

Data File : VV012611.D
Acq On : 06 Sep 2019 21:20
Operator : SY/MD
Sample : K4703-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD93

Quant Time: Sep 07 01:11:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143716	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146890	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	47695	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64133	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	64217	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	105676	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.97	46	141335	53.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.84%
24) Chloroform-d	4.40	84	100616	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	56572	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	181960	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	61691	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	135182	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.67	79	17196	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	70747	44.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41237	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	43951	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

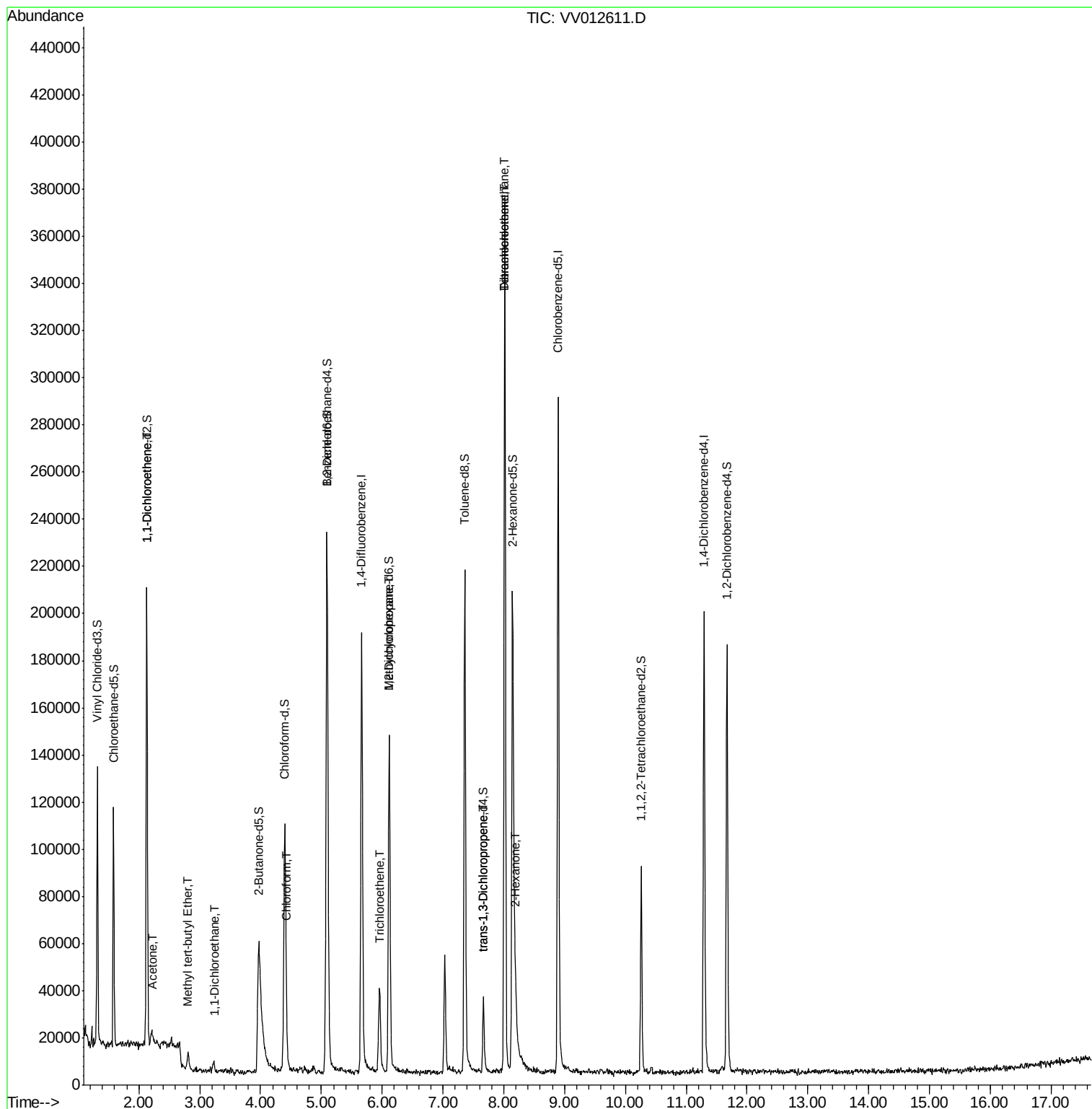
					Qvalue
12) 1,1-Dichloroethene	2.14	96	2009	0.117 ug/L #	1
13) Acetone	2.24	43	4177	1.314 ug/L	80
17) Methyl tert-butyl Ether	2.81	73	5925	0.214 ug/L #	93
19) 1,1-Dichloroethane	3.23	63	4102	0.157 ug/L #	91
25) Chloroform	4.43	83	4854	0.172 ug/L	98
34) Trichloroethene	5.96	95	11166	0.754 ug/L	94
35) Methylcyclohexane	6.12	83	14660	0.663 ug/L #	18
44) trans-1,3-Dichloropropene	7.66	75	1133	0.081 ug/L #	80
47) Tetrachloroethene	8.02	164	74196	6.871 ug/L	95
48) 2-Hexanone	8.19	43	13222	2.255 ug/L #	89
49) Dibromochloromethane	8.02	129	68714	6.416 ug/L #	12

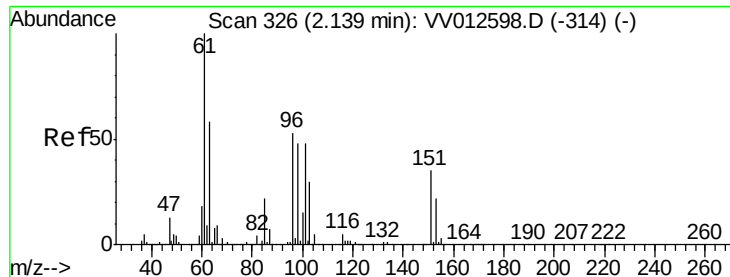
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.117 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012611.D

Acq: 06 Sep 2019 21:20

Instrument :

MSVOA_V

ClientSampleID :

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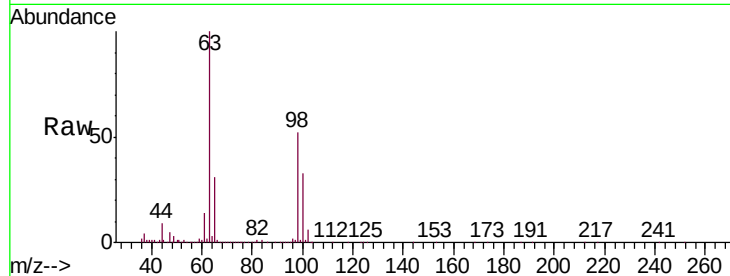
Tgt Ion: 96 Resp: 2009

Ion Ratio Lower Upper

96 100

61 761.1 132.7 246.5#

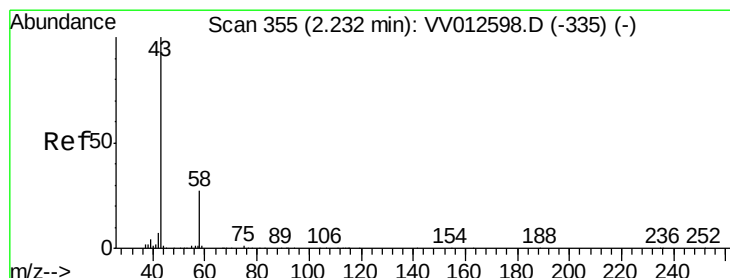
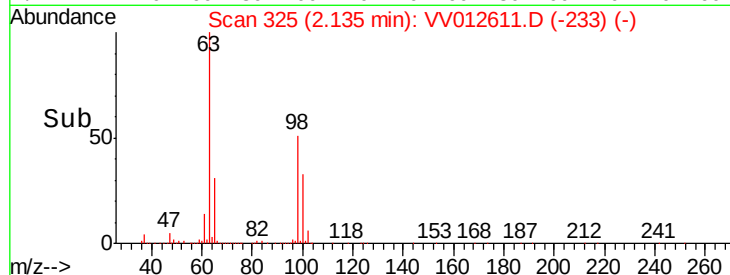
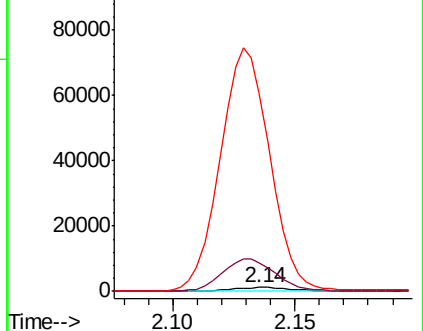
63 5292.1 84.1 156.1#



Abundance Ion 96.00 (95.70 to 96.70): VV012598.D (-314) (-)

Ion 61.05 (60.75 to 61.75): VV012598.D (-314) (-)

Ion 63.00 (62.70 to 63.70): VV012598.D (-314) (-)



#13

Acetone

Concen: 1.314 ug/L

RT: 2.24 min Scan# 356

Delta R.T. 0.00 min

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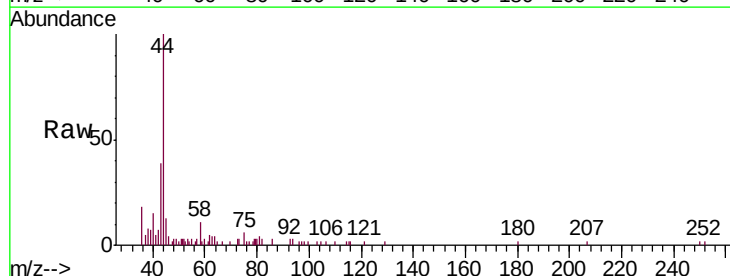
Acq: 06 Sep 2019 21:20

Tgt Ion: 43 Resp: 4177

Ion Ratio Lower Upper

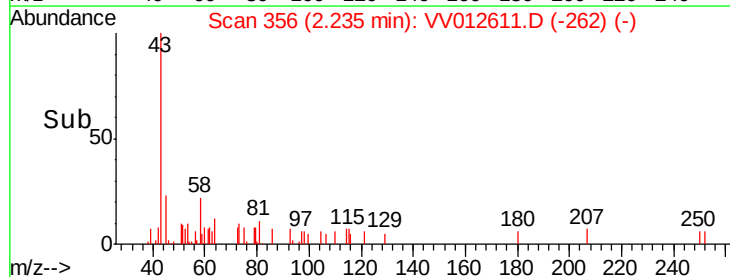
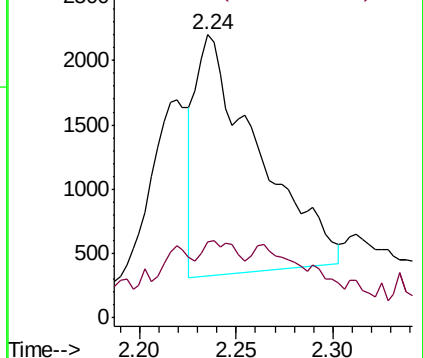
43 100

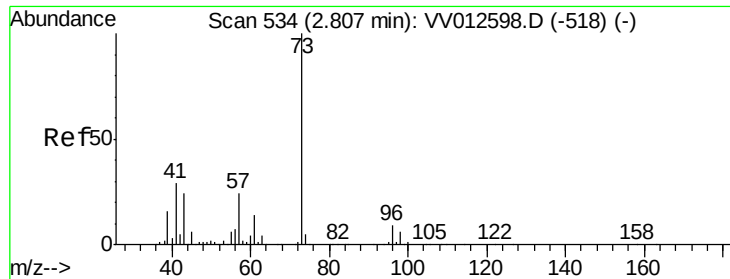
58 17.8 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VV012598.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV012598.D (-335) (-)

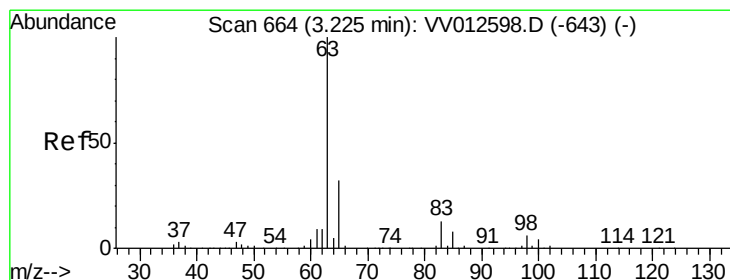
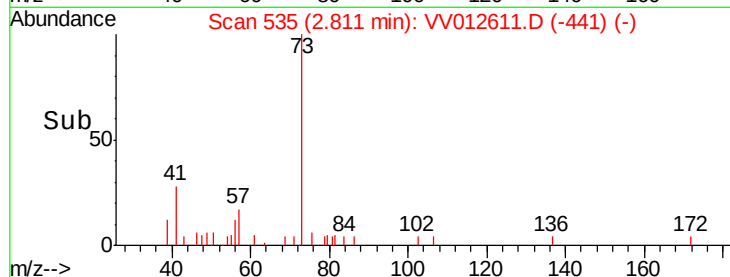
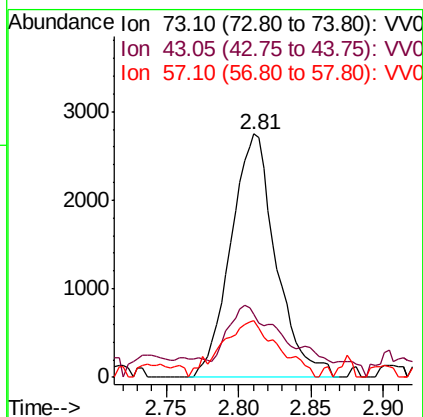
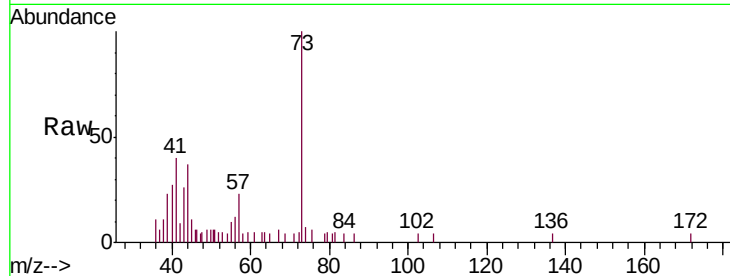




#17
Methyl tert-butyl Ether
Concen: 0.214 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV012611.D
Acq: 06 Sep 2019 21:20

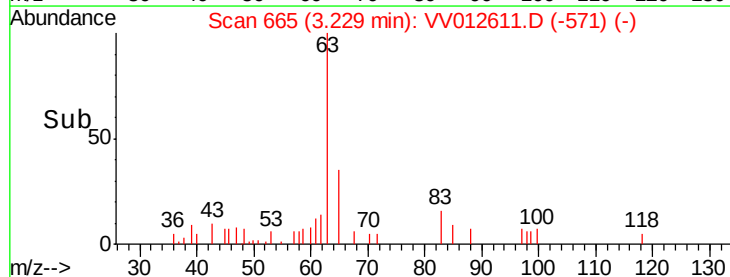
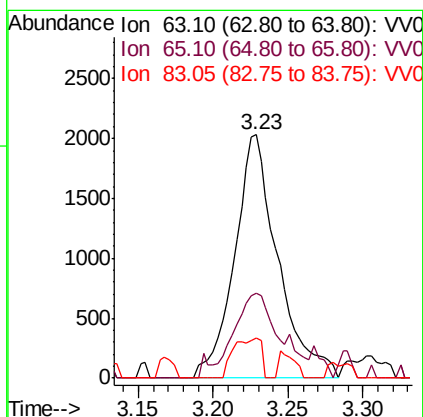
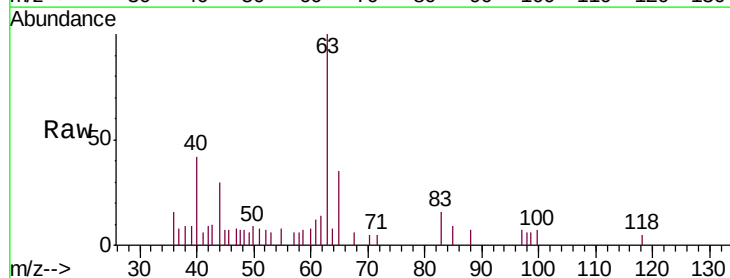
Instrument :
MSVOA_V
ClientSampleId :
BFD93

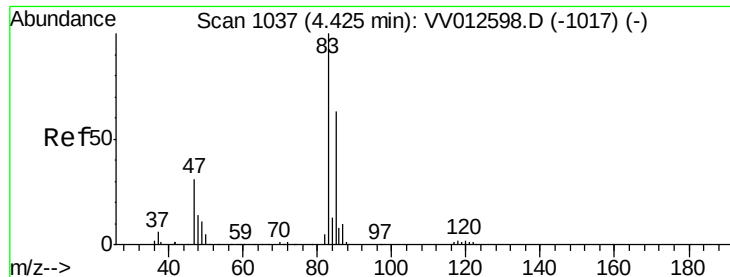
Tgt Ion: 73 Resp: 5925
Ion Ratio Lower Upper
73 100
43 21.9 18.9 28.3
57 29.0 18.9 28.3#



#19
1,1-Dichloroethane
Concen: 0.157 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV012611.D
Acq: 06 Sep 2019 21:20

Tgt Ion: 63 Resp: 4102
Ion Ratio Lower Upper
63 100
65 35.0 20.9 38.9
83 16.3 8.8 16.3#

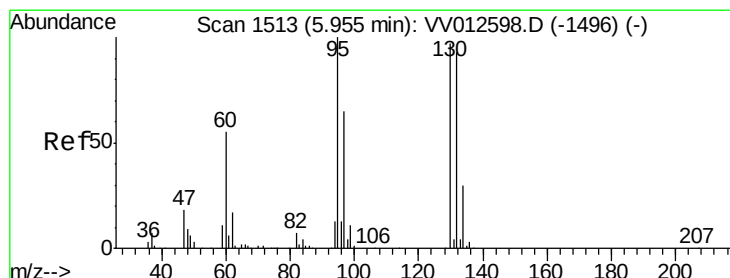
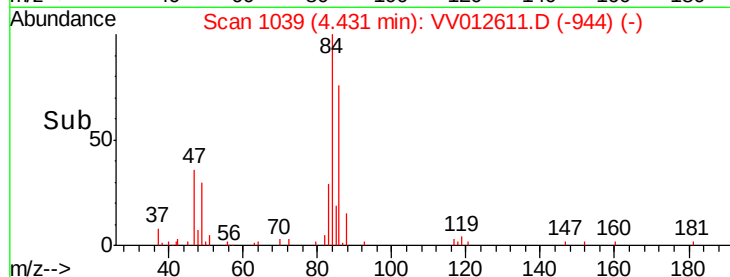
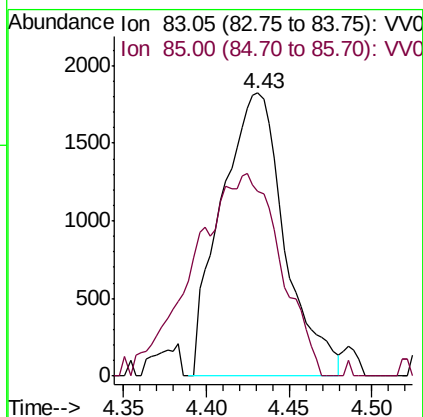
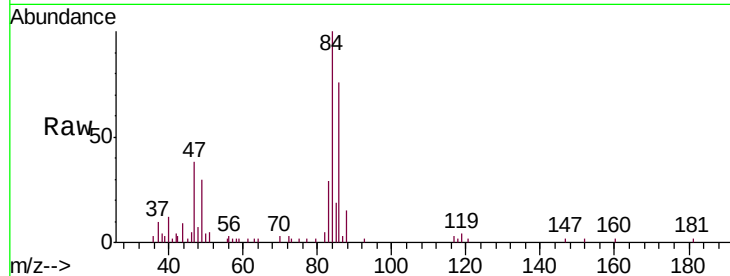




#25
Chloroform
Concen: 0.172 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012611.D
Acq: 06 Sep 2019 21:20

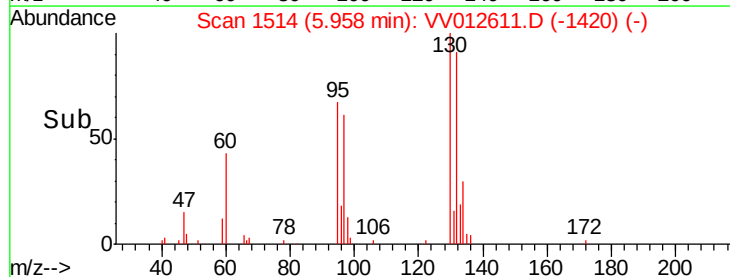
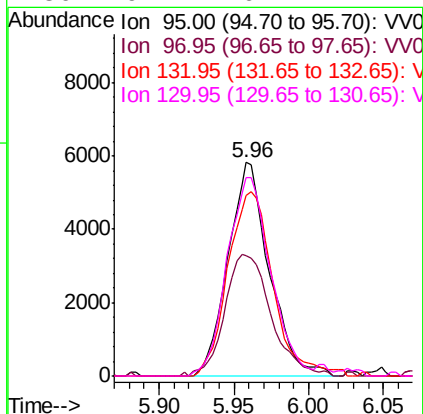
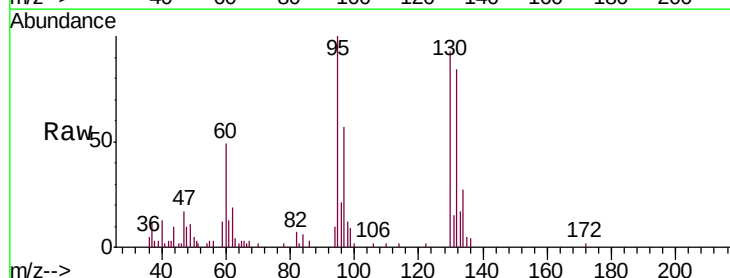
Instrument :
MSVOA_V
ClientSampleId :
BFD93

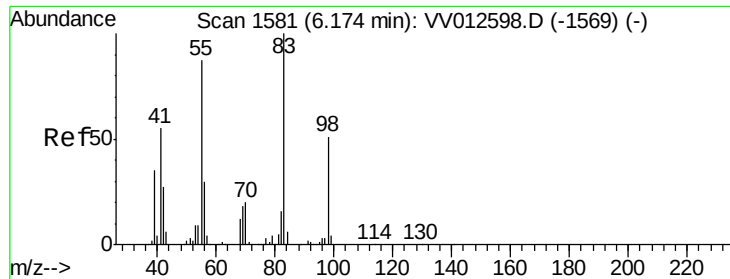
Tgt Ion: 83 Resp: 4854
Ion Ratio Lower Upper
83 100
85 65.3 44.4 82.5



#34
Trichloroethene
Concen: 0.754 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012611.D
Acq: 06 Sep 2019 21:20

Tgt Ion: 95 Resp: 11166
Ion Ratio Lower Upper
95 100
97 56.6 43.9 81.5
132 84.3 64.8 120.4
130 92.7 67.1 124.7

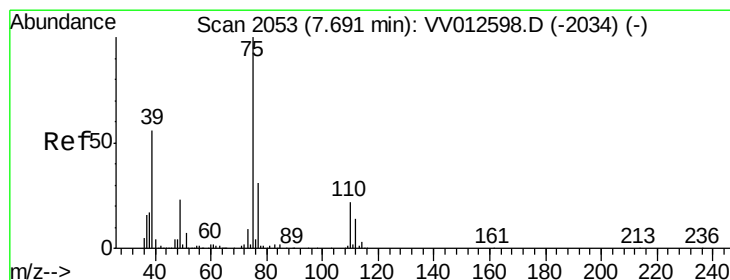
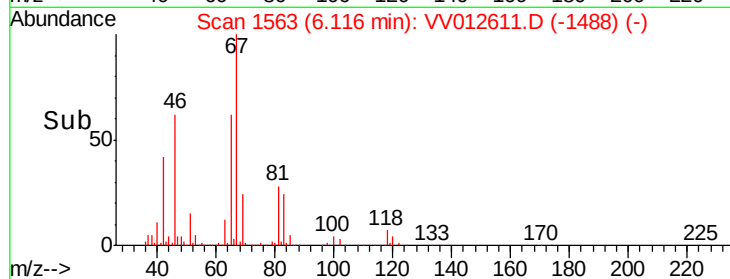
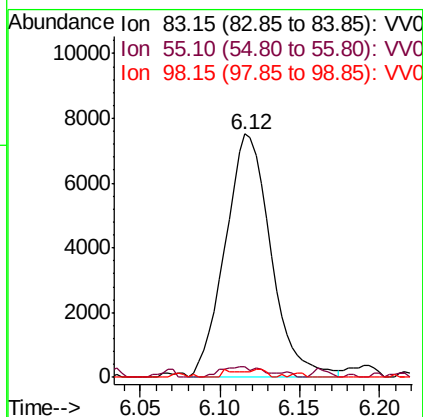
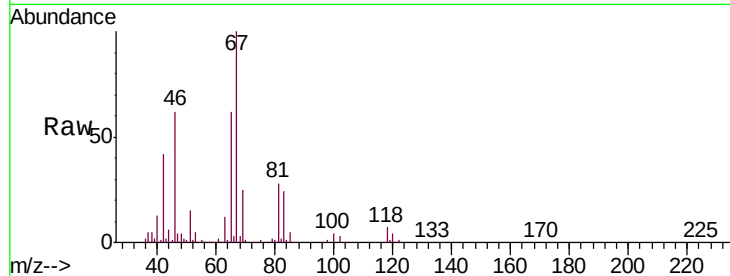




#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012611.D
Acq: 06 Sep 2019 21:20

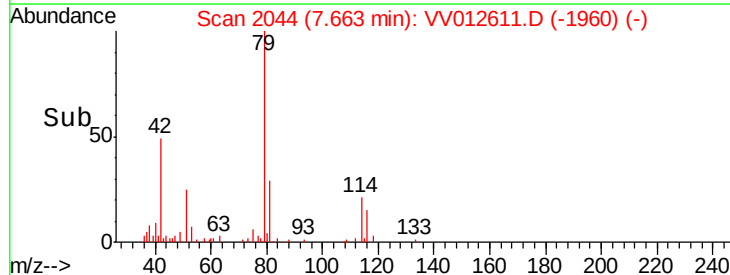
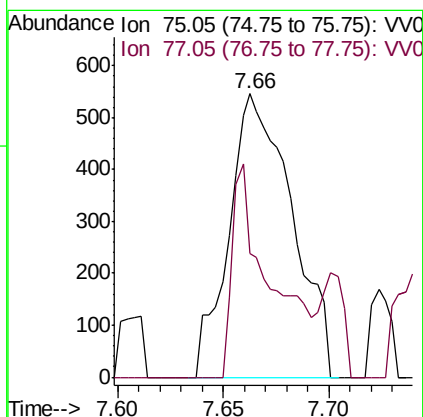
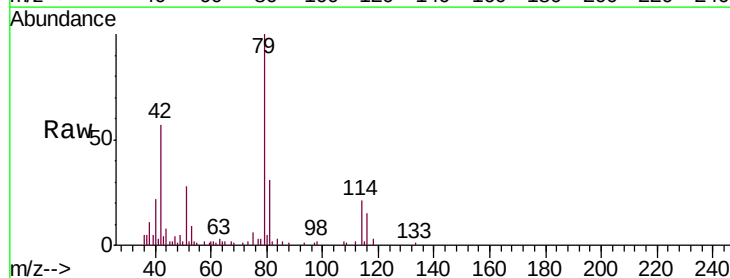
Instrument :
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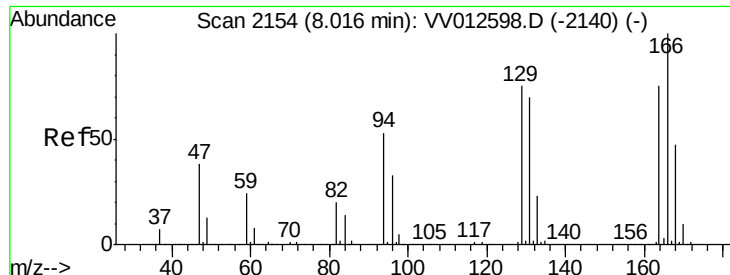
Tgt Ion: 83 Resp: 14660
Ion Ratio Lower Upper
83 100
55 3.8 69.0 103.6#
98 1.1 38.0 57.0#



#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012611.D
Acq: 06 Sep 2019 21:20

Tgt Ion: 75 Resp: 1133
Ion Ratio Lower Upper
75 100
77 43.4 22.5 41.7#

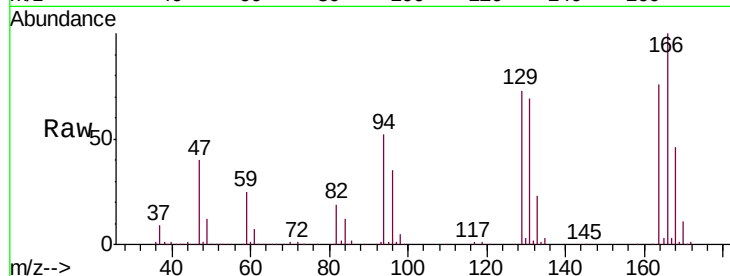




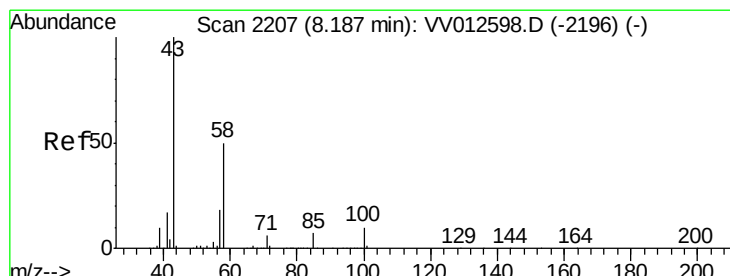
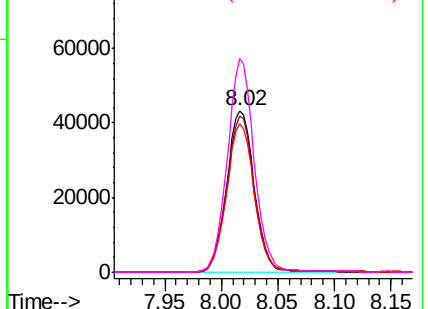
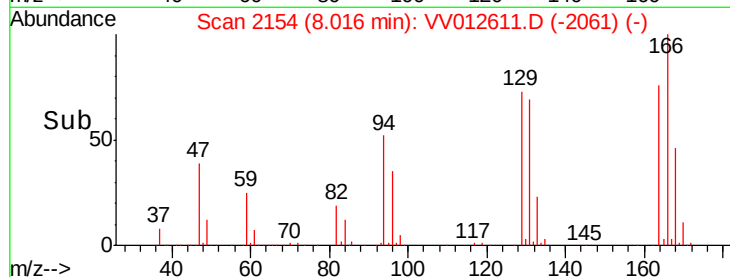
#47
Tetrachloroethene
Concen: 6.871 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012611.D
Acq: 06 Sep 2019 21:20

Instrument :
MSVOA_V
ClientSampled :
BFD93

Tgt Ion:164 Resp: 74196
Ion Ratio Lower Upper
164 100
129 96.7 65.0 120.6
131 91.9 62.0 115.2
166 132.4 87.0 161.6

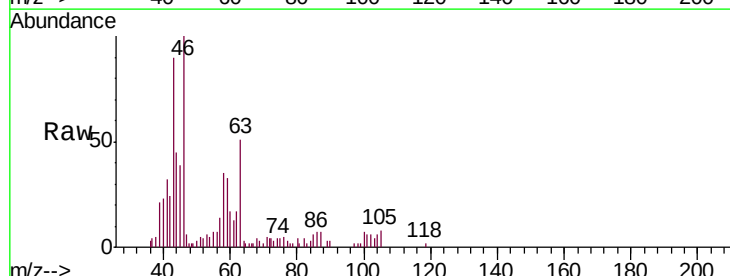


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

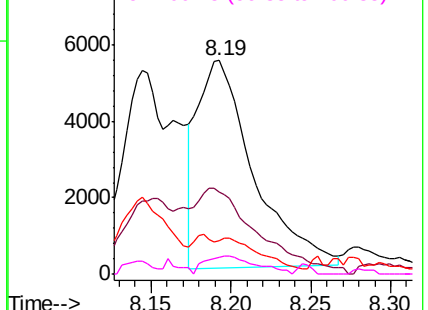
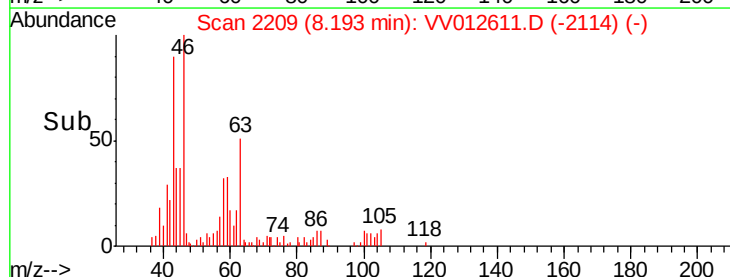


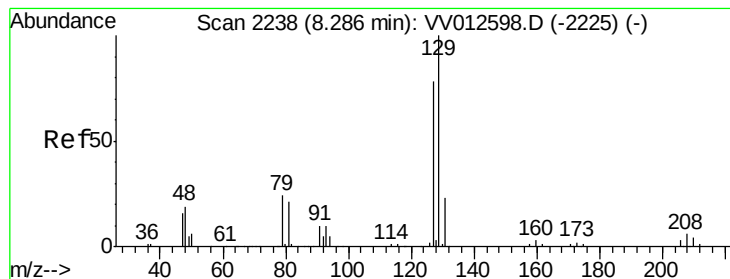
#48
2-Hexanone
Concen: 2.255 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV012611.D
Acq: 06 Sep 2019 21:20

Tgt Ion: 43 Resp: 13222
Ion Ratio Lower Upper
43 100
58 45.8 39.3 58.9
57 1.7 12.9 19.3#
100 7.8 8.0 12.0#



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





#49

Dibromochloromethane

Concen: 6.416 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012611.D

Acq: 06 Sep 2019 21:20

Instrument :
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Tgt Ion:129 Resp: 68714

Ion Ratio Lower Upper

129 100

127 0.4 53.0 98.4#

