

Data File : VV012171.D
Acq On : 10 Aug 2019 00:27
Operator : SY/MD
Sample : K4248-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B44

Quant Time: Aug 10 05:11:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	263074	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	241353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	107261	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45781	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	30542	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.98%
11) 1,1-Dichloroethene-d2	2.13	63	63906	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	3.93	46	27927	58.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.36%
24) Chloroform-d	4.40	84	90565	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	5.08	65	60022	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
32) Benzene-d6	5.10	84	195124	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.28%
36) 1,2-Dichloropropane-d6	6.12	67	51459	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.10%
41) Toluene-d8	7.36	98	176198	49.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.86%
43) trans-1,3-Dichloropropene-	7.66	79	25069	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.90%
47) 2-Hexanone-d5	8.13	63	38165	98.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	68632	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
64) 1,2-Dichlorobenzene-d4	11.67	152	68184	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

Target Compounds

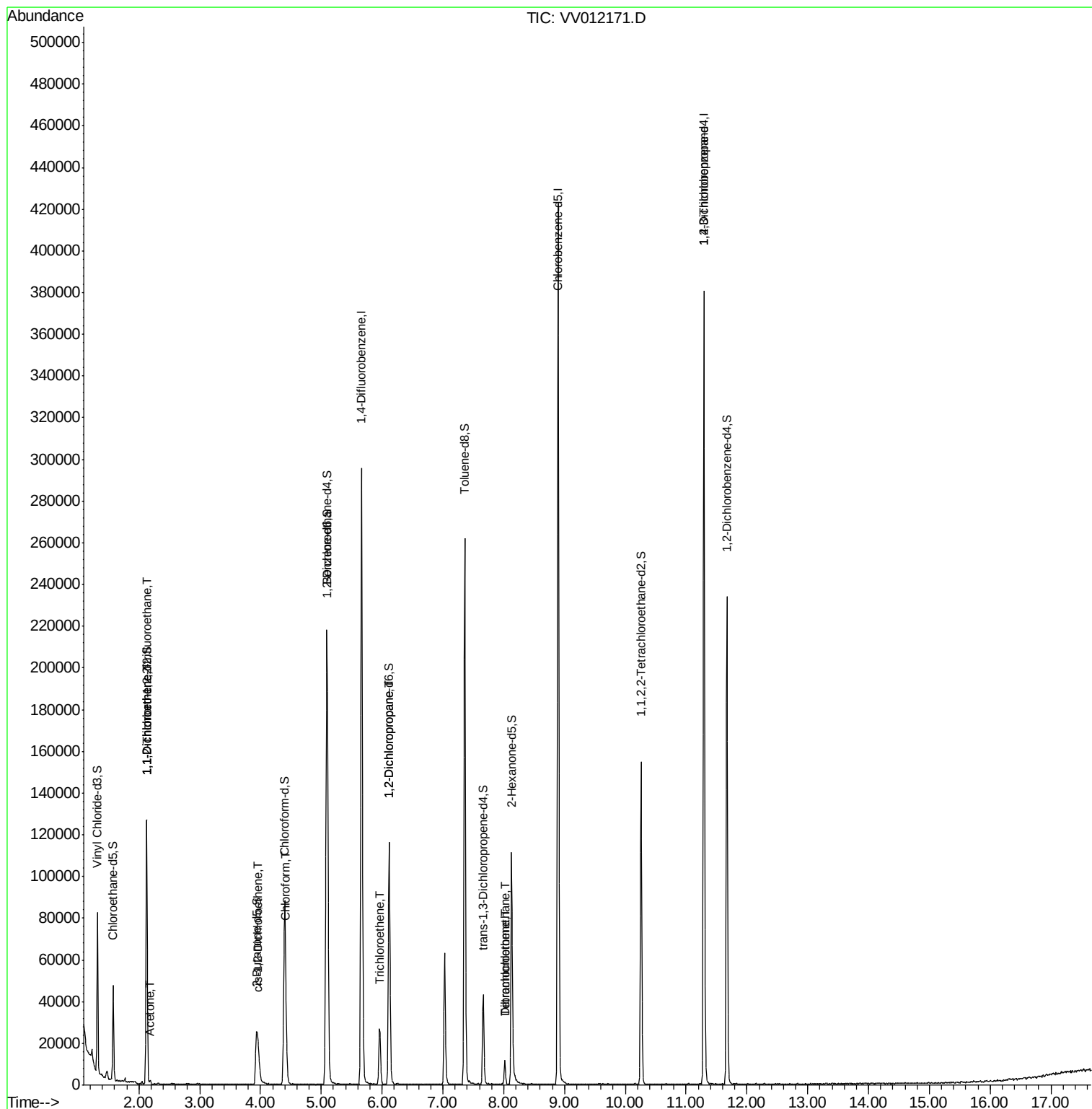
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	703	0.606	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	673	0.631	ug/L #	1
13) Acetone	2.18	43	448	0.645	ug/L	70
20) cis-1,2-Dichloroethene	3.96	96	2235	1.263	ug/L	98
25) Chloroform	4.42	83	7077	2.301	ug/L	93
34) Trichloroethene	5.96	95	9144	5.491	ug/L	94
37) 1,2-Dichloropropane	6.12	63	6301	4.294	ug/L #	84
46) Tetrachloroethene	8.02	164	2554	1.605	ug/L	94
49) Dibromochloromethane	8.02	129	2320	1.128	ug/L #	11
59) 1,2,3-Trichloropropane	11.29	75	8830	4.460	ug/L #	82

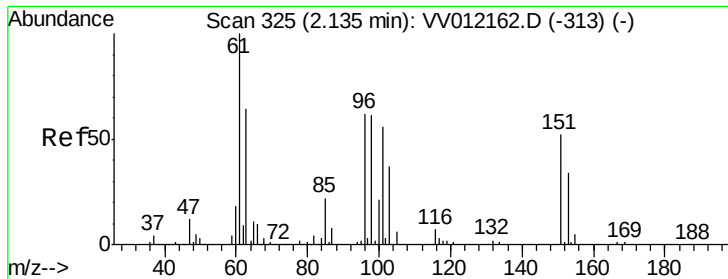
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.606 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012171.D

Acq: 10 Aug 2019 00:27

Instrument :

MSVOA_V

ClientSampleId :

F2B44

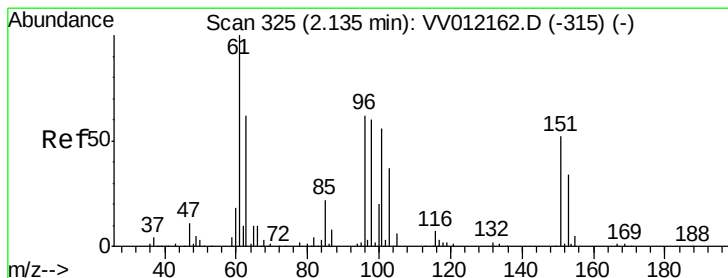
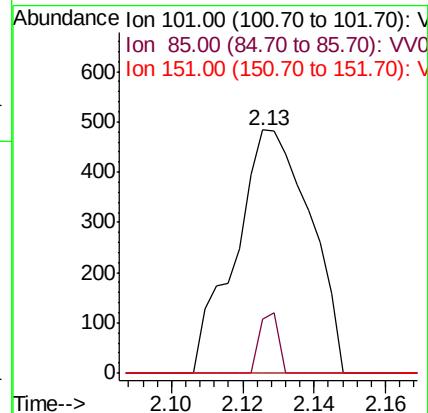
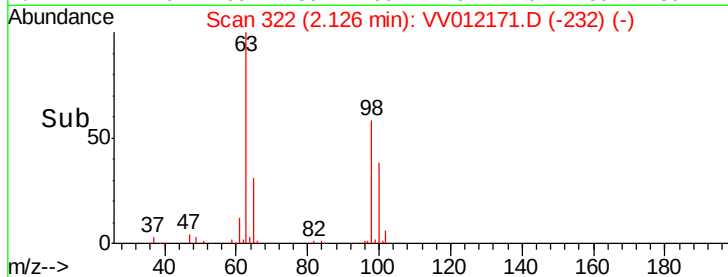
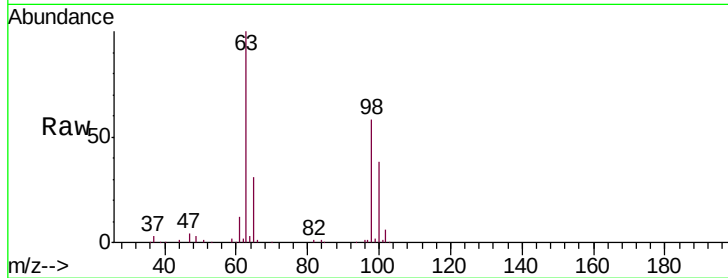
Tgt Ion: 101 Resp: 703

Ion Ratio Lower Upper

101 100

85 6.3 33.6 50.4#

151 0.0 71.8 107.8#



#12

1,1-Dichloroethene

Concen: 0.631 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012171.D

Acq: 10 Aug 2019 00:27

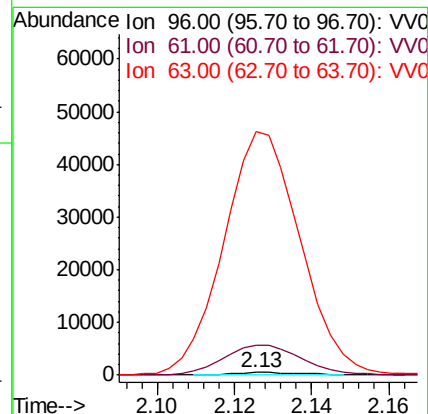
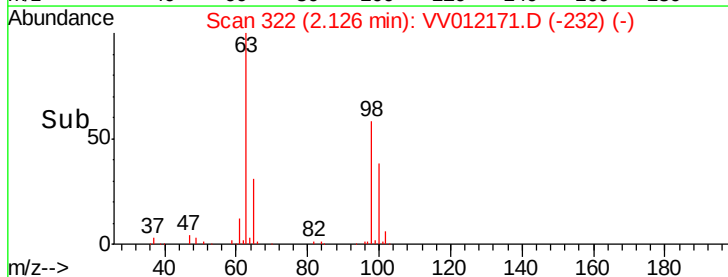
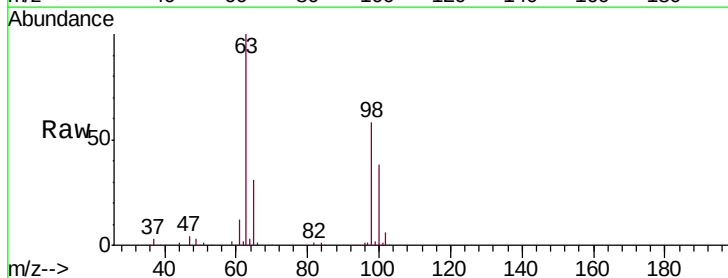
Tgt Ion: 96 Resp: 673

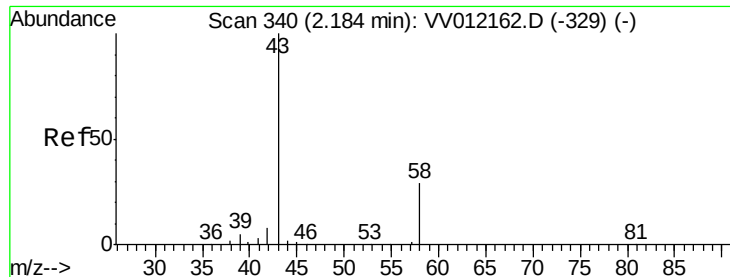
Ion Ratio Lower Upper

96 100

61 1096.6 115.1 213.8#

63 8821.4 83.9 155.7#





#13

Acetone

Concen: 0.645 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV012171.D

Acq: 10 Aug 2019 00:27

Instrument :

MSVOA_V

ClientSampled :

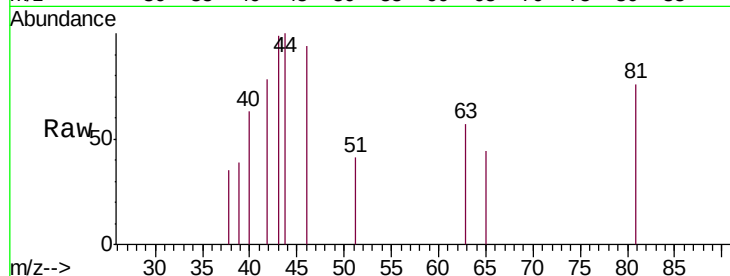
F2B44

Tgt Ion: 43 Resp: 448

Ion Ratio Lower Upper

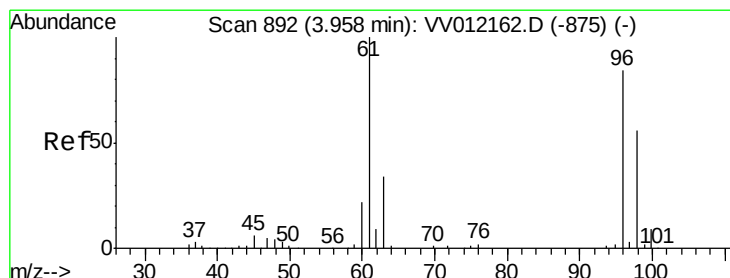
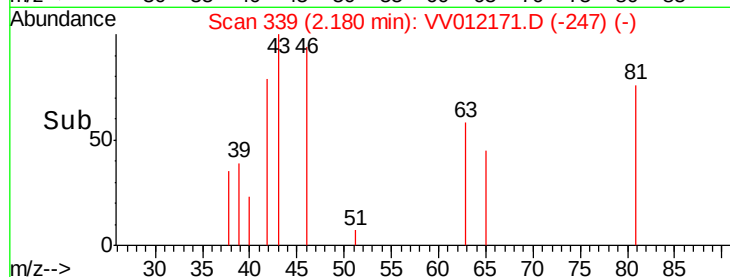
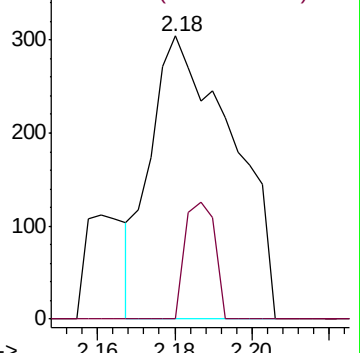
43 100

58 15.2 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 1.263 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV012171.D

Acq: 10 Aug 2019 00:27

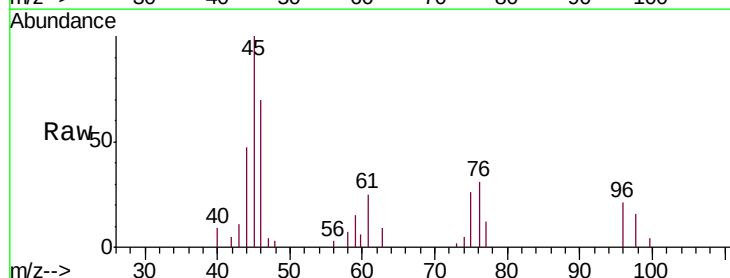
Tgt Ion: 96 Resp: 2235

Ion Ratio Lower Upper

96 100

61 120.1 82.9 153.9

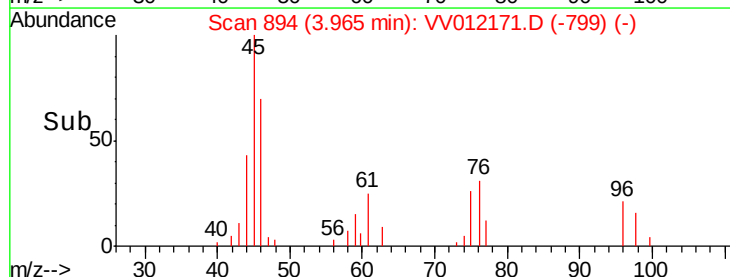
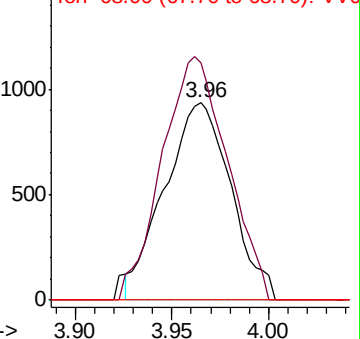
68 0.0 0.0 0.0

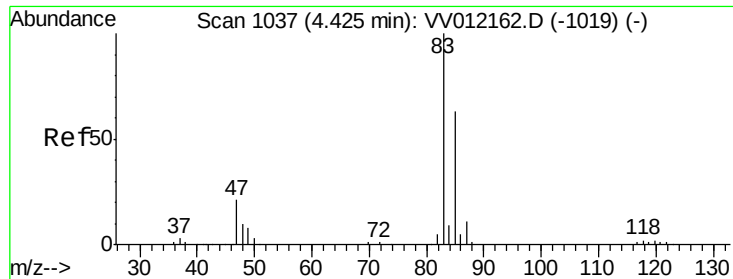


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

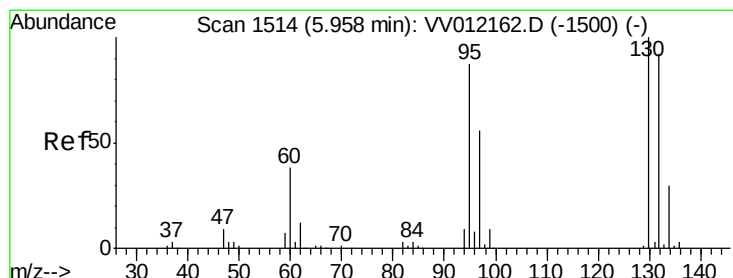
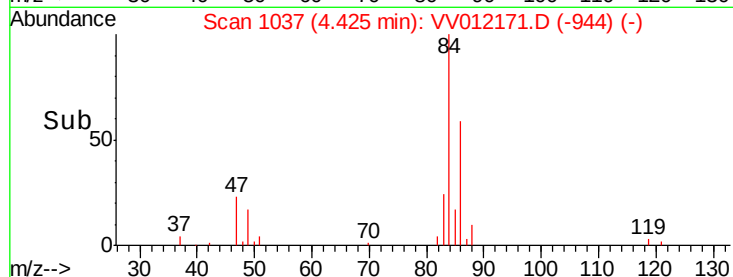
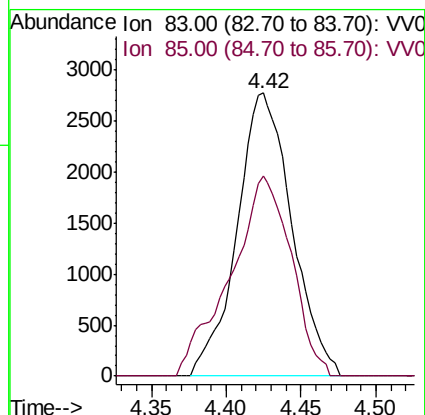
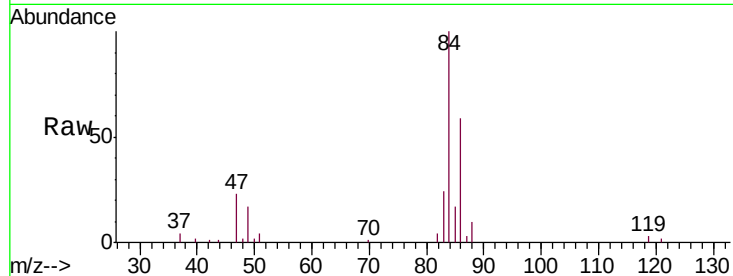




#25
Chloroform
Concen: 2.301 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012171.D
Acq: 10 Aug 2019 00:27

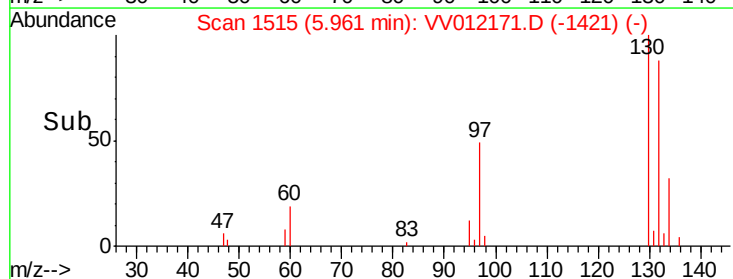
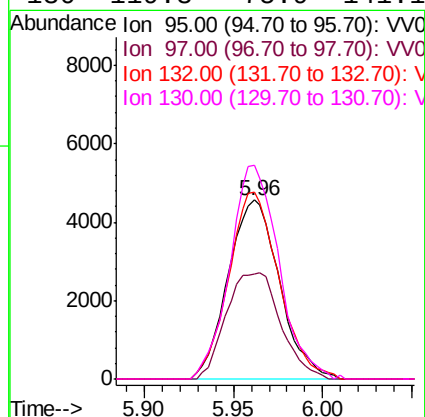
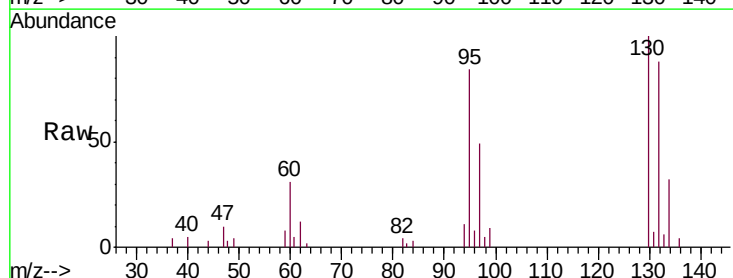
Instrument :
MSVOA_V
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F2B44

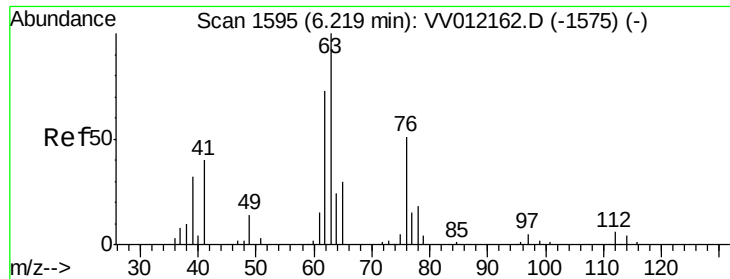
Tgt Ion: 83 Resp: 7077
Ion Ratio Lower Upper
83 100
85 70.5 45.7 84.9



#34
Trichloroethene
Concen: 5.491 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV012171.D
Acq: 10 Aug 2019 00:27

Tgt Ion: 95 Resp: 9144
Ion Ratio Lower Upper
95 100
97 58.3 44.7 83.1
132 104.7 72.7 134.9
130 119.3 75.9 141.1

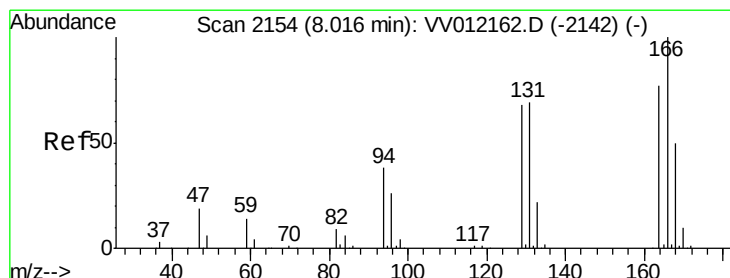
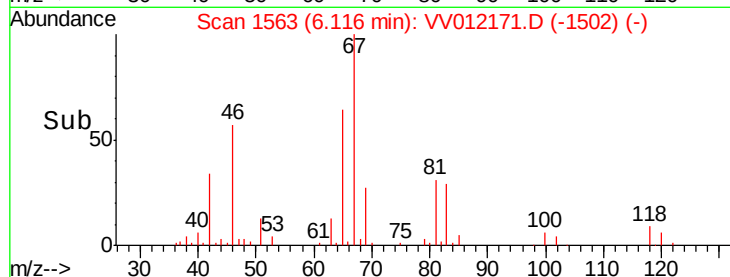
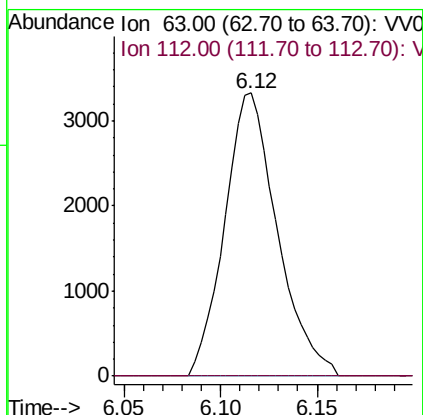
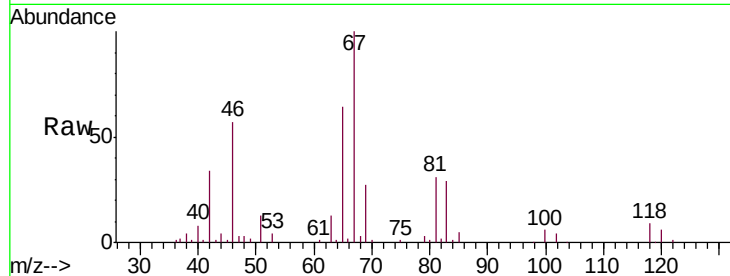




#37
 1,2-Dichloropropane
 Concen: 4.294 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012171.D
 Acq: 10 Aug 2019 00:27

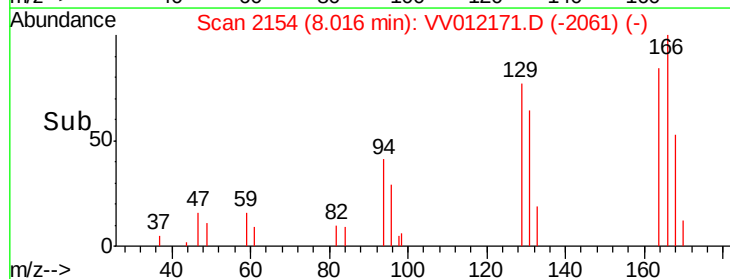
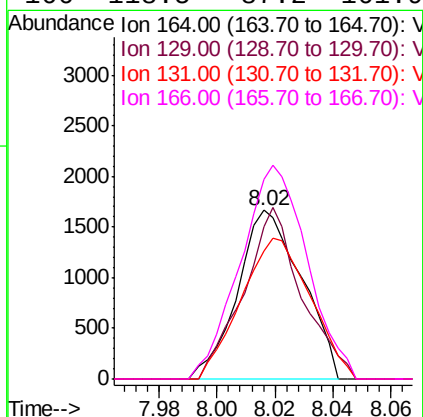
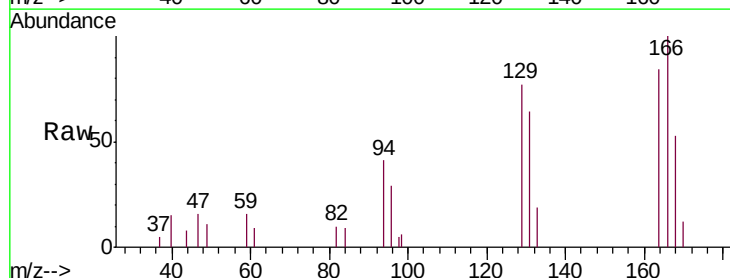
Instrument :
 MSVOA_V
 ClientSampleId :
 F2B44

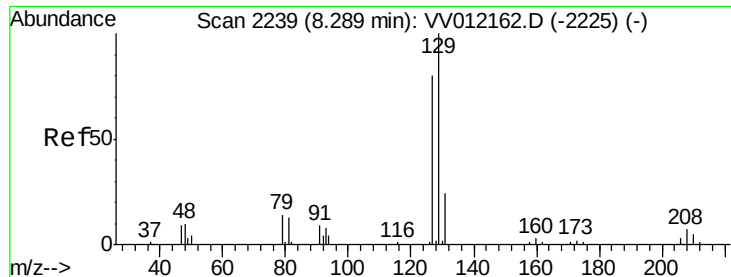
Tgt Ion: 63 Resp: 6301
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#46
 Tetrachloroethene
 Concen: 1.605 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012171.D
 Acq: 10 Aug 2019 00:27

Tgt Ion: 164 Resp: 2554
 Ion Ratio Lower Upper
 164 100
 129 90.7 60.6 112.6
 131 75.6 59.5 110.5
 166 118.5 87.2 161.9





#49

Dibromochloromethane

Concen: 1.128 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV012171.D

Acq: 10 Aug 2019 00:27

Instrument :

MSVOA_V

ClientSampleId :

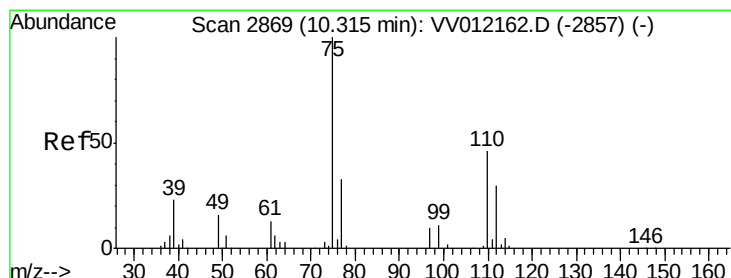
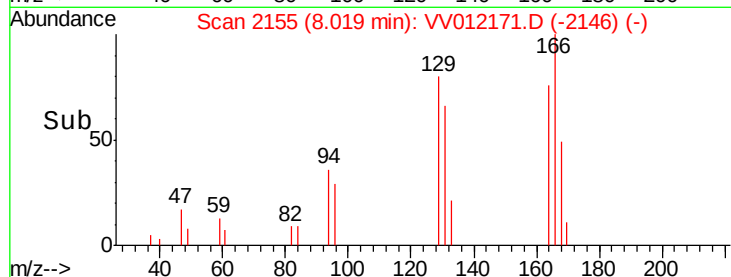
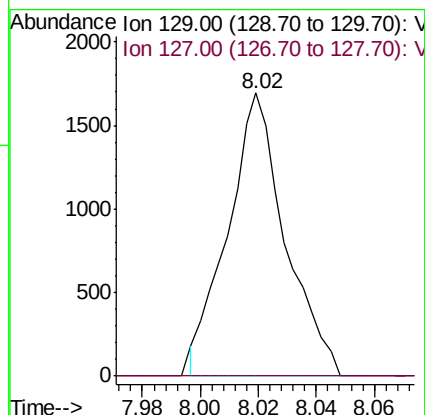
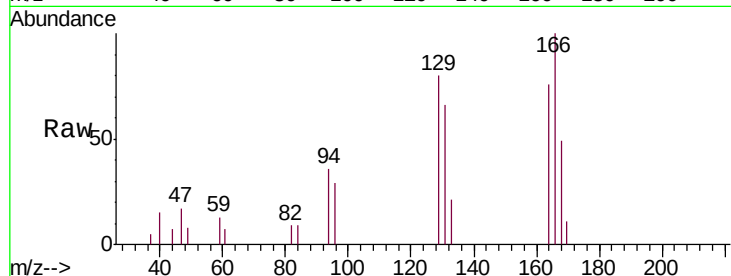
F2B44

Tgt Ion:129 Resp: 2320

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



#59

1,2,3-Trichloropropane

Concen: 4.460 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012171.D

Acq: 10 Aug 2019 00:27

Tgt Ion: 75 Resp: 8830

Ion Ratio Lower Upper

75 100

77 42.9 26.3 39.5#

