

Data File : VV011391.D
Acq On : 11 Jun 2019 13:33
Operator : SY/MD
Sample : K3291-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB8G1

Quant Time: Jun 12 02:53:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	145891	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53052	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35809	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.55	69	33900	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.12	63	59548	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	3.94	46	125134	50.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	4.39	84	82221	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.08	65	47343	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.09	84	159661	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.12	67	51546	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.36	98	136287	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	7.66	79	13630	2.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.60%
46) 2-Hexanone-d5	8.13	63	93658	46.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36660	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	46086	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

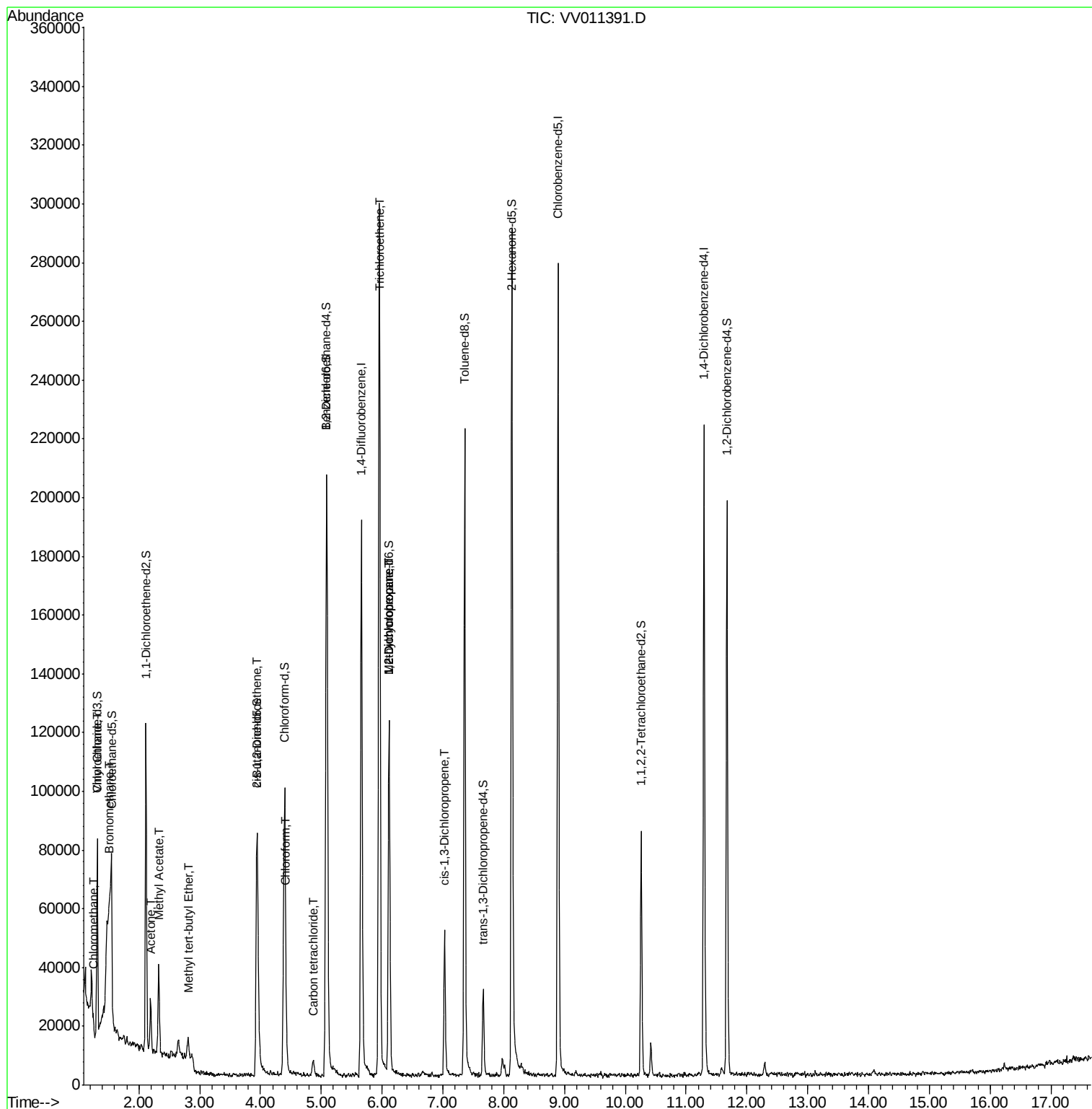
					Qvalue
3) Chloromethane	1.25	50	2546	0.183 ug/L	95
6) Bromomethane	1.51	94	1105	0.158 ug/L	96
8) Chloroethane	1.32	64	5631	0.656 ug/L	98
13) Acetone	2.19	43	8438	5.057 ug/L	98
15) Methyl Acetate	2.33	43	7850	1.771 ug/L #	55
17) Methyl tert-butyl Ether	2.81	73	5970	0.243 ug/L #	88
22) cis-1,2-Dichloroethene	3.95	96	952	0.084 ug/L	81
25) Chloroform	4.42	83	3133	0.149 ug/L	96
31) Carbon tetrachloride	4.87	117	3673	0.255 ug/L	95
34) Trichloroethene	5.96	95	98075	8.842 ug/L	99
35) Methylcyclohexane	6.12	83	12869	0.702 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6785	0.635 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1480	0.095 ug/L #	71

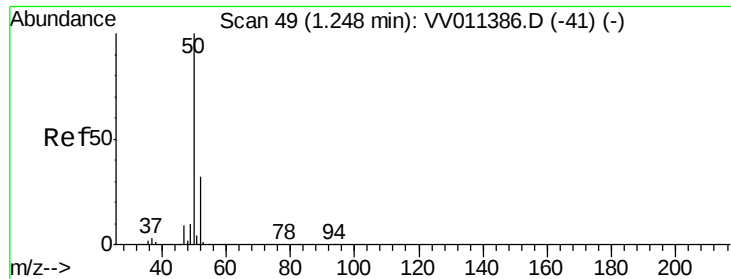
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.183 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011391.D

Acq: 11 Jun 2019 13:33

Instrument :

MSVOA_V

ClientSampleId :

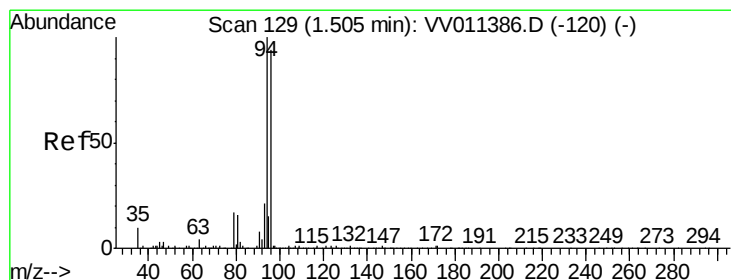
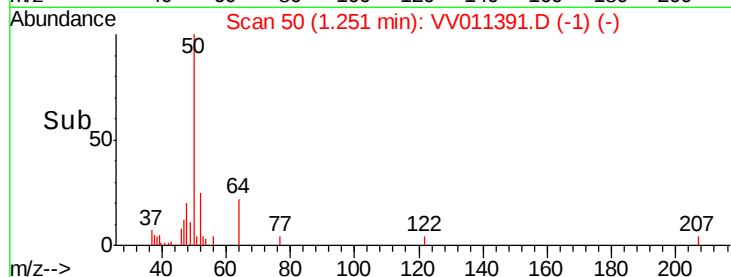
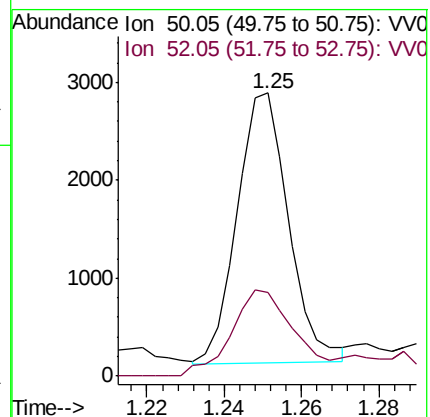
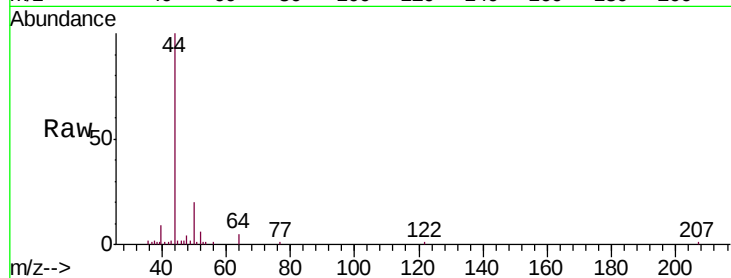
DB8G1

Tgt Ion: 50 Resp: 2546

Ion Ratio Lower Upper

50 100

52 29.3 22.3 41.5



#6

Bromomethane

Concen: 0.158 ug/L

RT: 1.51 min Scan# 130

Delta R.T. 0.00 min

Lab File: VV011391.D

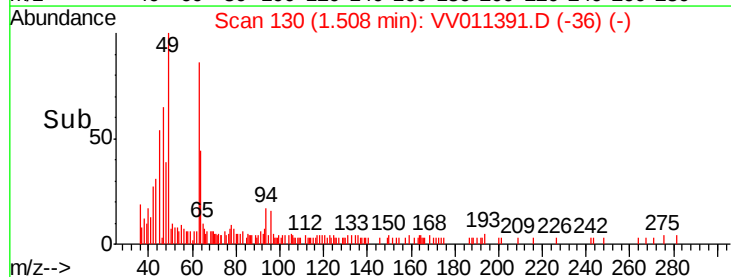
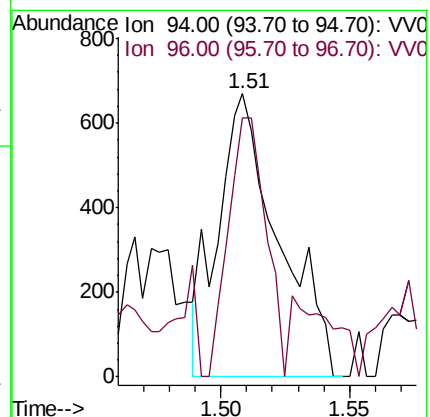
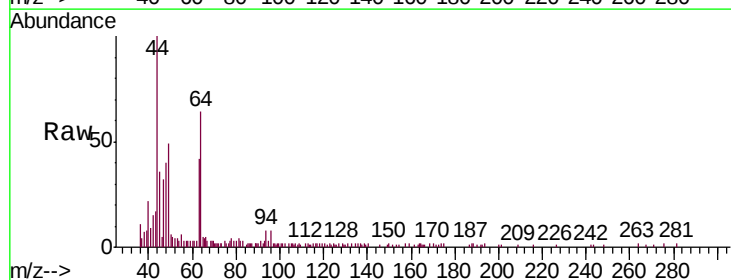
Acq: 11 Jun 2019 13:33

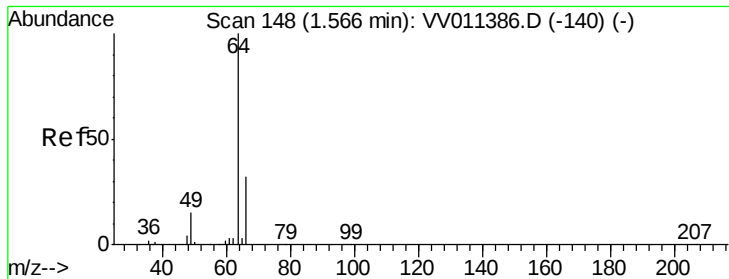
Tgt Ion: 94 Resp: 1105

Ion Ratio Lower Upper

94 100

96 91.6 67.0 124.4





#8

Chloroethane

Concen: 0.656 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.24 min

Lab File: VV011391.D

Acq: 11 Jun 2019 13:33

Instrument :

MSVOA_V

ClientSampleId :

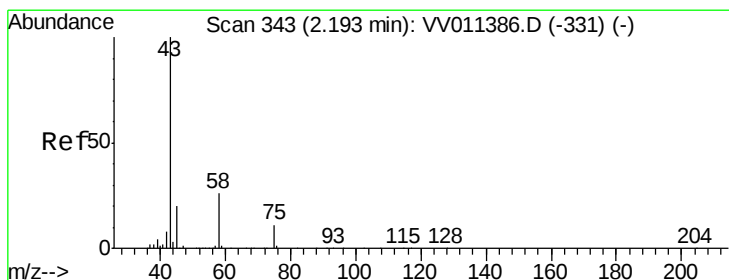
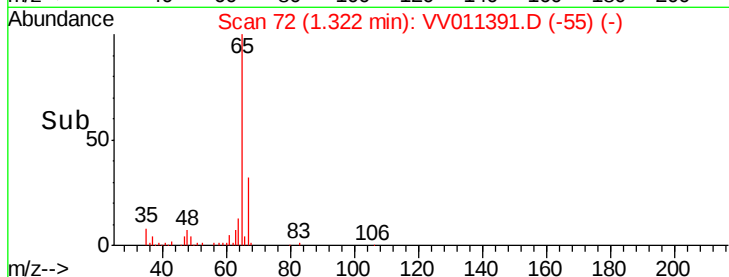
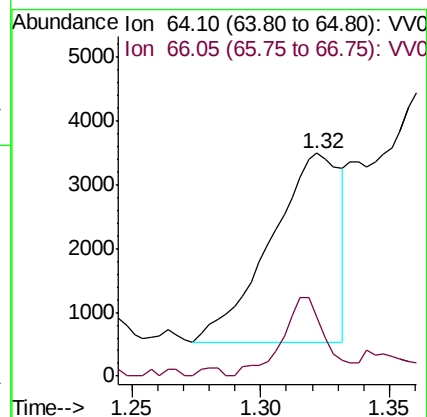
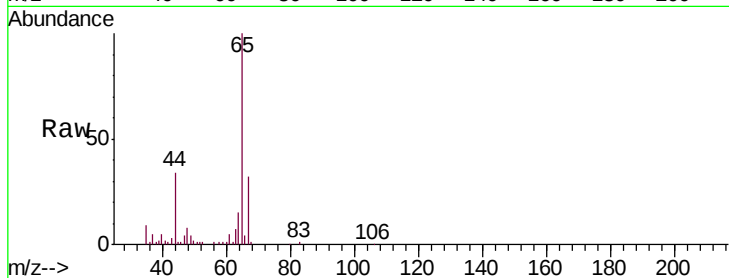
DB8G1

Tgt Ion: 64 Resp: 5631

Ion Ratio Lower Upper

64 100

66 26.9 19.4 36.0



#13

Acetone

Concen: 5.057 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV011391.D

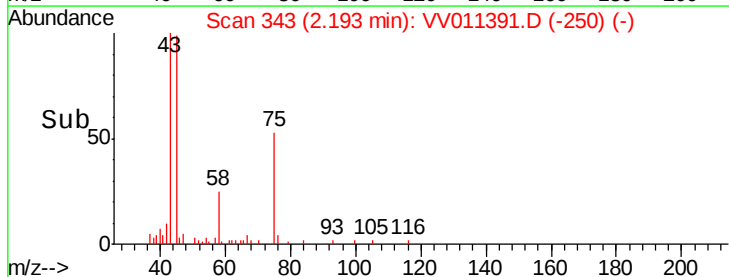
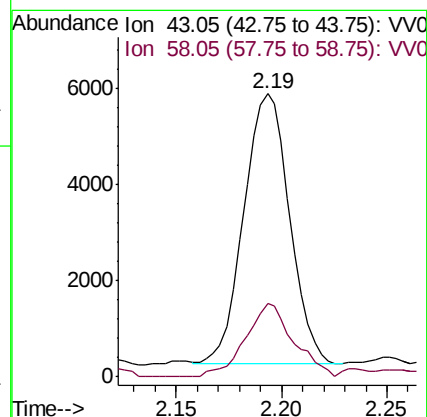
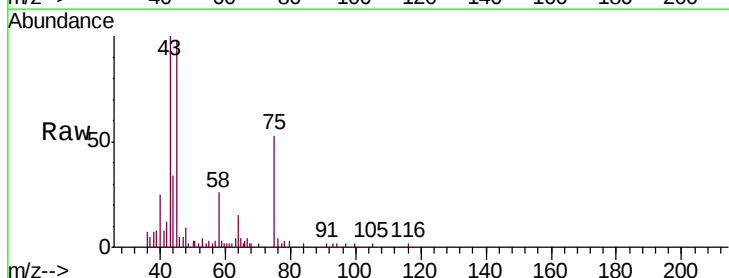
Acq: 11 Jun 2019 13:33

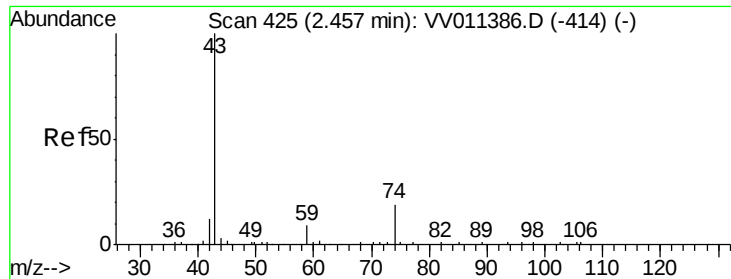
Tgt Ion: 43 Resp: 8438

Ion Ratio Lower Upper

43 100

58 28.5 0.0 55.2

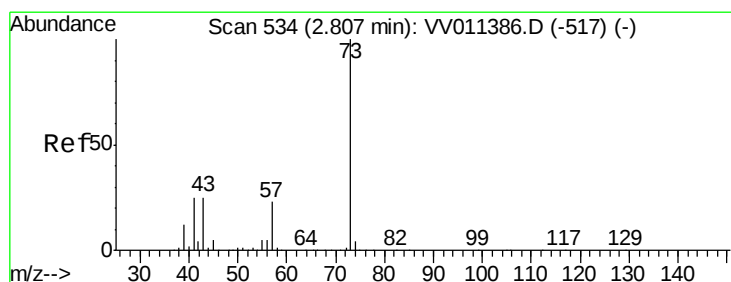
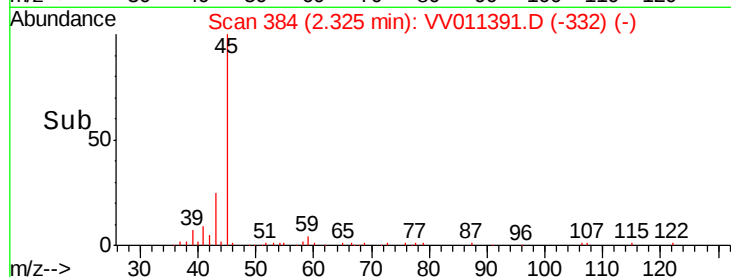
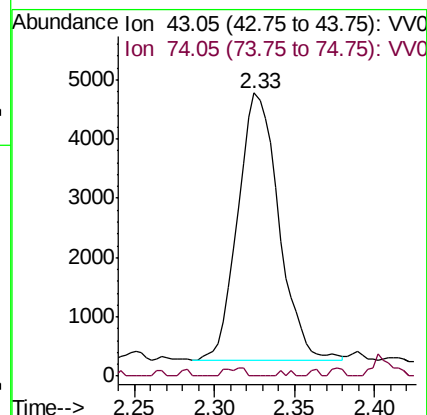
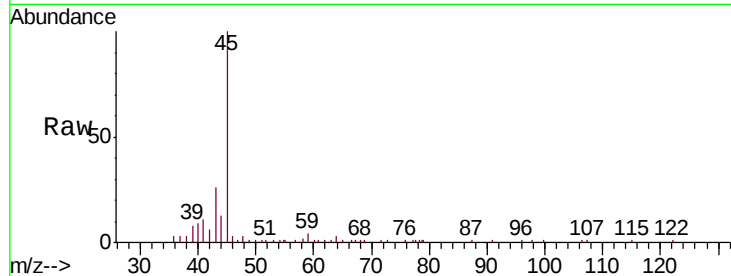




#15
Methyl Acetate
Concen: 1.771 ug/L
RT: 2.33 min Scan# 384
Delta R.T. -0.13 min
Lab File: VV011391.D
Acq: 11 Jun 2019 13:33

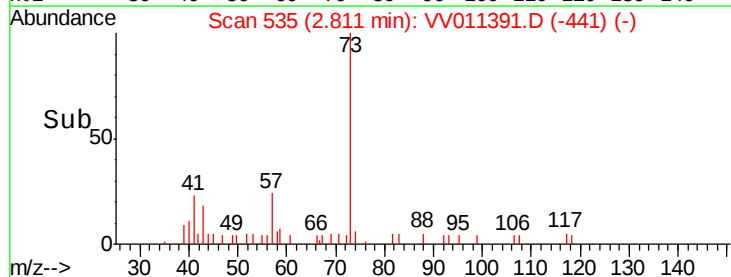
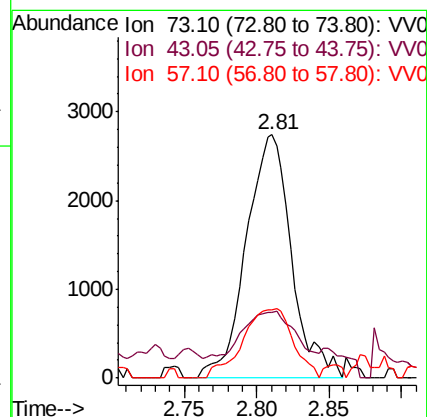
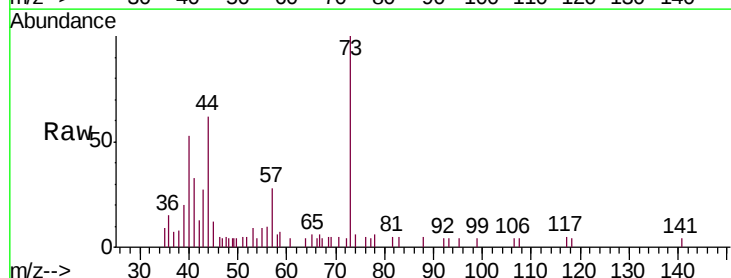
Instrument :
MSVOA_V
ClientSampled :
DB8G1

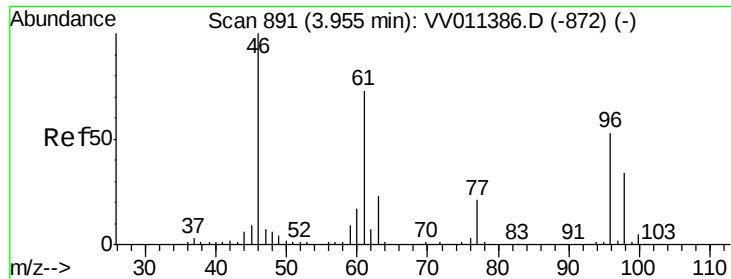
Tgt Ion: 43 Resp: 7850
Ion Ratio Lower Upper
43 100
74 1.5 18.5 27.7#



#17
Methyl tert-butyl Ether
Concen: 0.243 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV011391.D
Acq: 11 Jun 2019 13:33

Tgt Ion: 73 Resp: 5970
Ion Ratio Lower Upper
73 100
43 21.1 18.7 28.1
57 31.7 18.1 27.1#

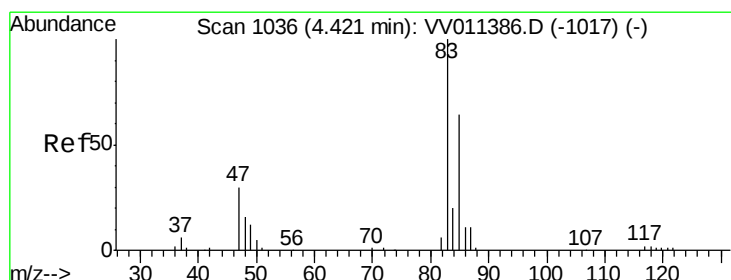
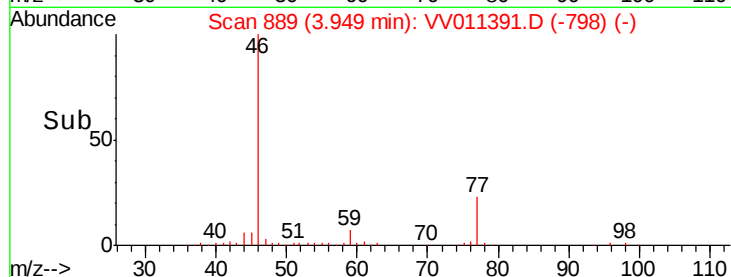
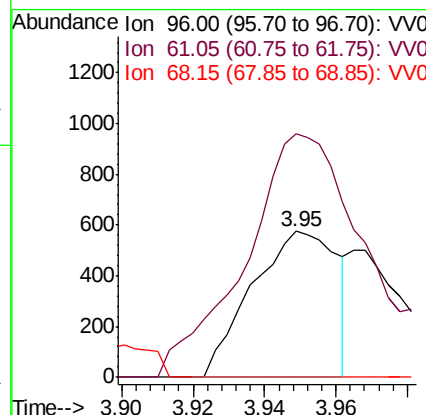
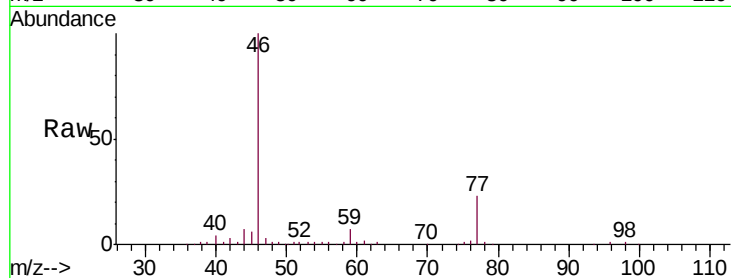




#22
 cis-1,2-Dichloroethene
 Concen: 0.084 ug/L
 RT: 3.95 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: VV011391.D
 Acq: 11 Jun 2019 13:33

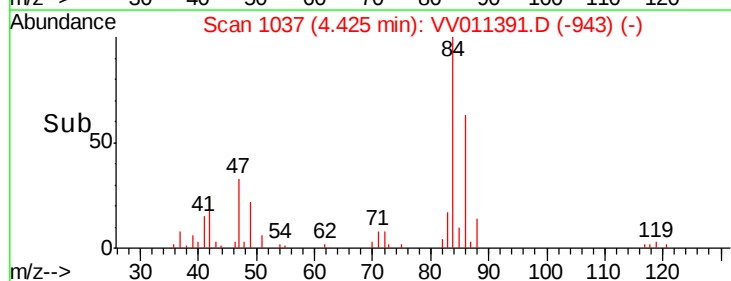
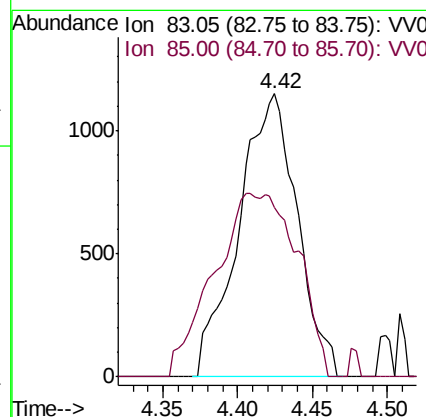
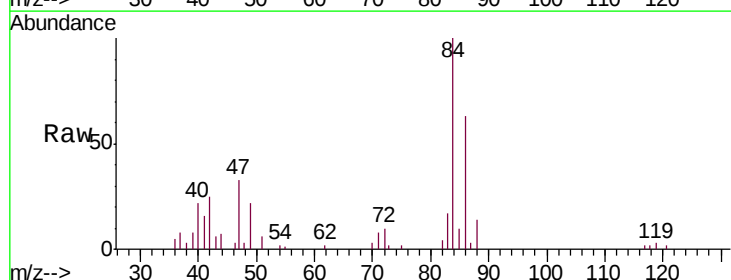
Instrument :
 MSVOA_V
 ClientSampleId :
 DB8G1

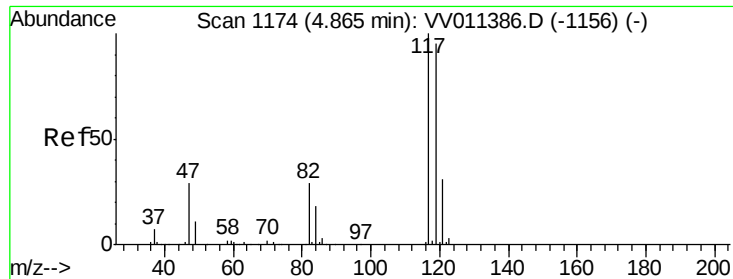
Tgt Ion: 96 Resp: 952
 Ion Ratio Lower Upper
 96 100
 61 167.1 100.8 187.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.149 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV011391.D
 Acq: 11 Jun 2019 13:33

Tgt Ion: 83 Resp: 3133
 Ion Ratio Lower Upper
 83 100
 85 59.8 44.1 81.9





#31

Carbon tetrachloride

Concen: 0.255 ug/L

RT: 4.87 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VV011391.D

Acq: 11 Jun 2019 13:33

Instrument :

MSVOA_V

ClientSampleId :

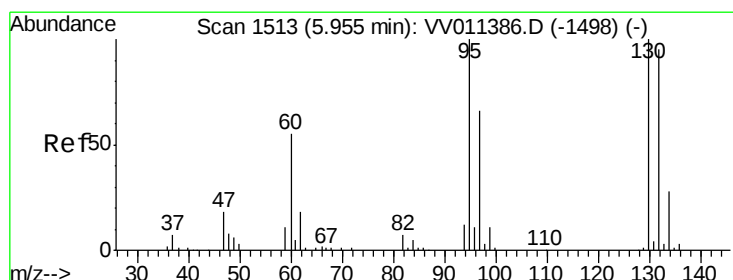
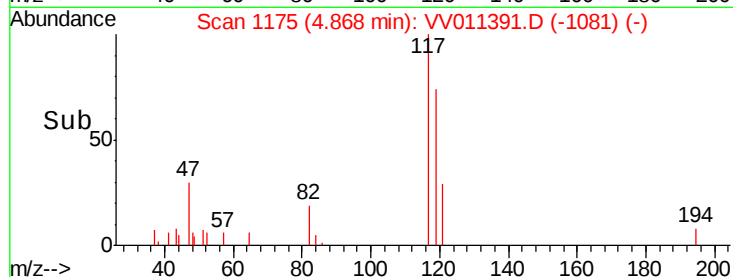
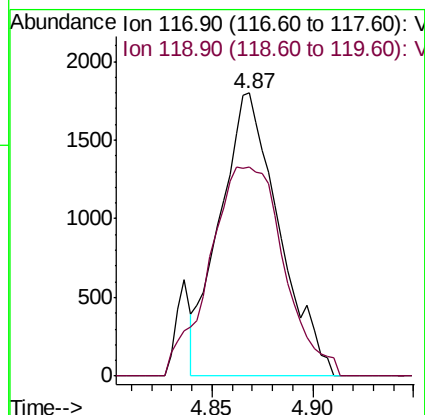
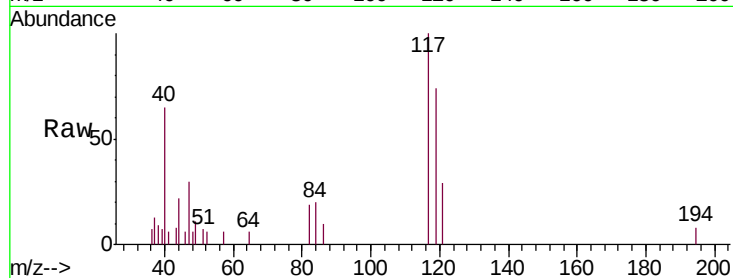
DB8G1

Tgt Ion:117 Resp: 3673

Ion Ratio Lower Upper

117 100

119 92.5 77.9 116.9



#34

Trichloroethene

Concen: 8.842 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011391.D

Acq: 11 Jun 2019 13:33

Tgt Ion: 95 Resp: 98075

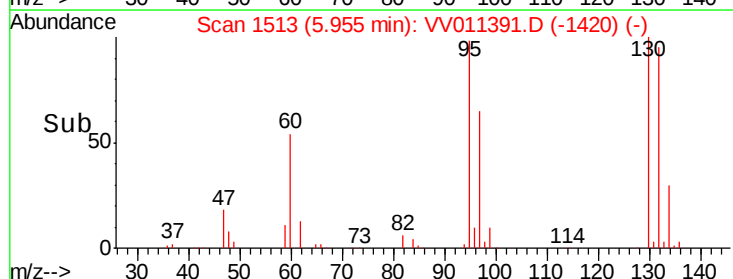
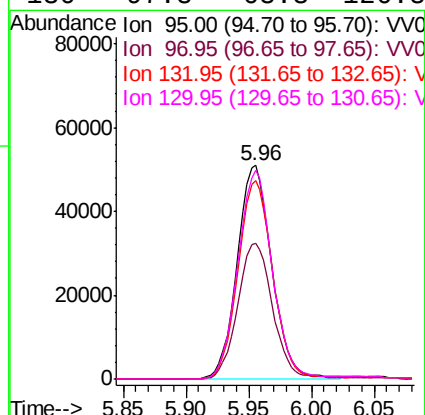
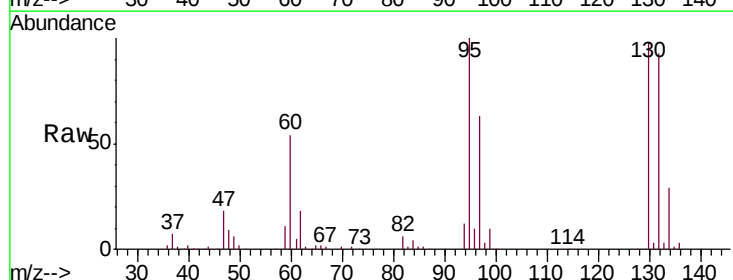
Ion Ratio Lower Upper

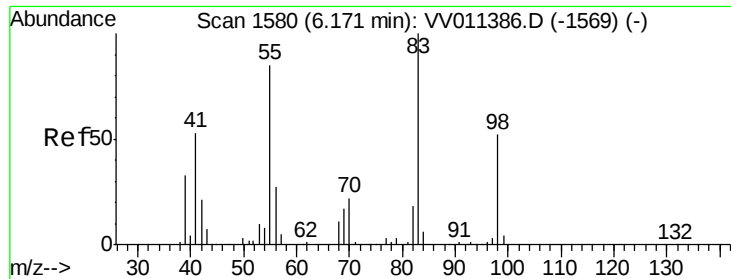
95 100

97 63.5 45.8 85.2

132 93.1 66.4 123.2

130 97.8 68.3 126.8





#35

Methylcyclohexane

Concen: 0.702 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011391.D

Acq: 11 Jun 2019 13:33

Instrument :

MSVOA_V

ClientSampleId :

DB8G1

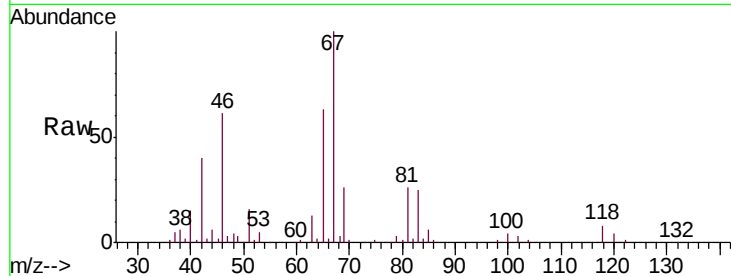
Tgt Ion: 83 Resp: 12869

Ion Ratio Lower Upper

83 100

55 1.7 67.0 100.6#

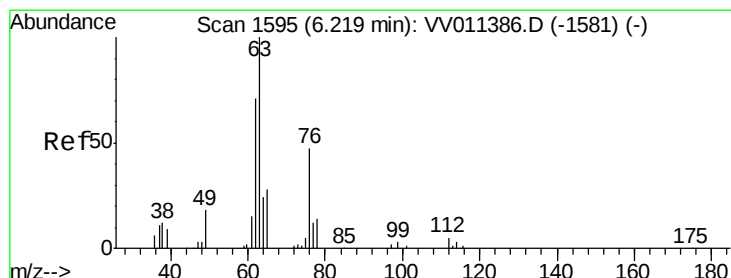
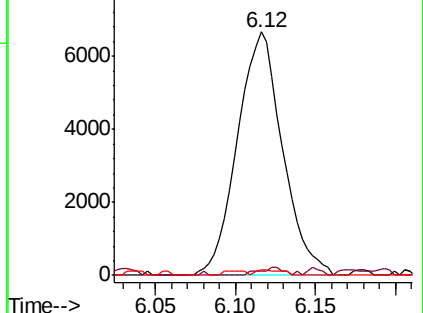
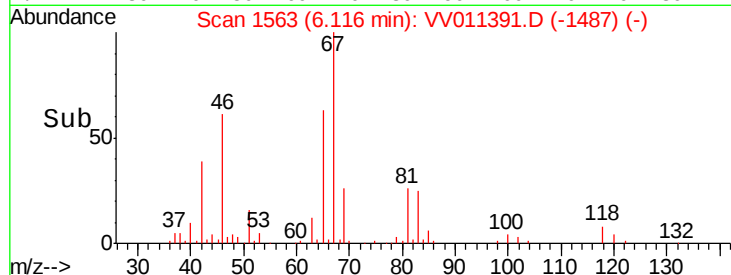
98 1.3 40.0 60.0#



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: 0.635 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011391.D

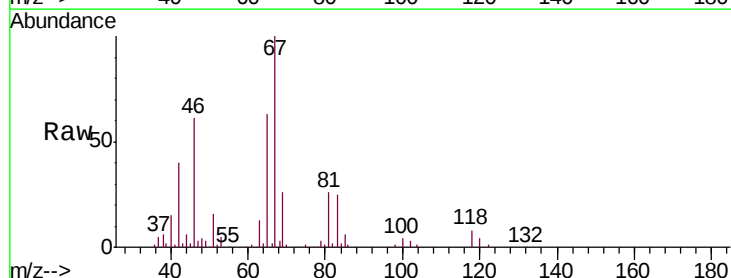
Acq: 11 Jun 2019 13:33

Tgt Ion: 63 Resp: 6785

Ion Ratio Lower Upper

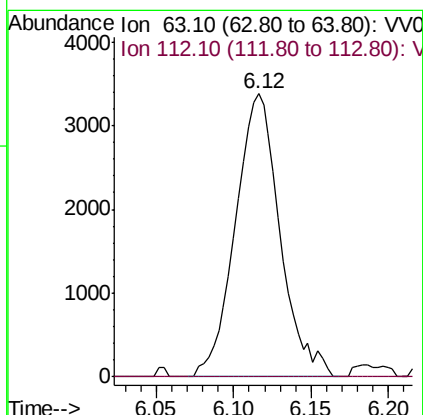
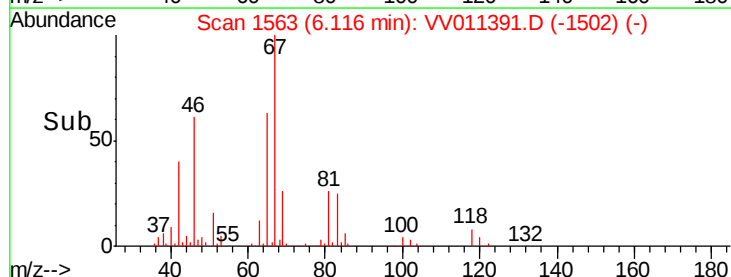
63 100

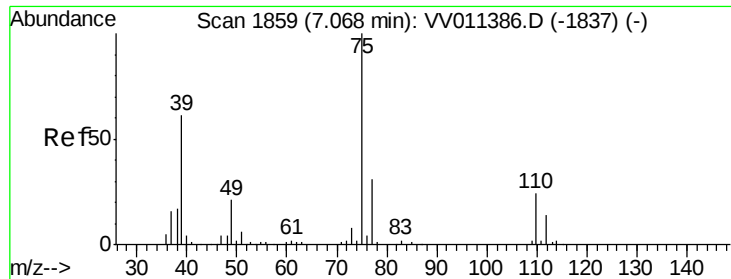
112 0.6 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011391.D
 Acq: 11 Jun 2019 13:33

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8G1

Tgt Ion: 75 Resp: 1480
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.2 41.2#

