

Data File : VV012168.D
Acq On : 09 Aug 2019 23:14
Operator : SY/MD
Sample : K4248-05
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B08

Quant Time: Aug 10 05:11:09 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	277158	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	256482	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	110949	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48870	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.86%
7) Chloroethane-d5	1.58	69	32699	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.58%
11) 1,1-Dichloroethene-d2	2.13	63	67914	35.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.46%
21) 2-Butanone-d5	3.93	46	32086	63.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.64%
24) Chloroform-d	4.40	84	93252	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
26) 1,2-Dichloroethane-d4	5.08	65	63251	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
32) Benzene-d6	5.10	84	204329	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
36) 1,2-Dichloropropane-d6	6.12	67	55761	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.10%
41) Toluene-d8	7.36	98	185744	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%
43) trans-1,3-Dichloropropene-	7.66	79	26856	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.62%
47) 2-Hexanone-d5	8.13	63	40599	98.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72349	48.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.58%
64) 1,2-Dichlorobenzene-d4	11.67	152	69259	52.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.64%

Target Compounds

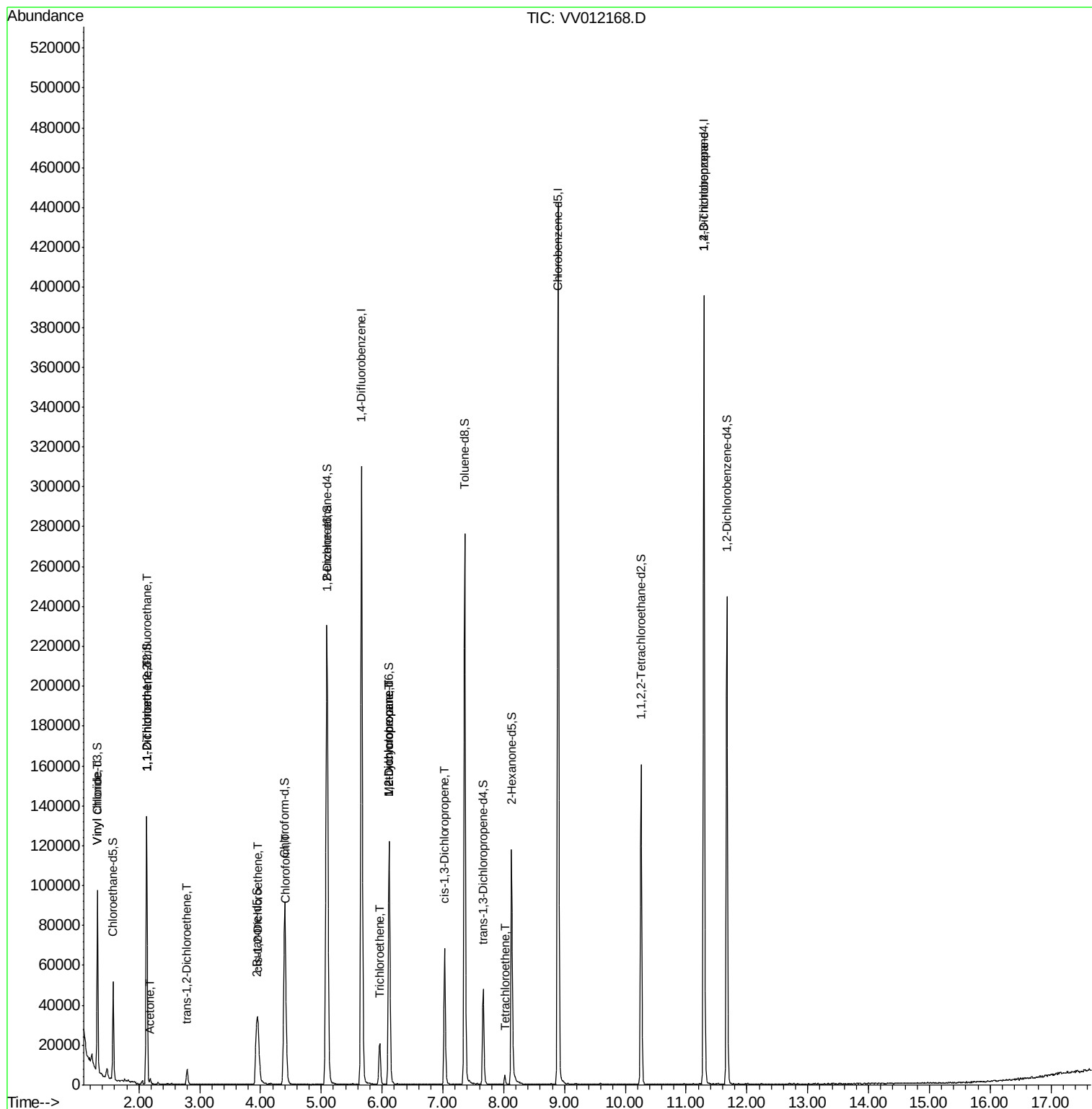
						Qvalue
5) Vinyl chloride	1.32	62	4807	3.137	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	839	0.687	ug/L #	14
12) 1,1-Dichloroethene	2.13	96	691	0.615	ug/L #	1
13) Acetone	2.18	43	914	1.249	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	3024	1.843	ug/L	95
20) cis-1,2-Dichloroethene	3.96	96	9293	4.986	ug/L	93
25) Chloroform	4.42	83	7510	2.318	ug/L	87
34) Trichloroethene	5.96	95	6679	3.774	ug/L	97
35) Methylcyclohexane	6.12	83	14346	5.206	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	6733	4.318	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1647	0.612	ug/L #	71
46) Tetrachloroethene	8.02	164	939	0.555	ug/L	91
59) 1,2,3-Trichloropropane	11.29	75	10541	5.010	ug/L	93

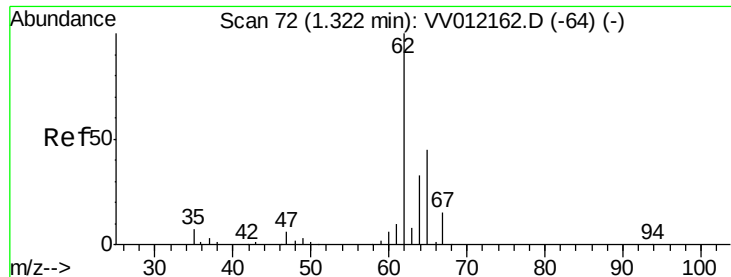
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.137 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012168.D

Acq: 09 Aug 2019 23:14

Instrument :

MSVOA_V

ClientSampled :

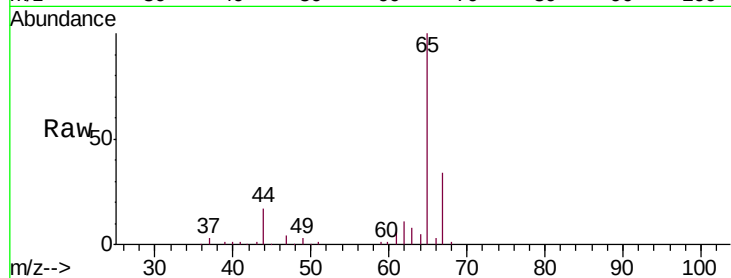
F2B08

Tgt Ion: 62 Resp: 4807

Ion Ratio Lower Upper

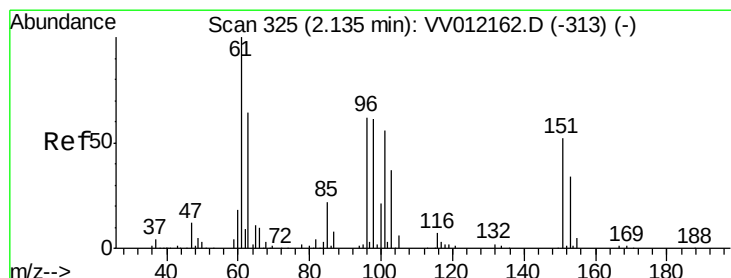
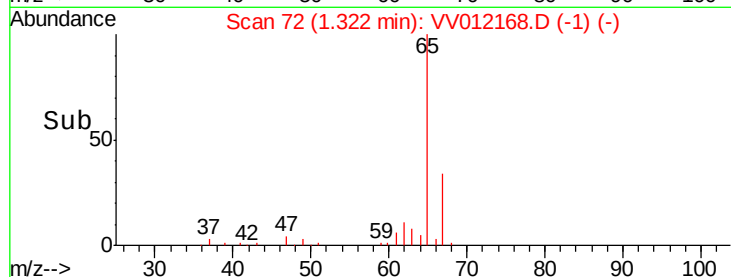
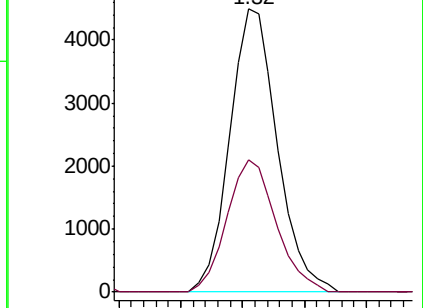
62 100

64 46.6 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VV012168.D (-64) (-)

Ion 64.00 (63.70 to 64.70): VV012168.D (-64) (-)



#10

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

Concen: 0.687 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012168.D

Acq: 09 Aug 2019 23:14

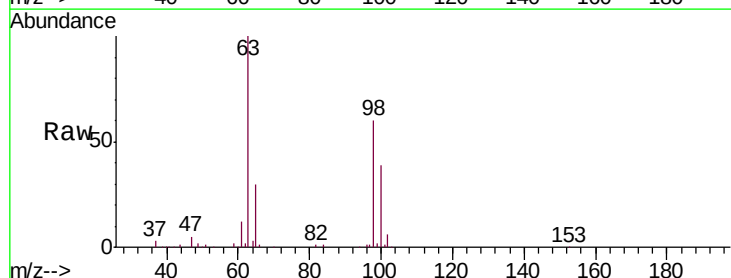
Tgt Ion: 101 Resp: 839

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

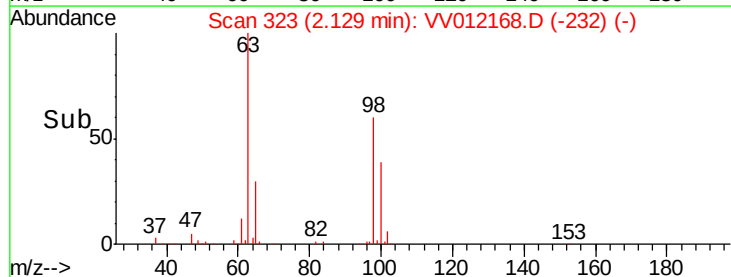
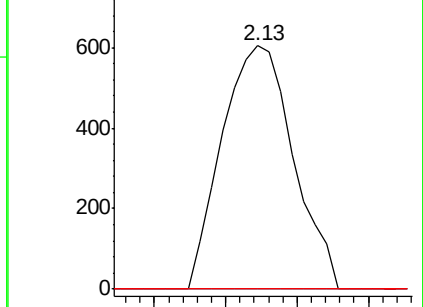
151 0.0 71.8 107.8#

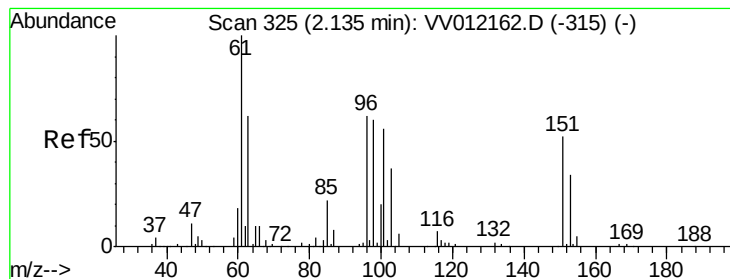


Abundance Ion 101.00 (100.70 to 101.70): VV012168.D (-313) (-)

Ion 85.00 (84.70 to 85.70): VV012168.D (-313) (-)

Ion 151.00 (150.70 to 151.70): VV012168.D (-313) (-)





#12

1,1-Dichloroethene

Concen: 0.615 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012168.D

Acq: 09 Aug 2019 23:14

Instrument :

MSVOA_V

ClientSampled :

F2B08

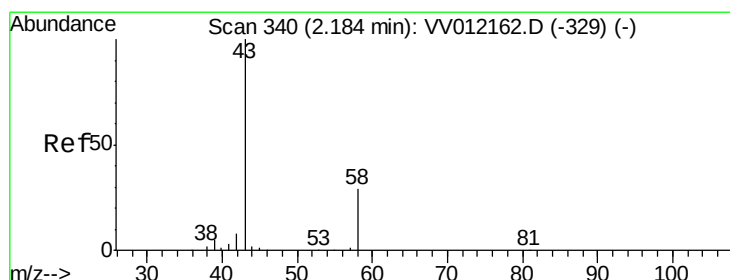
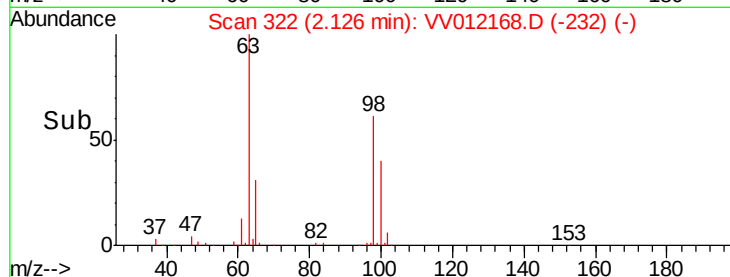
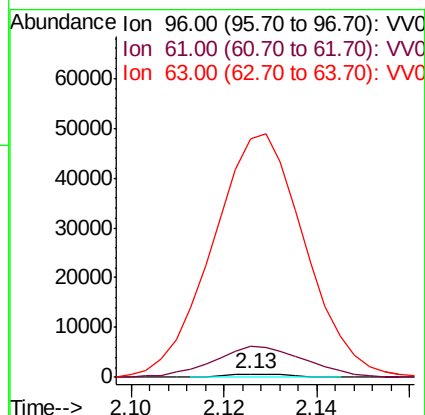
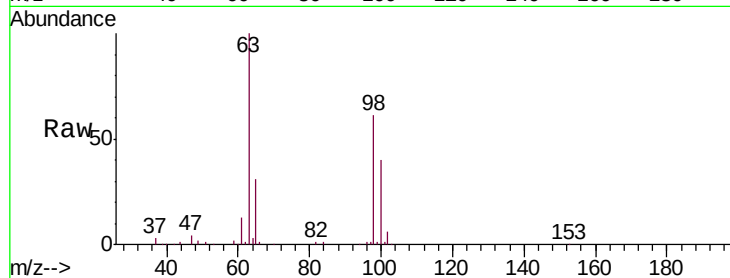
Tgt Ion: 96 Resp: 691

Ion Ratio Lower Upper

96 100

61 952.1 115.1 213.8#

63 7430.7 83.9 155.7#



#13

Acetone

Concen: 1.249 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV012168.D

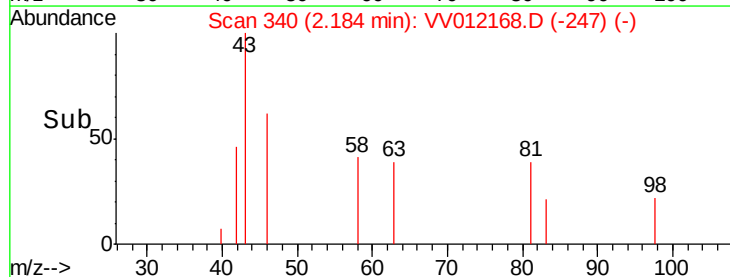
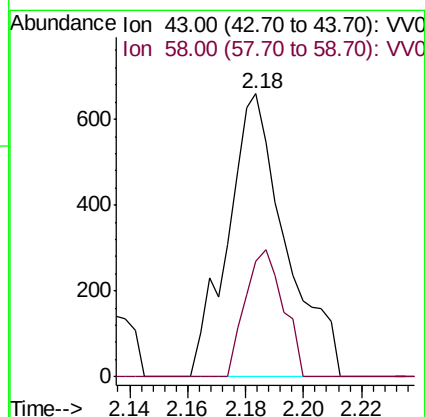
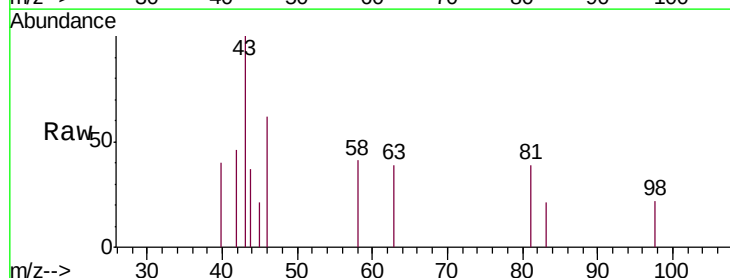
Acq: 09 Aug 2019 23:14

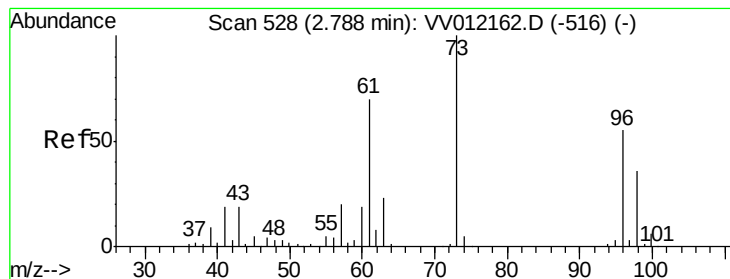
Tgt Ion: 43 Resp: 914

Ion Ratio Lower Upper

43 100

58 29.3 0.0 63.4





#17

trans-1,2-Dichloroethene

Concen: 1.843 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV012168.D

Acq: 09 Aug 2019 23:14

Instrument :

MSVOA_V

ClientSampled :

F2B08

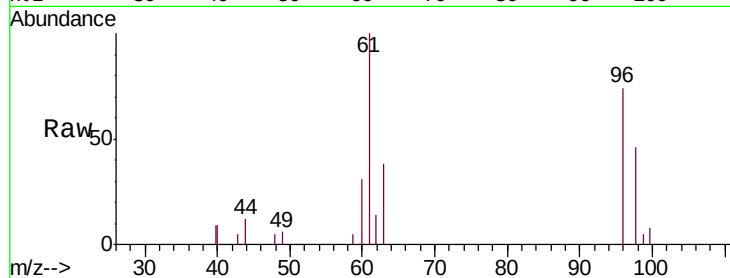
Tgt Ion: 96 Resp: 3024

Ion Ratio Lower Upper

96 100

61 135.5 89.3 165.9

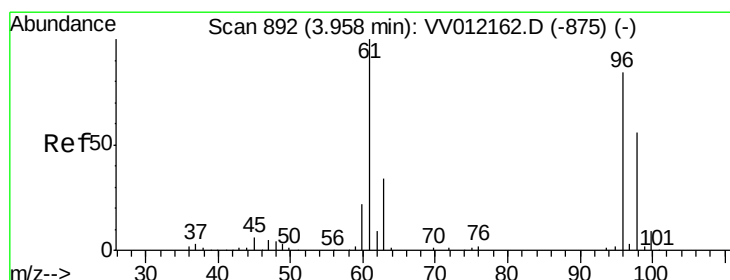
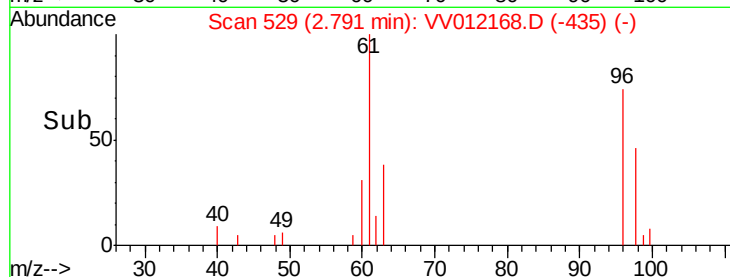
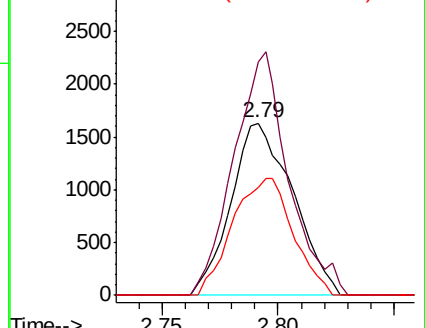
98 62.3 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 4.986 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV012168.D

Acq: 09 Aug 2019 23:14

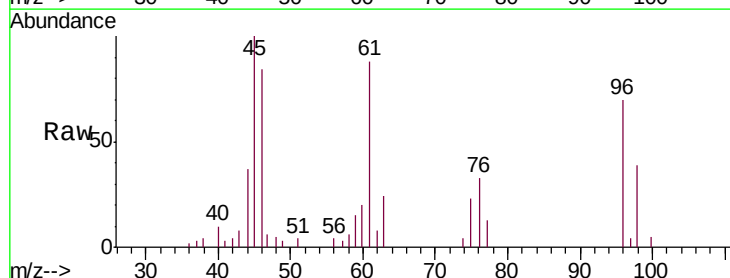
Tgt Ion: 96 Resp: 9293

Ion Ratio Lower Upper

96 100

61 125.7 82.9 153.9

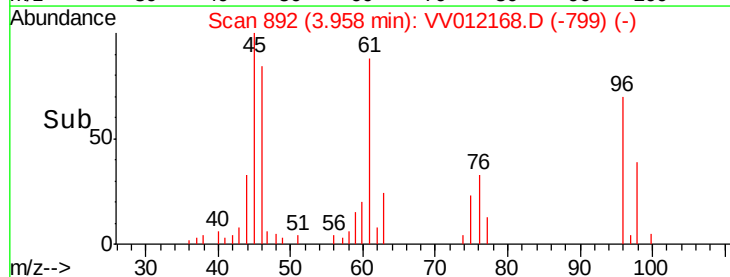
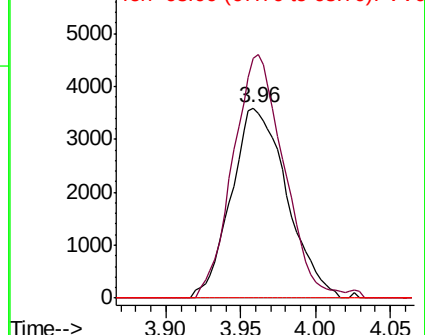
68 0.0 0.0 0.0

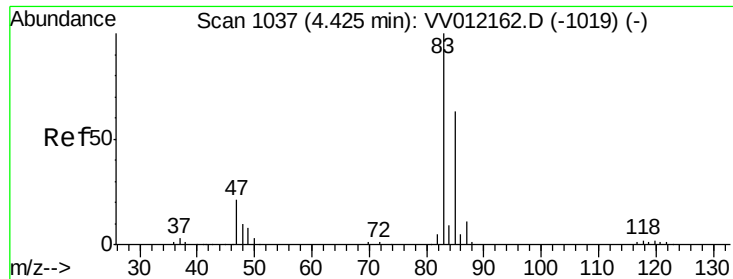


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

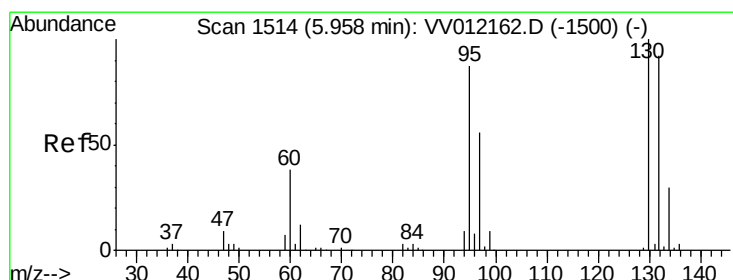
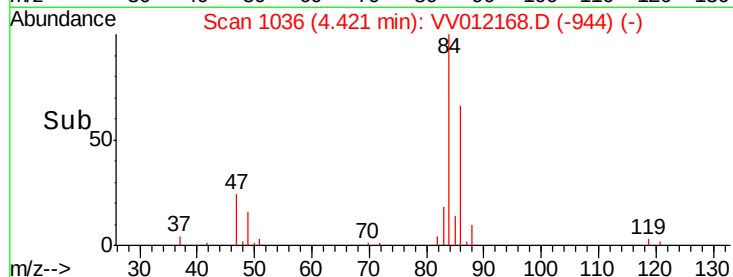
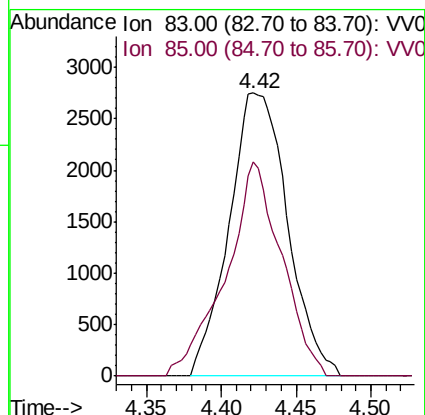
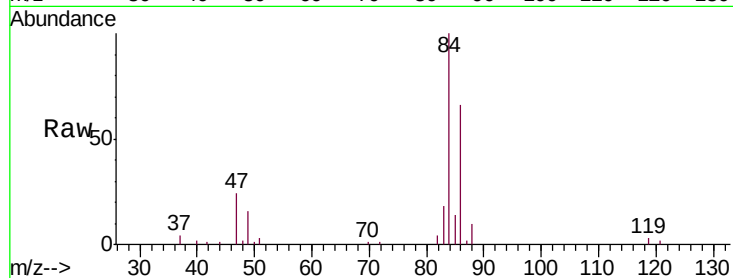




#25
Chloroform
Concen: 2.318 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012168.D
Acq: 09 Aug 2019 23:14

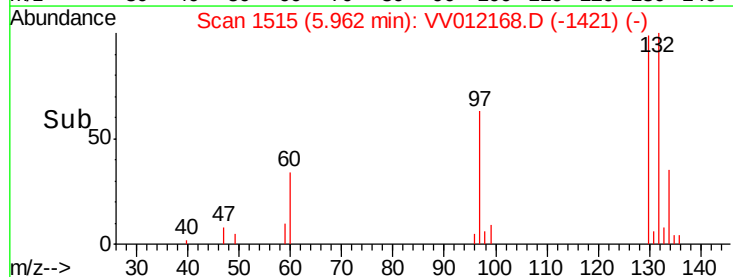
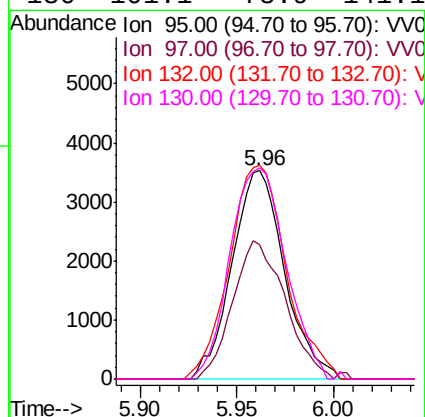
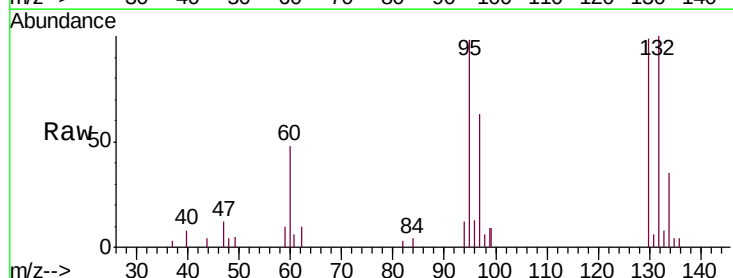
Instrument :
MSVOA_V
ClientSampleId :
F2B08

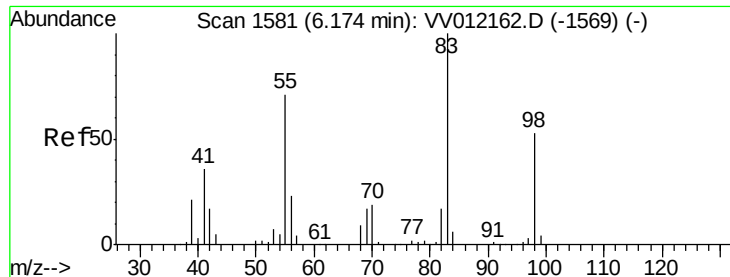
Tgt Ion: 83 Resp: 7510
Ion Ratio Lower Upper
83 100
85 75.8 45.7 84.9



#34
Trichloroethene
Concen: 3.774 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV012168.D
Acq: 09 Aug 2019 23:14

Tgt Ion: 95 Resp: 6679
Ion Ratio Lower Upper
95 100
97 64.4 44.7 83.1
132 102.5 72.7 134.9
130 101.1 75.9 141.1

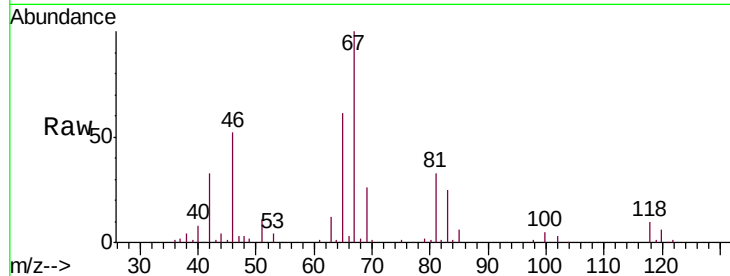




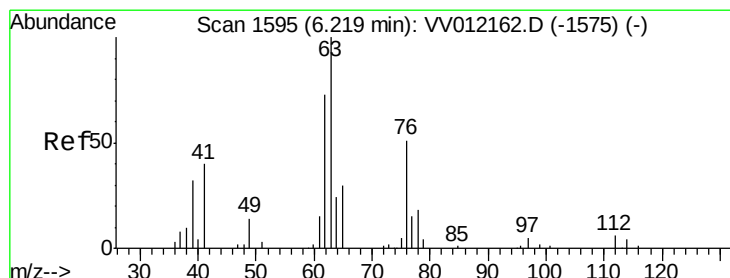
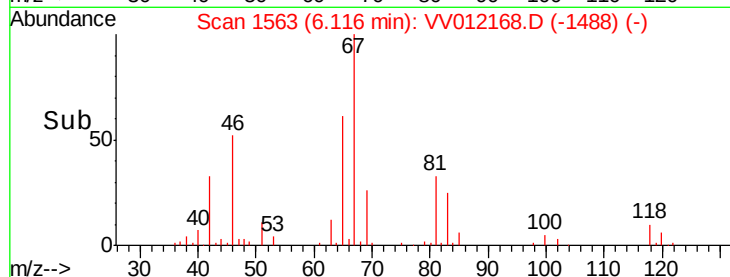
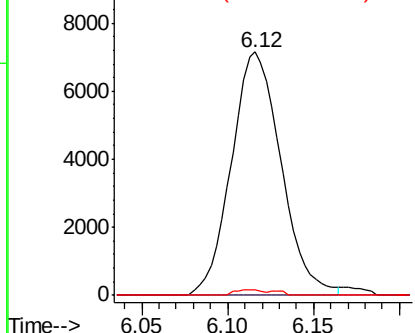
#35
Methylcyclohexane
Concen: 5.206 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012168.D
Acq: 09 Aug 2019 23:14

Instrument :
MSVOA_V
ClientSampleId :
F2B08

Tgt Ion: 83 Resp: 14346
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 1.3 40.7 61.1#

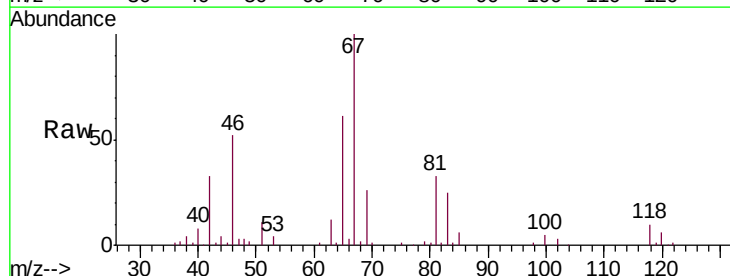


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

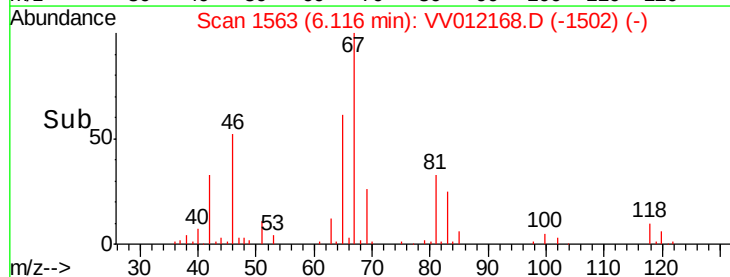
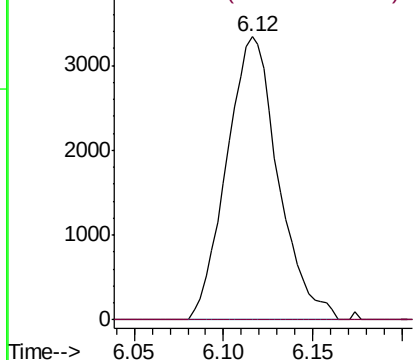


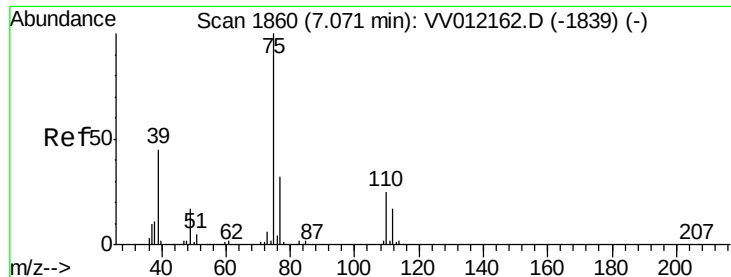
#37
1,2-Dichloropropane
Concen: 4.318 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012168.D
Acq: 09 Aug 2019 23:14

Tgt Ion: 63 Resp: 6733
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

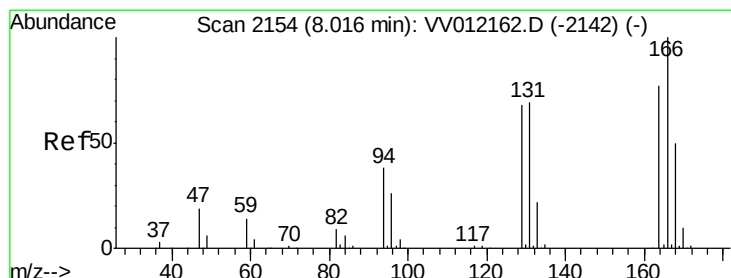
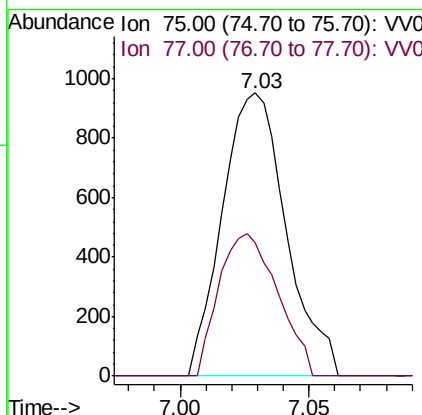
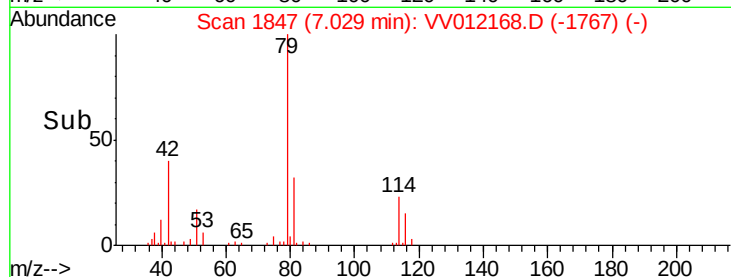
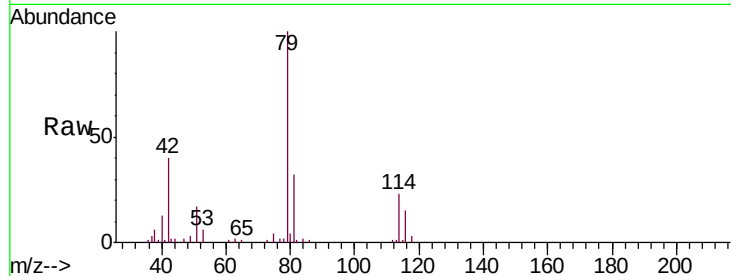




#39
 cis-1,3-Dichloropropene
 Concen: 0.612 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012168.D
 Acq: 09 Aug 2019 23:14

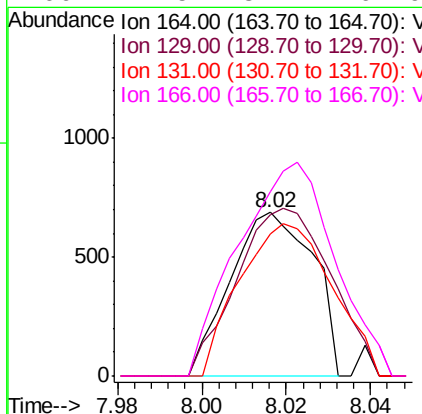
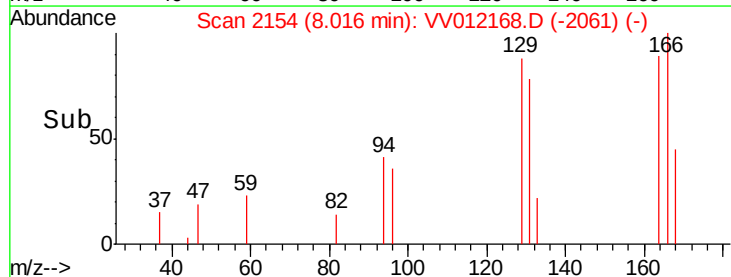
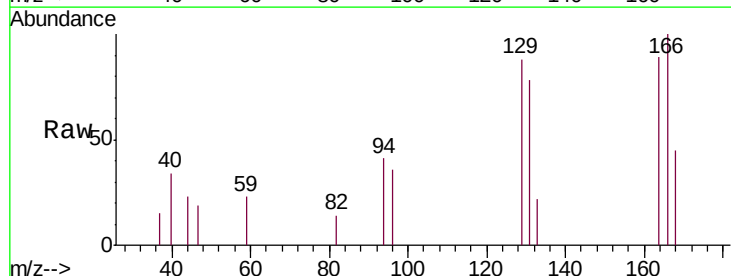
Instrument :
 MSVOA_V
 ClientSampled :
 F2B08

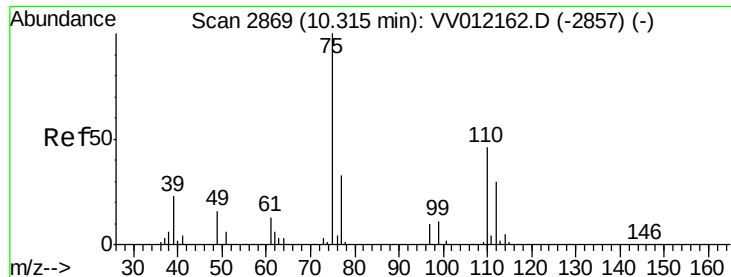
Tgt Ion: 75 Resp: 1647
 Ion Ratio Lower Upper
 75 100
 77 47.1 21.7 40.3#



#46
 Tetrachloroethene
 Concen: 0.555 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV012168.D
 Acq: 09 Aug 2019 23:14

Tgt Ion: 164 Resp: 939
 Ion Ratio Lower Upper
 164 100
 129 99.0 60.6 112.6
 131 87.2 59.5 110.5
 166 112.5 87.2 161.9





#59
 1,2,3-Trichloropropane
 Concen: 5.010 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.97 min
 Lab File: VV012168.D
 Acq: 09 Aug 2019 23:14

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B08

Tgt Ion: 75 Resp: 10541
 Ion Ratio Lower Upper
 75 100
 77 36.9 26.3 39.5

