

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006790.D
 Acq On : 31 Jul 2018 17:12
 Operator : SY/MD
 Sample : J4225-21
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 01 01:46:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 01 01:43:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202375	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44264	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	43737	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	63797	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.95	46	166185	50.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.00%
24) Chloroform-d	4.40	84	105380	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.09	65	54087	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.10	84	206260	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.12	67	71210	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.36	98	165589	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.67	79	21299	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.14	63	133249	49.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	55854	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	64695	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

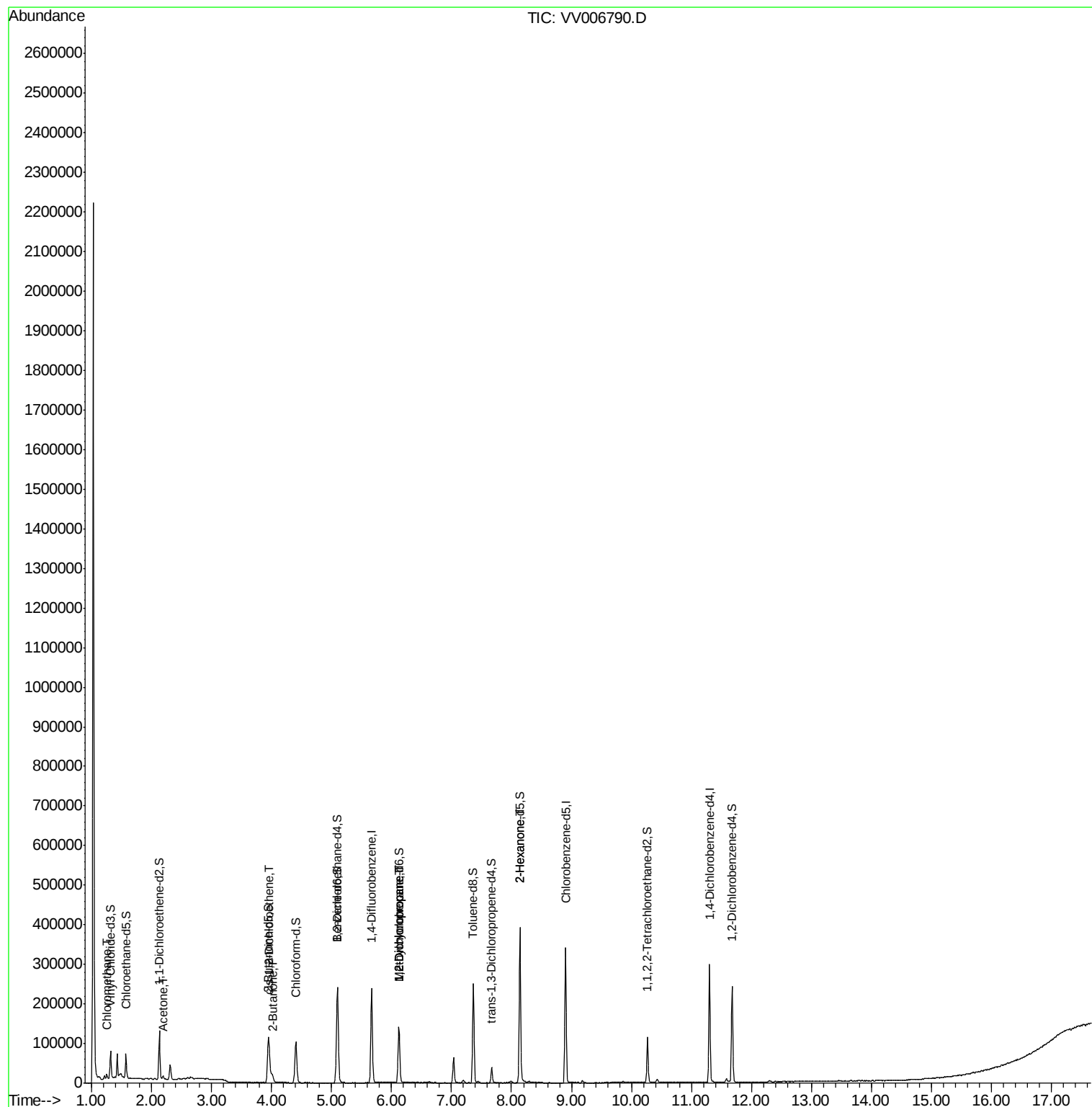
					Ovalue
3) Chloromethane	1.25	50	9372	0.606 ug/L	97
13) Acetone	2.19	43	5414	2.586 ug/L	93
21) 2-Butanone	4.03	43	1291	0.368 ug/L #	47
22) cis-1,2-Dichloroethene	3.96	96	6973	0.464 ug/L	91
35) Methylcyclohexane	6.12	83	16842	0.707 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7143	0.493 ug/L #	86
48) 2-Hexanone	8.14	43	14851	2.672 ug/L #	66

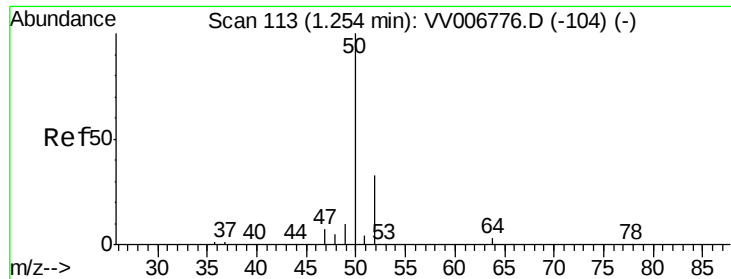
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.606 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV006790.D

Acq: 31 Jul 2018 17:12

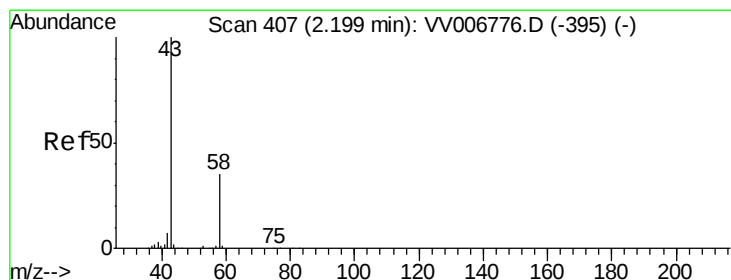
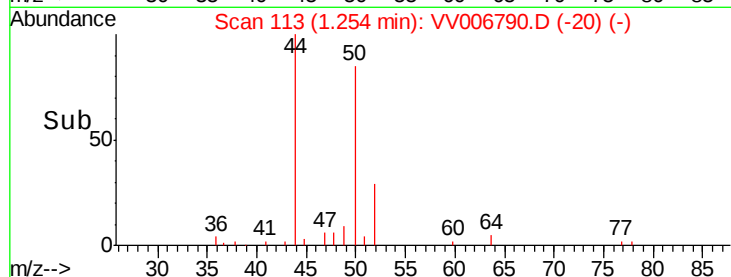
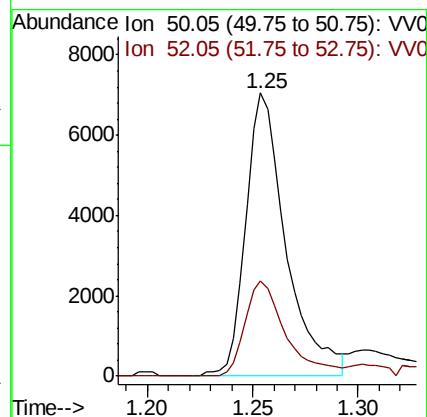
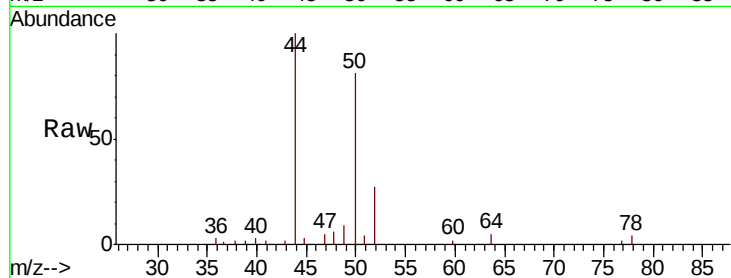
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 9372

Ion Ratio Lower Upper

50 100

52 33.5 22.1 41.1



#13

Acetone

Concen: 2.586 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006790.D

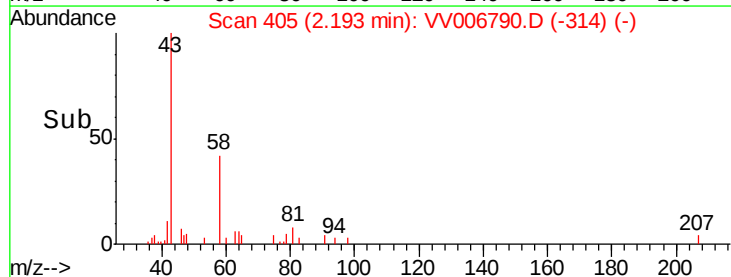
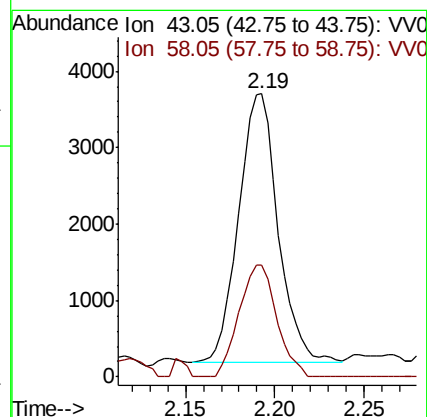
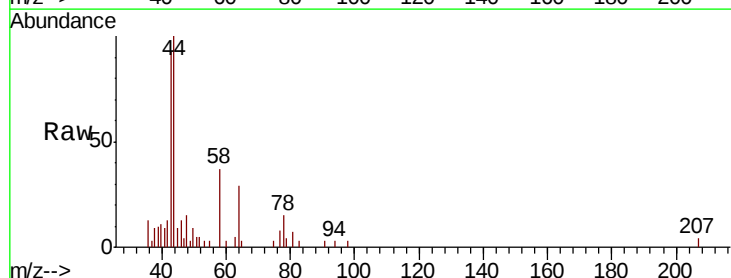
Acq: 31 Jul 2018 17:12

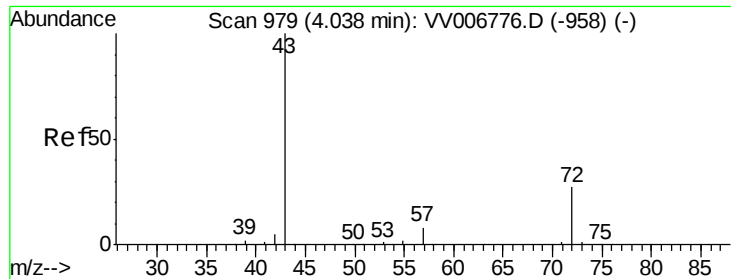
Tgt Ion: 43 Resp: 5414

Ion Ratio Lower Upper

43 100

58 39.8 0.0 71.4





#21

2-Butanone

Concen: 0.368 ug/L

RT: 4.03 min Scan# 976

Delta R.T. -0.01 min

Lab File: VV006790.D

Acq: 31 Jul 2018 17:12

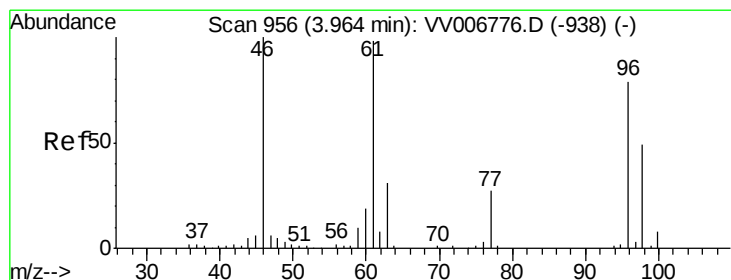
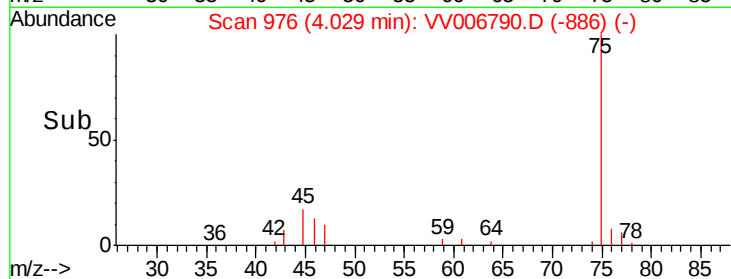
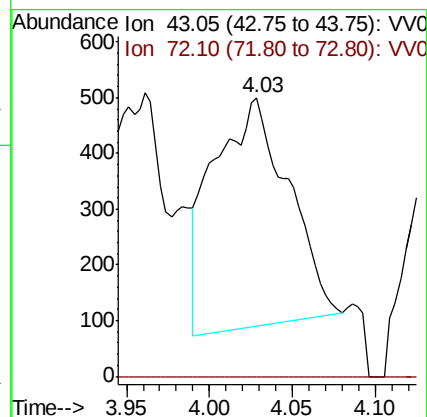
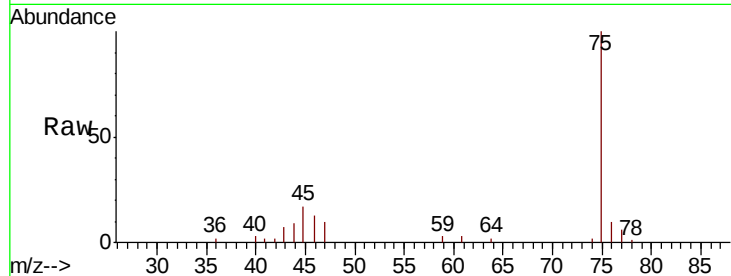
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1291

Ion Ratio Lower Upper

43 100

72 0.0 13.8 41.4#



#22

cis-1,2-Dichloroethene

Concen: 0.464 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006790.D

Acq: 31 Jul 2018 17:12

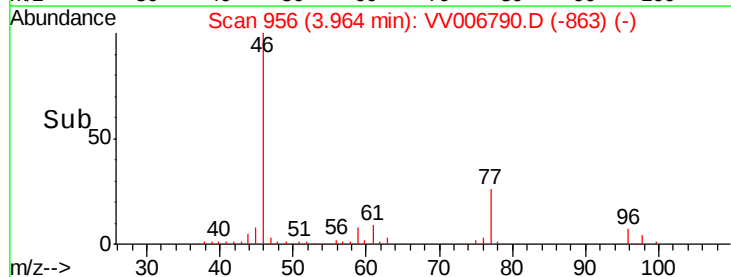
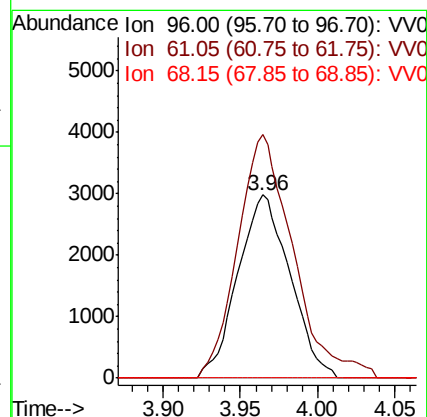
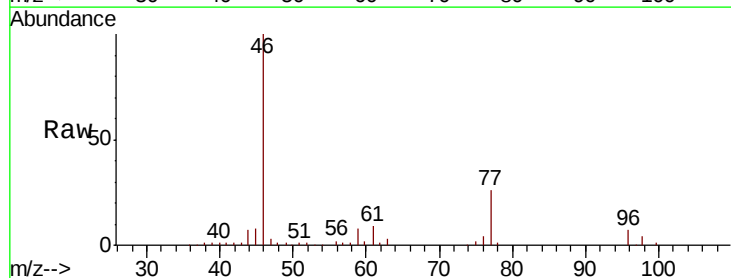
Tgt Ion: 96 Resp: 6973

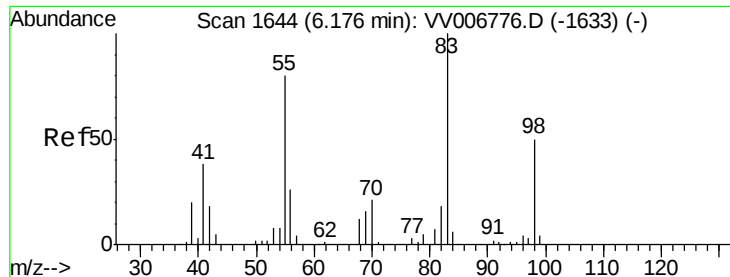
Ion Ratio Lower Upper

96 100

61 132.8 85.5 158.9

68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.707 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006790.D

Acq: 31 Jul 2018 17:12

Instrument :
MSVOA_V
ClientSampleId :

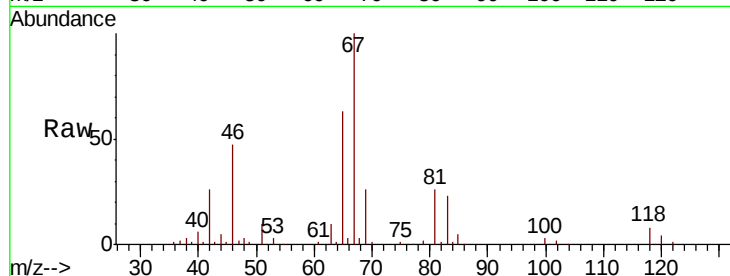
Tot Ion: 83 Resp: 16842

Ion Ratio Lower Upper

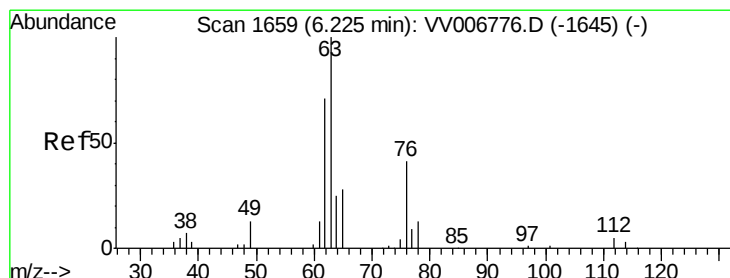
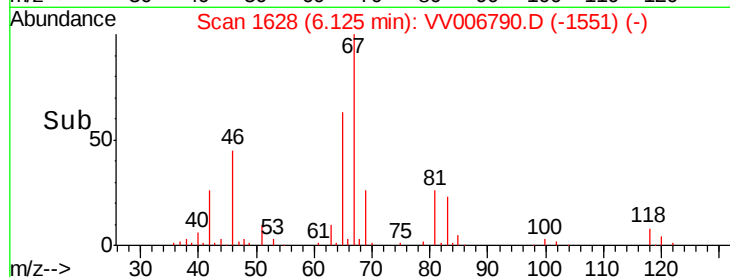
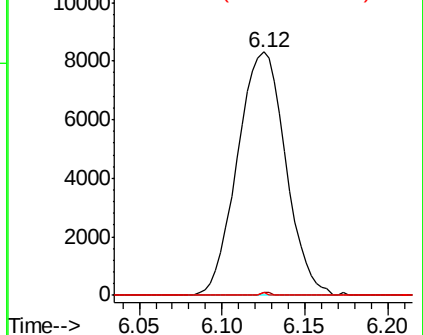
83 100

55 0.3 61.9 92.9#

98 0.1 39.7 59.5#



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: 0.493 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006790.D

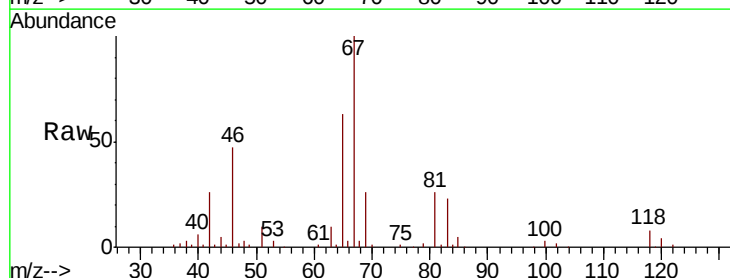
Acq: 31 Jul 2018 17:12

Tgt Ion: 63 Resp: 7143

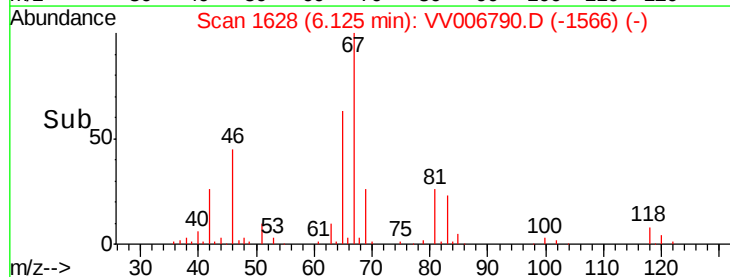
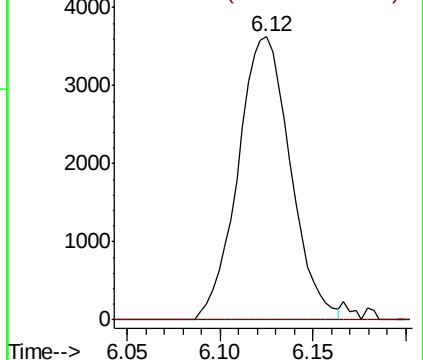
Ion Ratio Lower Upper

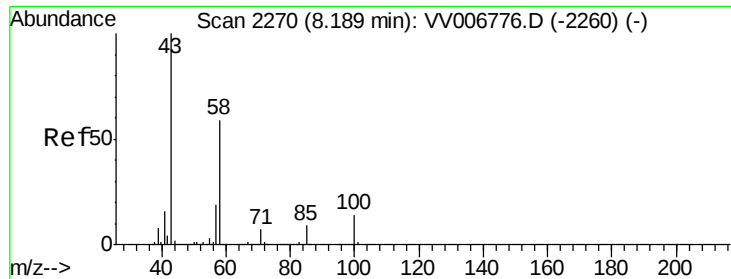
63 100

112 0.0 3.8 5.6#



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





#48
 2-Hexanone
 Concen: 2.672 ug/L
 RT: 8.14 min Scan# 2254
 Delta R.T. -0.05 min
 Lab File: VV006790.D
 Acq: 31 Jul 2018 17:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 14851
 Ion Ratio Lower Upper
 43 100
 58 31.9 47.2 70.8#
 57 32.8 16.1 24.1#
 100 0.9 11.1 16.7#

