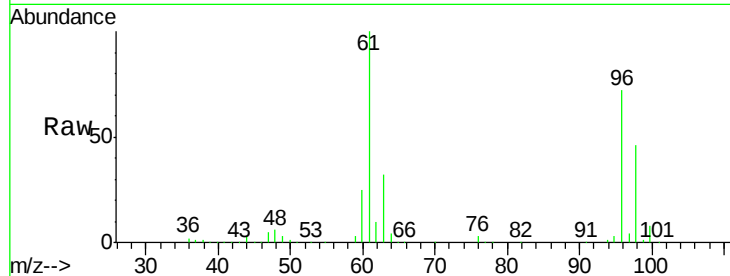
Tgt Ion: 96 Resp: 218279

Ion Ratio Lower Upper

96 100

61 138.2 96.0 178.4

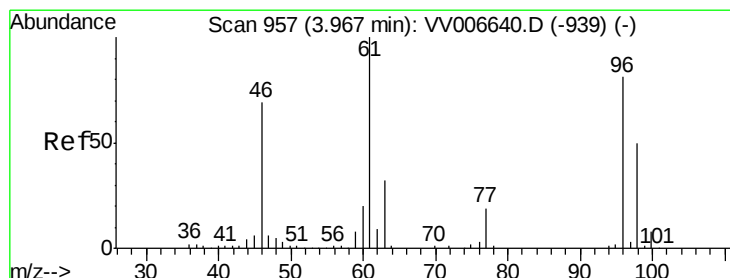
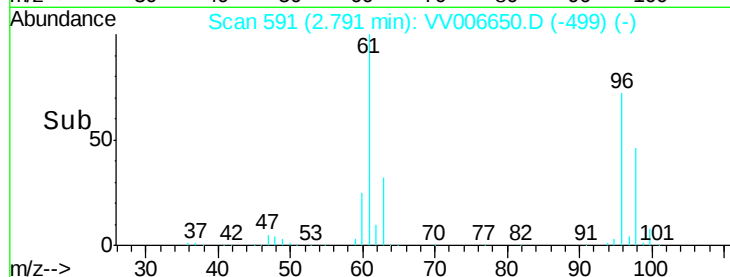
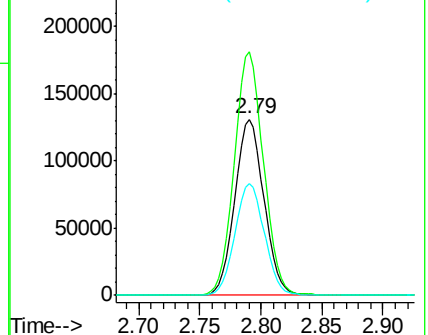
98 63.8 43.5 80.9



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: 3.435 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006650.D

Acq: 19 Jul 2018 18:40

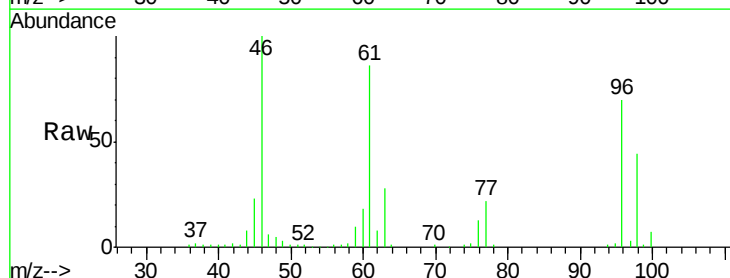
Tgt Ion: 96 Resp: 73071

Ion Ratio Lower Upper

96 100

61 123.2 86.2 160.0

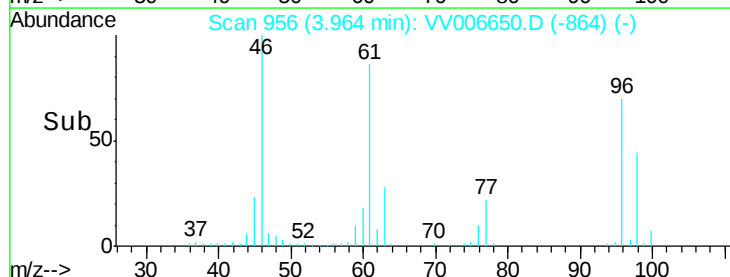
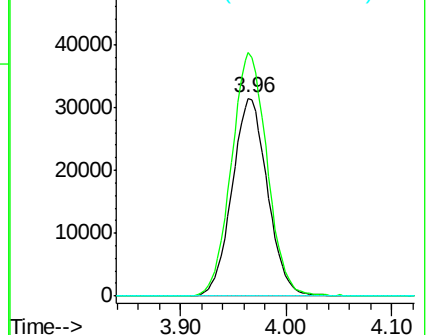
68 0.0 0.0 0.0

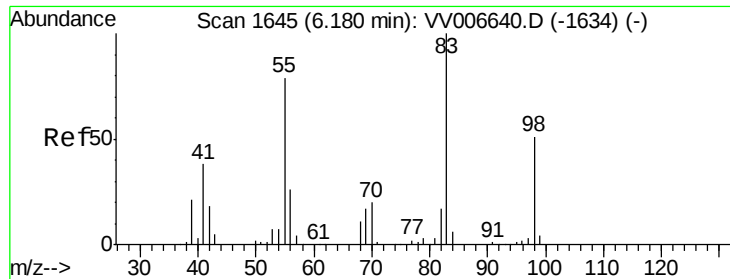


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

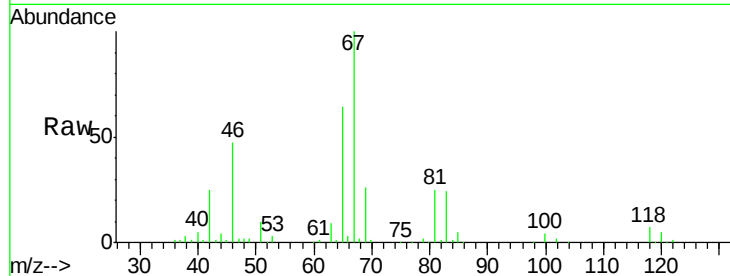




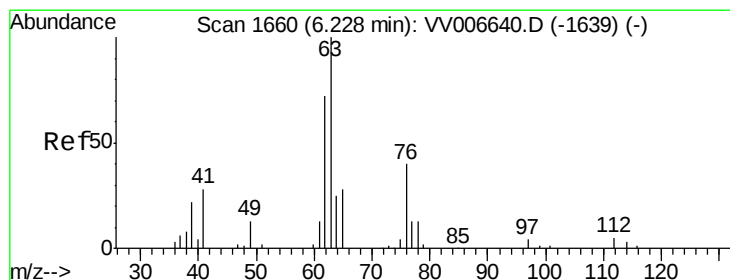
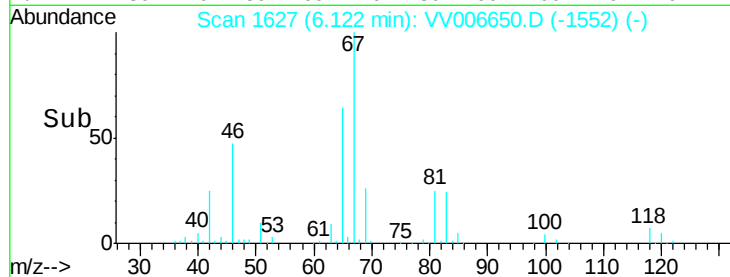
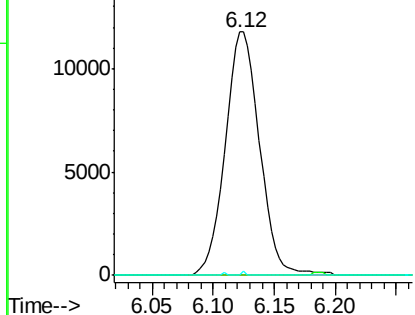
#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV006650.D
Acq: 19 Jul 2018 18:40

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Tgt Ion: 83 Resp: 23165
Ion Ratio Lower Upper
83 100
55 0.4 61.3 91.9#
98 0.2 39.4 59.0#

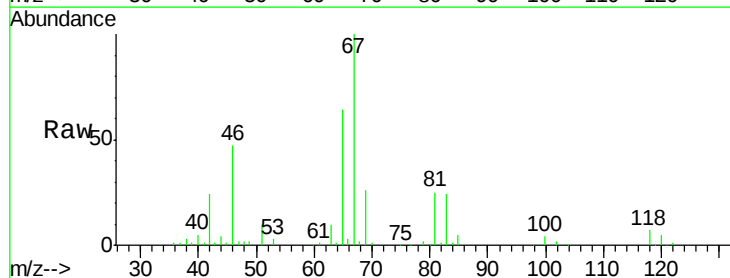


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

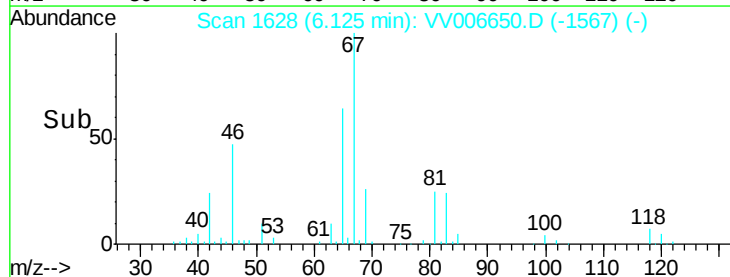
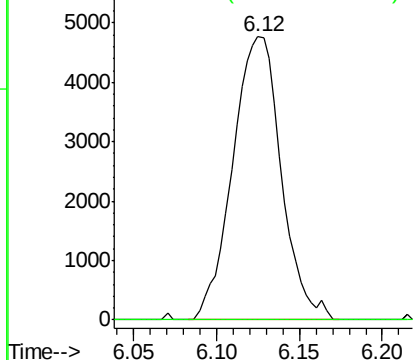


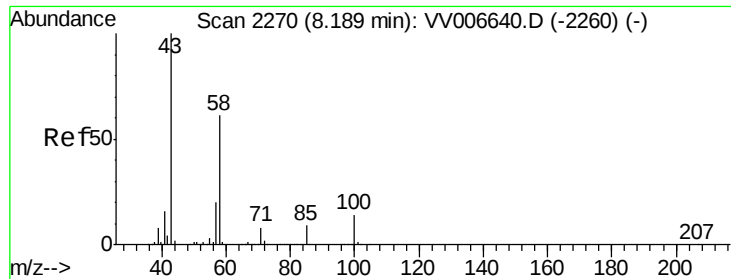
#37
1,2-Dichloropropane
Concen: 0.475 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006650.D
Acq: 19 Jul 2018 18:40

Tgt Ion: 63 Resp: 9708
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





#48

2-Hexanone

Concen: 2.041 ug/L

RT: 8.14 min Scan# 2255

Delta R.T. -0.05 min

Lab File: VV006650.D

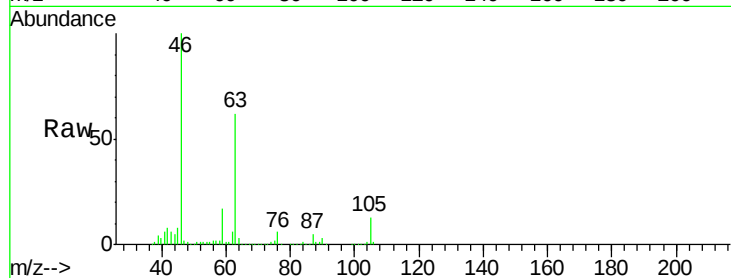
Acq: 19 Jul 2018 18:40

Instrument :

MSVOA_V

ClientSampleId :

DB187



Tgt Ion: 43 Resp: 15761

Ion Ratio Lower Upper

43 100

58 33.8 48.2 72.2#

57 29.3 16.2 24.4#

100 2.8 11.0 16.4#

Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

