

Data File : VV012192.D
Acq On : 11 Aug 2019 14:45
Operator : SY/MD
Sample : K4248-07DL 40X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B14DL

Quant Time: Aug 12 01:38:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 01:34:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	345893	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	331129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162010	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67427	52.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.98%
7) Chloroethane-d5	1.58	69	46583	57.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.82%
11) 1,1-Dichloroethene-d2	2.13	63	91439	38.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.02%
21) 2-Butanone-d5	3.93	46	71212	113.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.18%
24) Chloroform-d	4.40	84	118728	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
26) 1,2-Dichloroethane-d4	5.08	65	72993	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
32) Benzene-d6	5.10	84	250917	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
36) 1,2-Dichloropropane-d6	6.12	67	71013	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.70%
41) Toluene-d8	7.36	98	224332	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%
43) trans-1,3-Dichloropropene-	7.66	79	33879	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
47) 2-Hexanone-d5	8.13	63	49181	92.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.05%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92389	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	11.67	152	91864	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%

Target Compounds

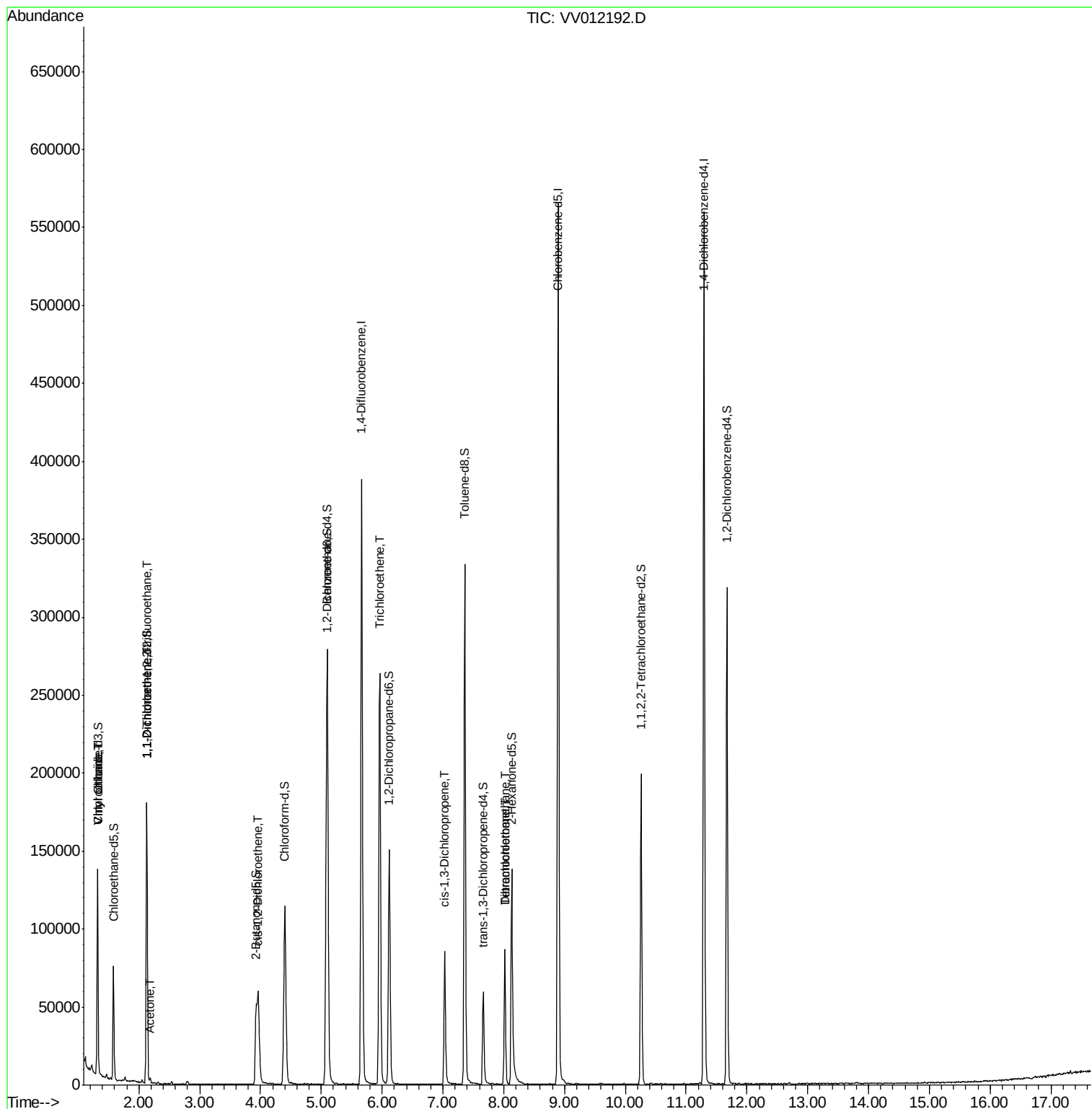
						Qvalue
5) Vinyl chloride	1.32	62	17183	8.985	ug/L	97
8) Chloroethane	1.32	64	6956	6.944	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	905	0.594	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	931	0.663	ug/L #	1
13) Acetone	2.19	43	600	0.657	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	28822	12.391	ug/L	96
34) Trichloroethene	5.96	95	87995	38.518	ug/L	94
39) cis-1,3-Dichloropropene	7.03	75	2001	0.576	ug/L #	62
46) Tetrachloroethene	8.02	164	19997	9.157	ug/L	94
49) Dibromochloromethane	8.02	129	17388	6.164	ug/L #	11

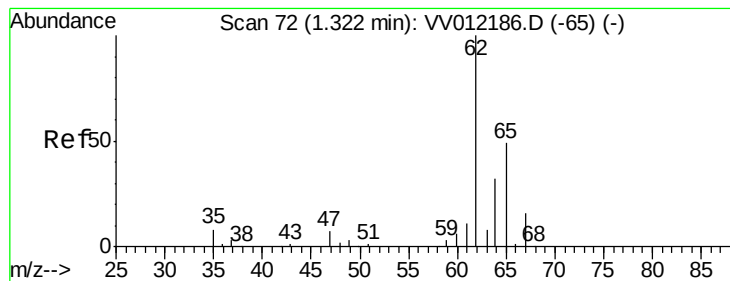
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 12 01:34:49 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.985 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 11 Aug 2019 14:45

Instrument :

MSVOA_V

ClientSampleID :

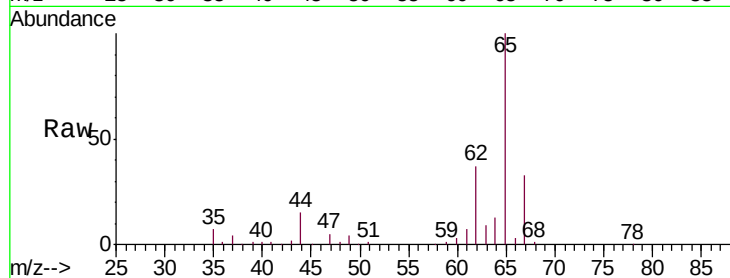
F2B14DL

Tgt Ion: 62 Resp: 17183

Ion Ratio Lower Upper

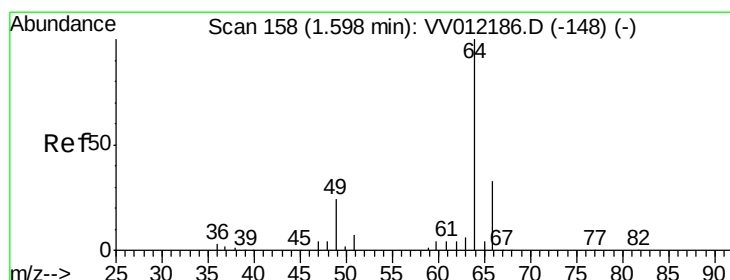
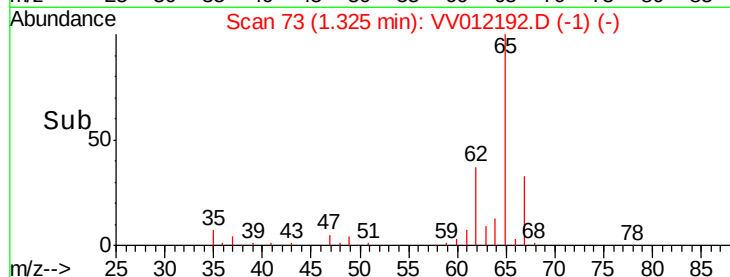
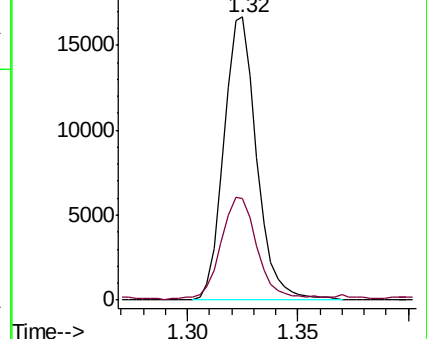
62 100

64 35.8 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#8

Chloroethane

Concen: 6.944 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV012192.D

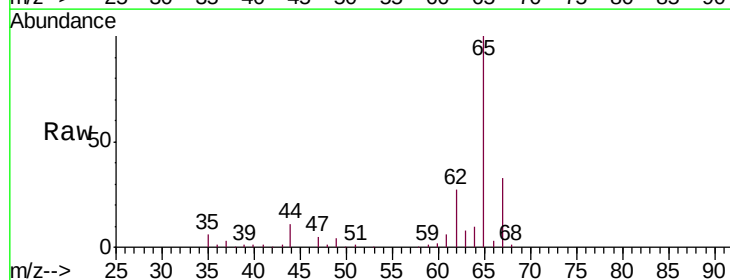
Acq: 11 Aug 2019 14:45

Tgt Ion: 64 Resp: 6956

Ion Ratio Lower Upper

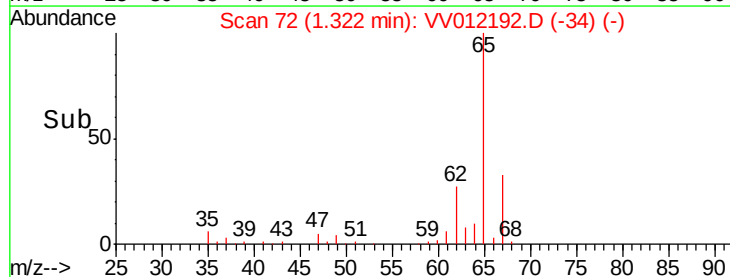
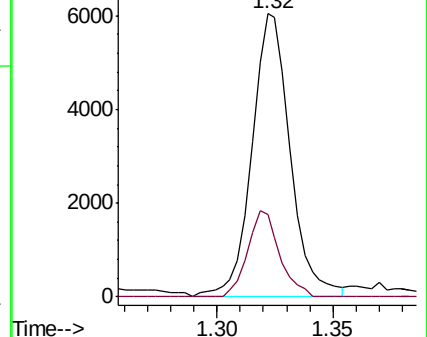
64 100

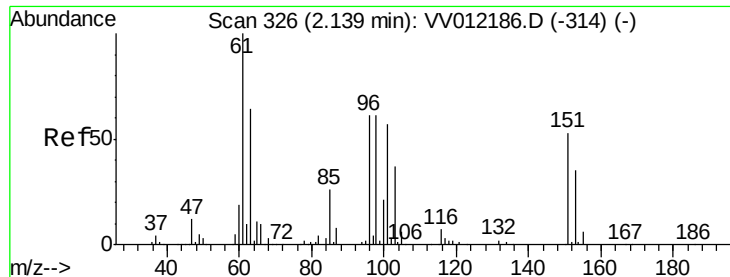
66 29.3 22.9 42.5



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0





#10

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

Concen: 0.594 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012192.D

Acq: 11 Aug 2019 14:45

Instrument :

MSVOA_V

ClientSampleId :

F2B14DL

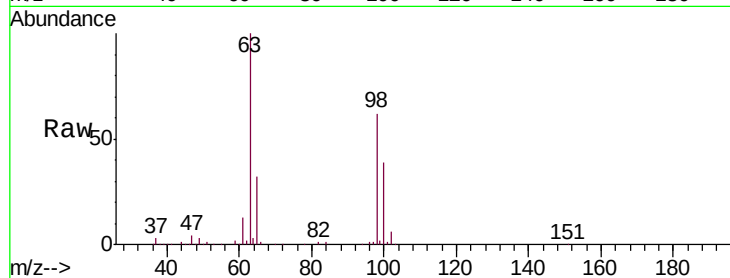
Tgt Ion: 101 Resp: 905

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

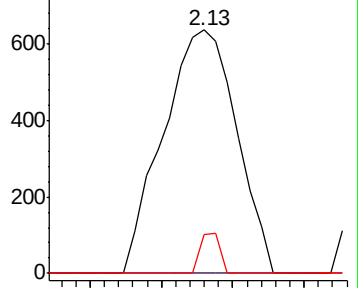
151 4.4 71.8 107.8#



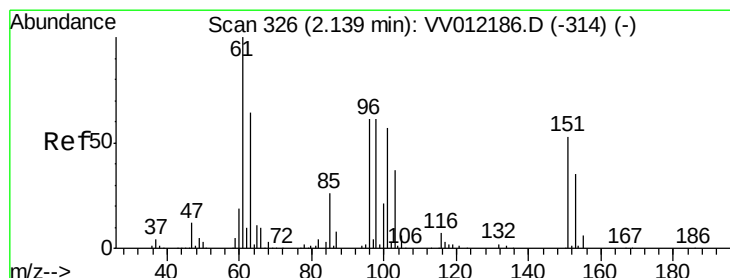
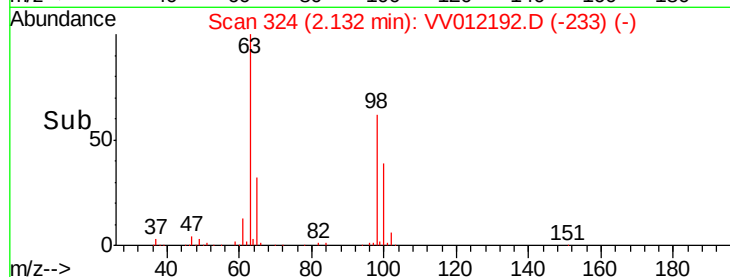
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.663 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012192.D

Acq: 11 Aug 2019 14:45

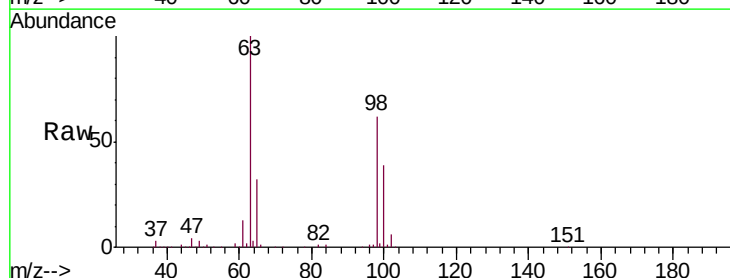
Tgt Ion: 96 Resp: 931

Ion Ratio Lower Upper

96 100

61 1205.2 115.1 213.8#

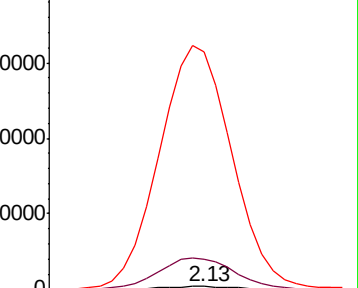
63 9375.5 83.9 155.7#



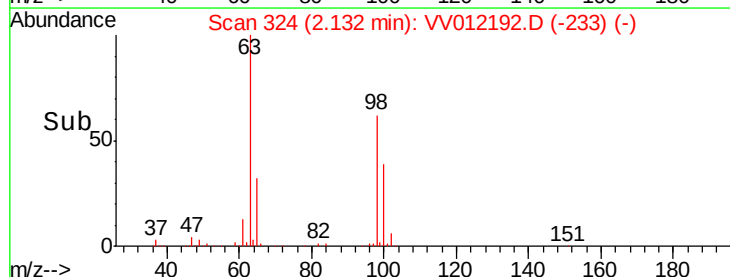
Abundance Ion 96.00 (95.70 to 96.70): VV0

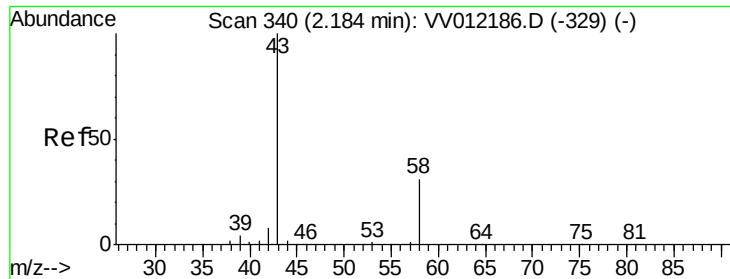
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->





#13

Acetone

Concen: 0.657 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV012192.D

Acq: 11 Aug 2019 14:45

Instrument :

MSVOA_V

ClientSampled :

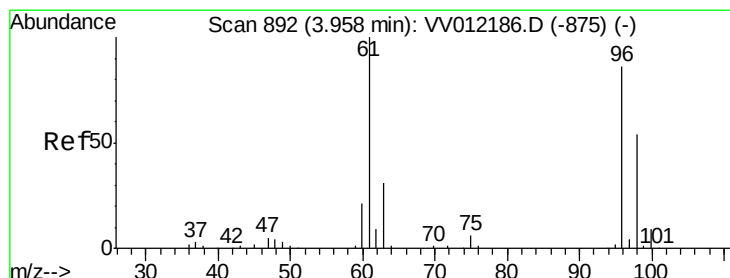
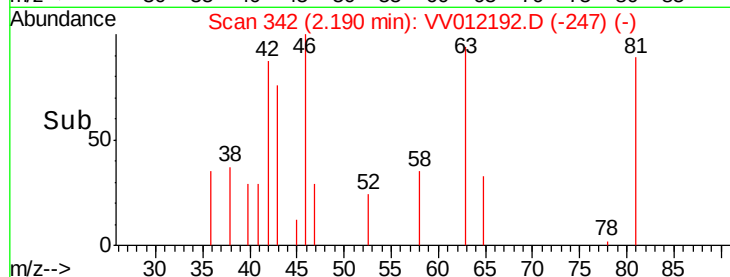
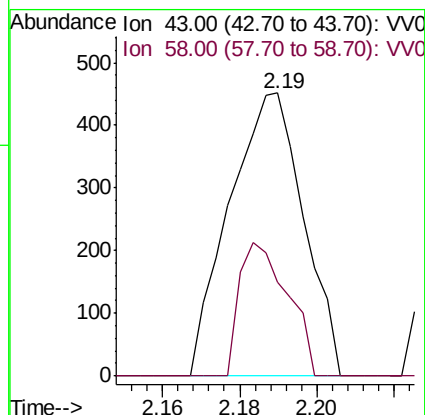
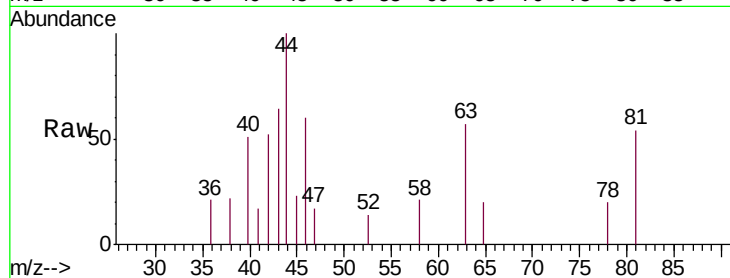
F2B14DL

Tgt Ion: 43 Resp: 600

Ion Ratio Lower Upper

43 100

58 30.7 0.0 63.4



#20

cis-1,2-Dichloroethene

Concen: 12.391 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012192.D

Acq: 11 Aug 2019 14:45

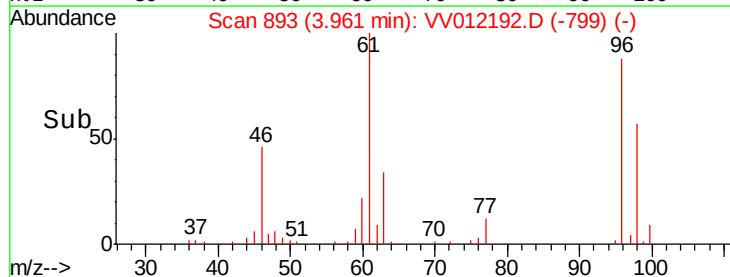
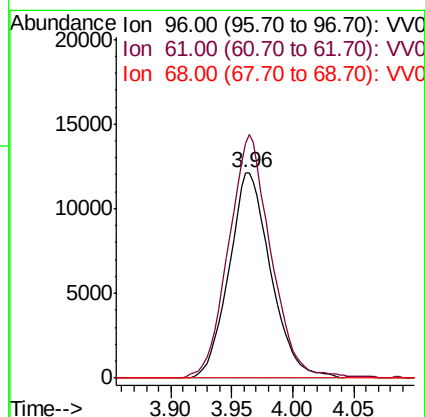
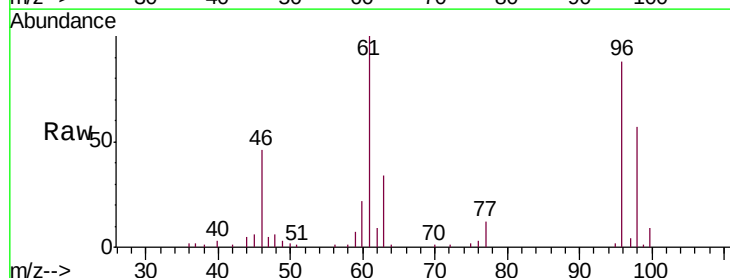
Tgt Ion: 96 Resp: 28822

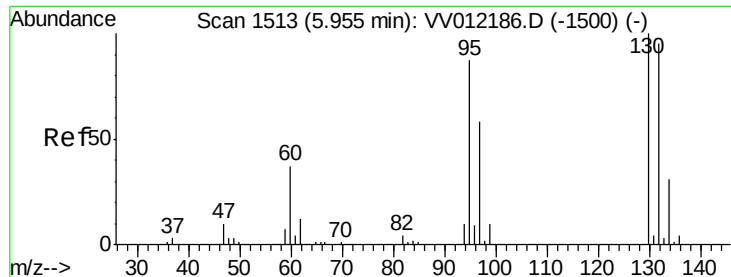
Ion Ratio Lower Upper

96 100

61 114.3 82.9 153.9

68 0.0 0.0 0.0

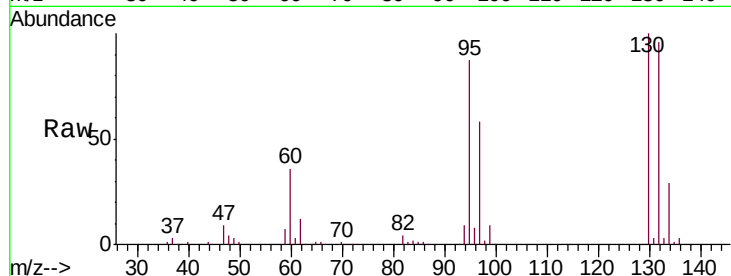




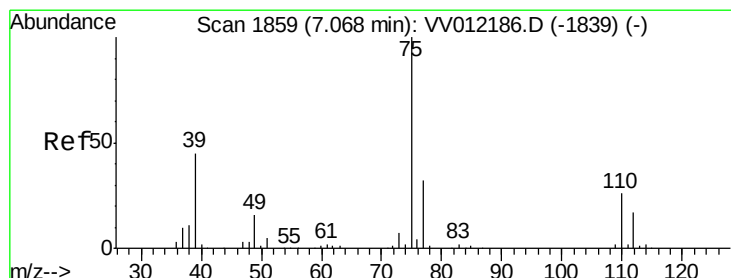
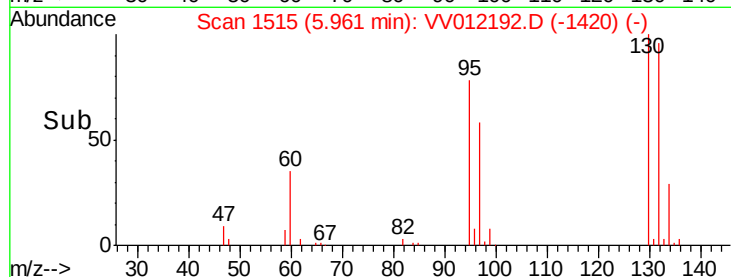
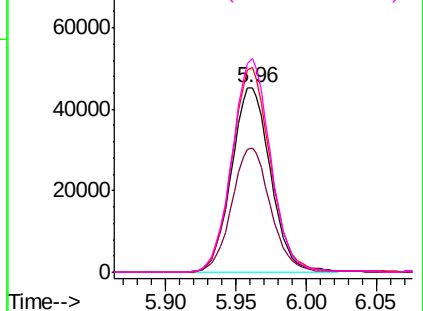
#34
 Trichloroethene
 Concen: 38.518 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: VV012192.D
 Acq: 11 Aug 2019 14:45

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B14DL

Tgt Ion: 95 Resp: 87995
 Ion Ratio Lower Upper
 95 100
 97 67.1 44.7 83.1
 132 111.0 72.7 134.9
 130 115.5 75.9 141.1

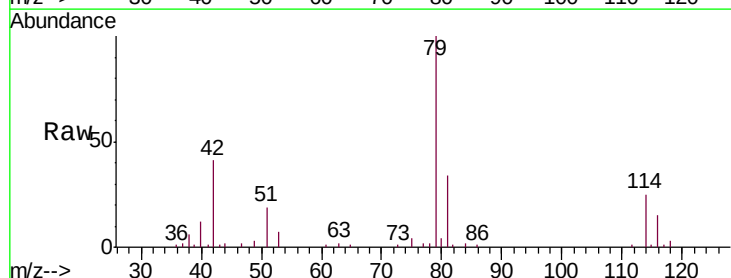


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

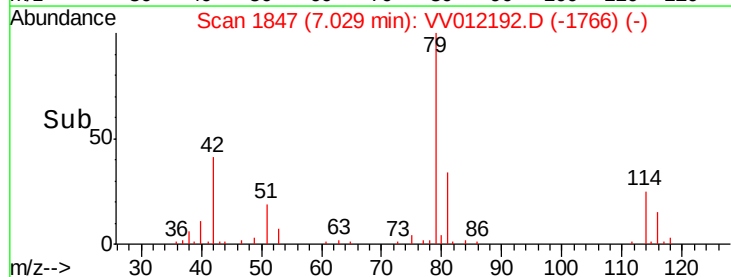
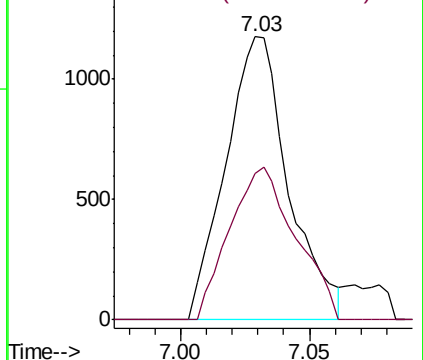


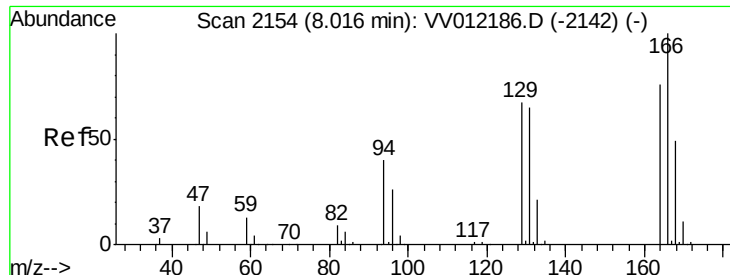
#39
 cis-1,3-Dichloropropene
 Concen: 0.576 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012192.D
 Acq: 11 Aug 2019 14:45

Tgt Ion: 75 Resp: 2001
 Ion Ratio Lower Upper
 75 100
 77 51.9 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 9.157 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012192.D

Acq: 11 Aug 2019 14:45

Instrument :

MSVOA_V

ClientSampleId :

F2B14DL

Tgt Ion:164 Resp: 19997

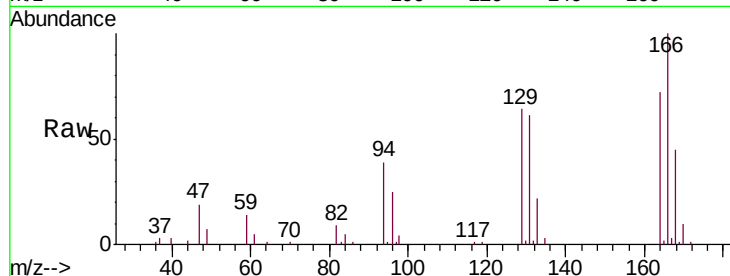
Ion Ratio Lower Upper

164 100

129 88.0 60.6 112.6

131 84.7 59.5 110.5

166 138.0 87.2 161.9

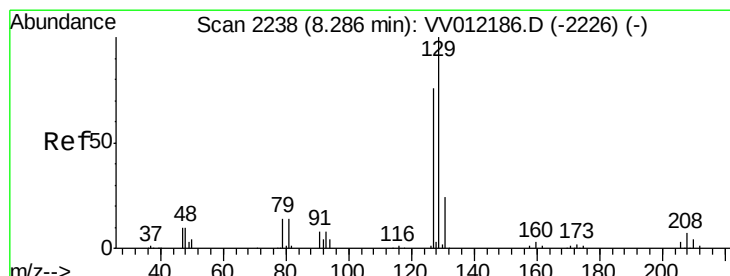
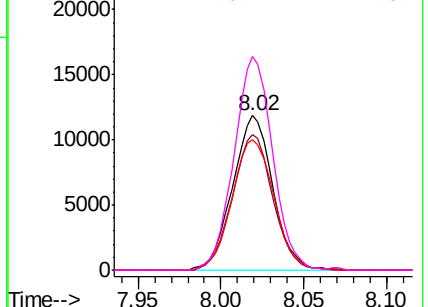
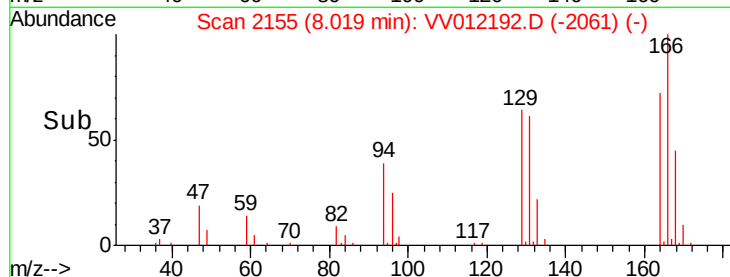


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 6.164 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV012192.D

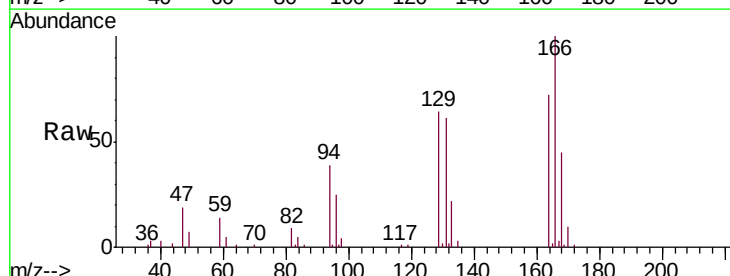
Acq: 11 Aug 2019 14:45

Tgt Ion:129 Resp: 17388

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

