

Data File : VV012194.D
Acq On : 11 Aug 2019 15:33
Operator : SY/MD
Sample : K4248-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B29

Quant Time: Aug 12 01:38:56 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	5.66	114	475579	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	454814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	201277	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110245	63.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.02%
7) Chloroethane-d5	1.58	69	79452	71.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	142.44%#
11) 1,1-Dichloroethene-d2	2.13	63	145417	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
21) 2-Butanone-d5	3.94	46	34951	40.40	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	40.40%
24) Chloroform-d	4.40	84	133140	36.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.26%
26) 1,2-Dichloroethane-d4	5.08	65	97131	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
32) Benzene-d6	5.10	84	357461	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
36) 1,2-Dichloropropane-d6	6.12	67	104191	54.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.64%
41) Toluene-d8	7.36	98	302040	44.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.94%
43) trans-1,3-Dichloropropene-	7.66	79	44051	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.76%
47) 2-Hexanone-d5	8.13	63	66587	90.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	132054	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	11.67	152	113297	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%

Target Compounds

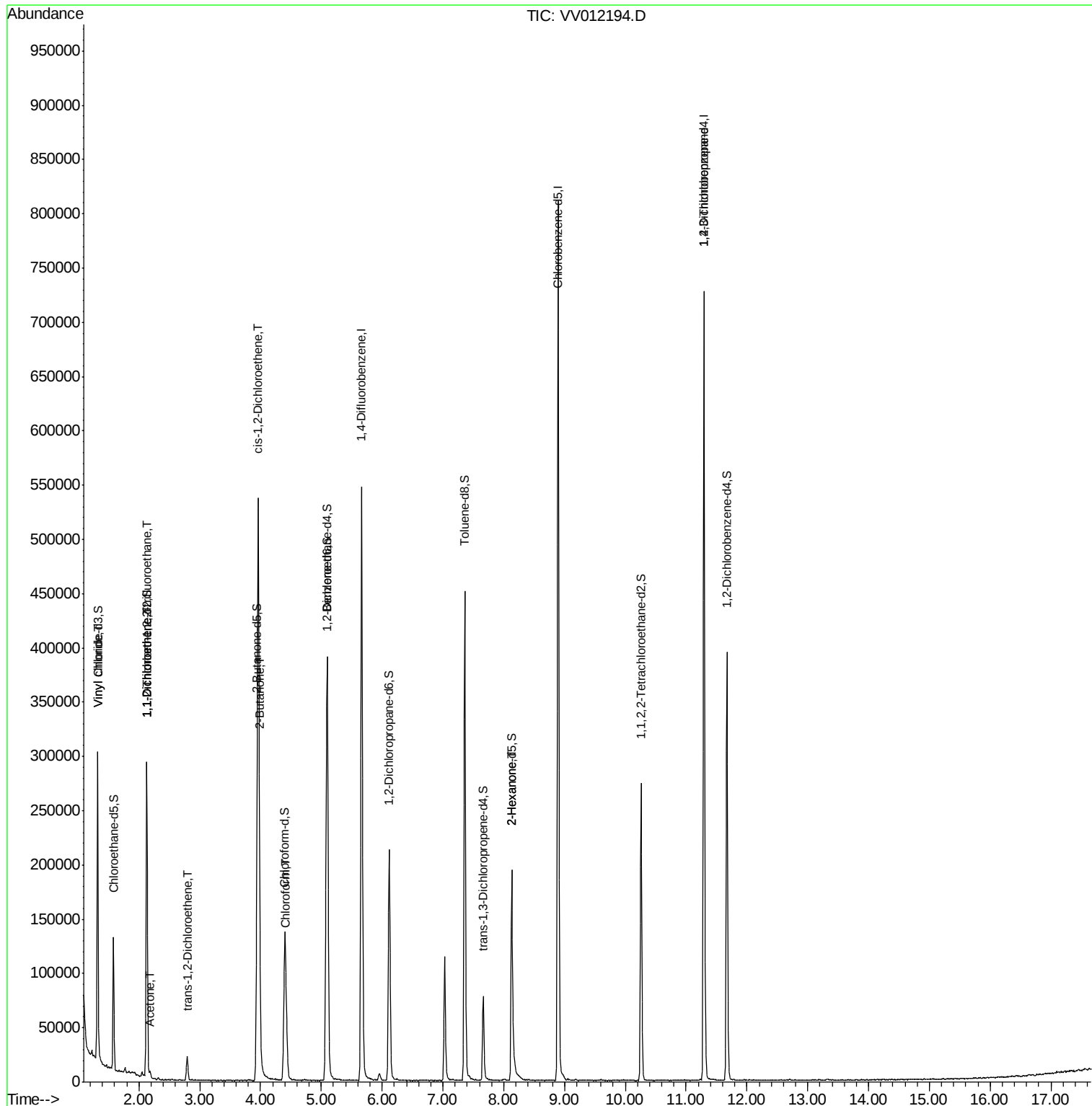
						Qvalue
5) Vinyl chloride	1.33	62	77527	29.485	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1570	0.749	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	2260	1.171	ug/L #	1
13) Acetone	2.19	43	1199	0.954	ug/L	84
17) trans-1,2-Dichloroethene	2.79	96	8492	3.017	ug/L	95
20) cis-1,2-Dichloroethene	3.96	96	291327	91.094	ug/L	96
22) 2-Butanone	3.99	43	10067	5.381	ug/L	93
25) Chloroform	4.43	83	33430	6.013	ug/L	97
48) 2-Hexanone	8.13	43	9138	3.404	ug/L #	72
59) 1,2,3-Trichloropropane	11.29	75	20745	5.560	ug/L	92

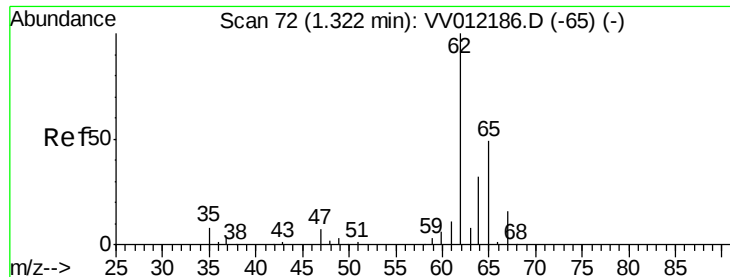
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012194.D
Acq On : 11 Aug 2019 15:33
Operator : SY/MD
Sample : K4248-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B29

Quant Time: Aug 12 01:38:56 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





#5

Vinyl chloride

Concen: 29.485 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV012194.D

Acq: 11 Aug 2019 15:33

Instrument :

MSVOA_V

ClientSampleId :

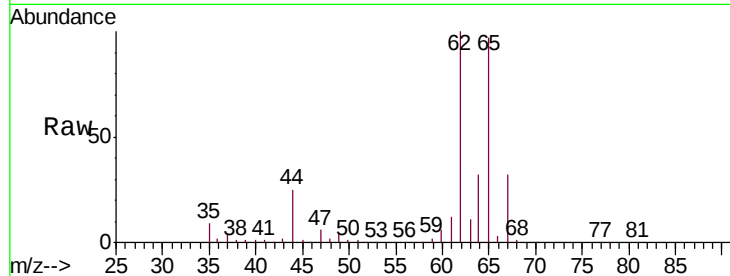
F2B29

Tgt Ion: 62 Resp: 77527

Ion Ratio Lower Upper

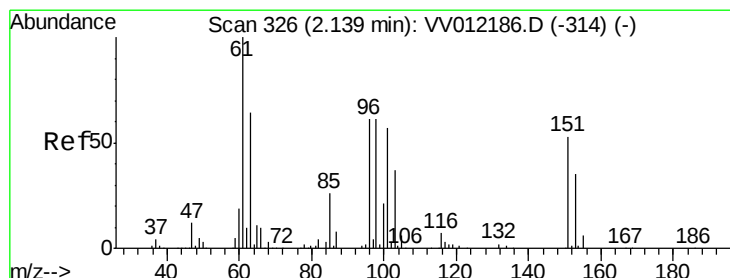
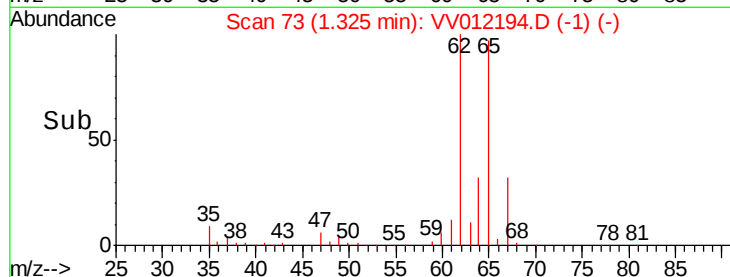
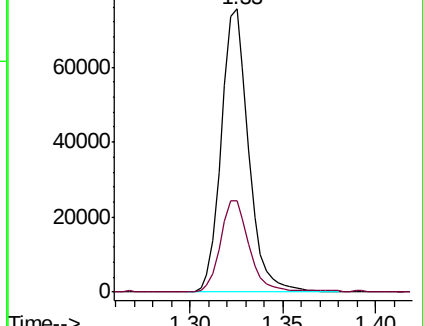
62 100

64 32.5 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VV012186.D (-65) (-)

Ion 64.00 (63.70 to 64.70): VV012186.D (-65) (-)



#10

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

Concen: 0.749 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012194.D

Acq: 11 Aug 2019 15:33

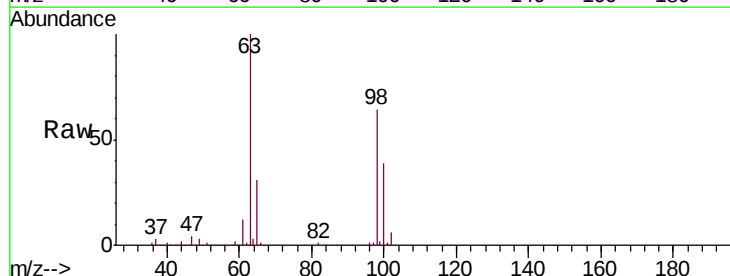
Tgt Ion: 101 Resp: 1570

Ion Ratio Lower Upper

101 100

85 6.2 33.6 50.4#

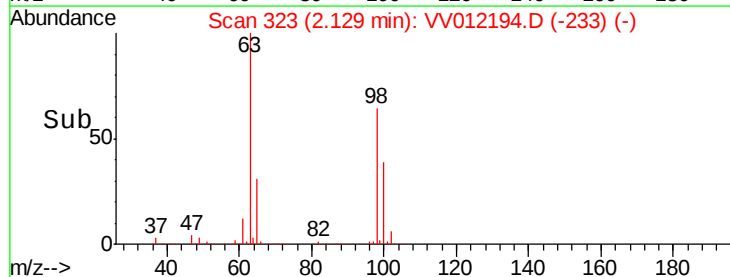
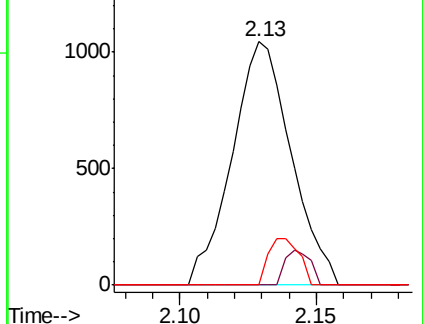
151 10.1 71.8 107.8#

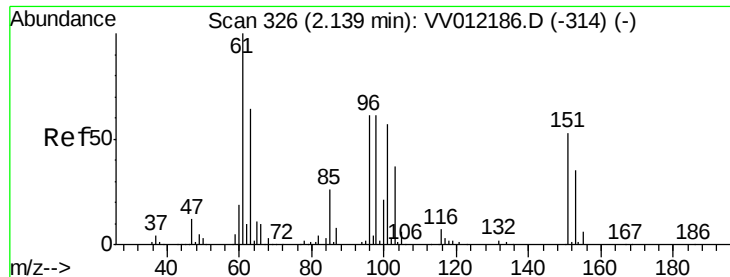


Abundance Ion 101.00 (100.70 to 101.70): VV012194.D (-233) (-)

Ion 85.00 (84.70 to 85.70): VV012194.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV012194.D (-233) (-)

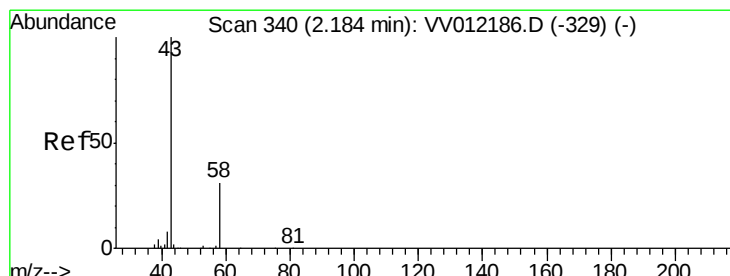
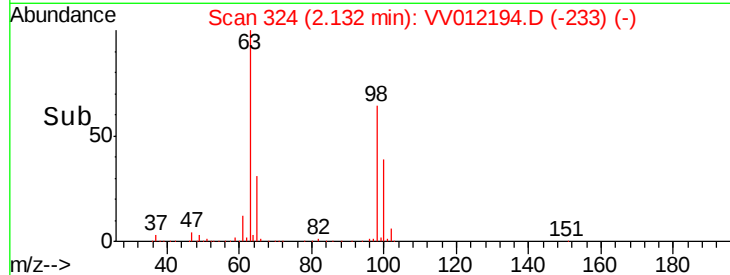
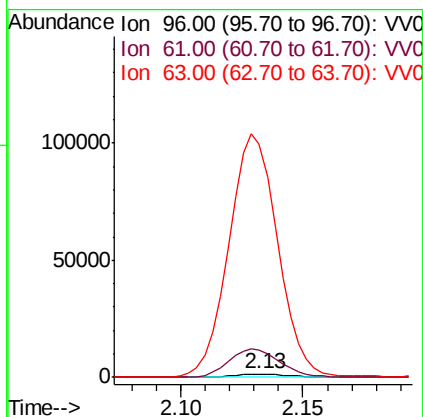
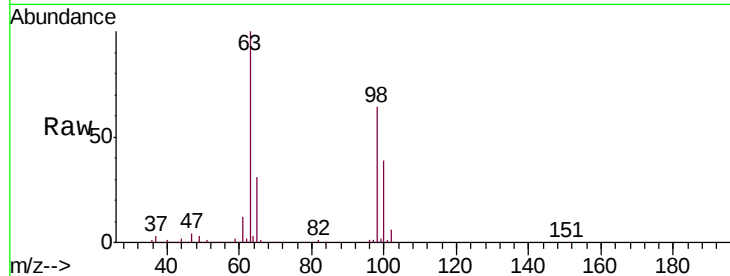




#12
 1,1-Dichloroethene
 Concen: 1.171 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV012194.D
 Acq: 11 Aug 2019 15:33

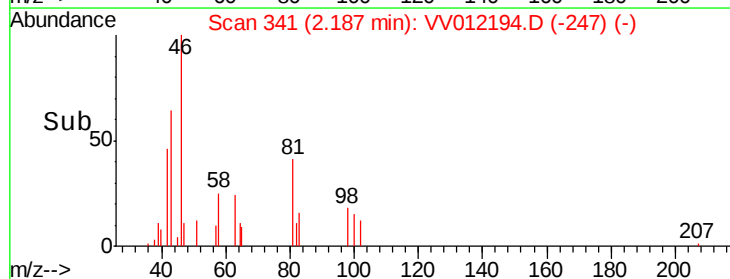
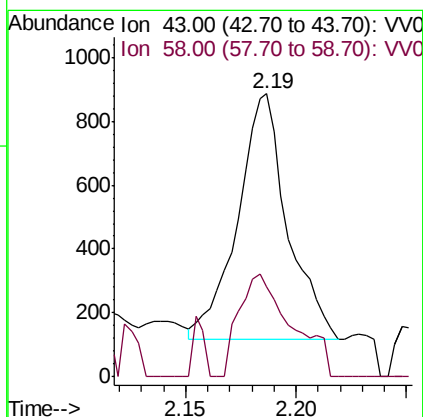
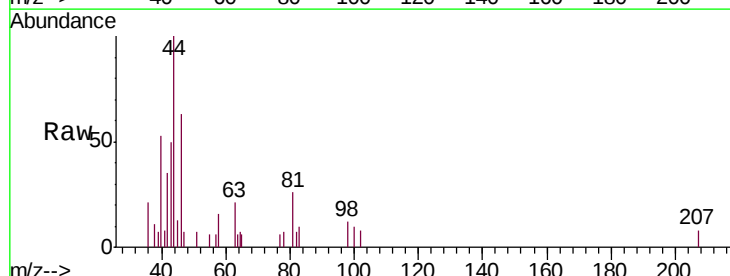
Instrument :
 MSVOA_V
 ClientSampled :
 F2B29

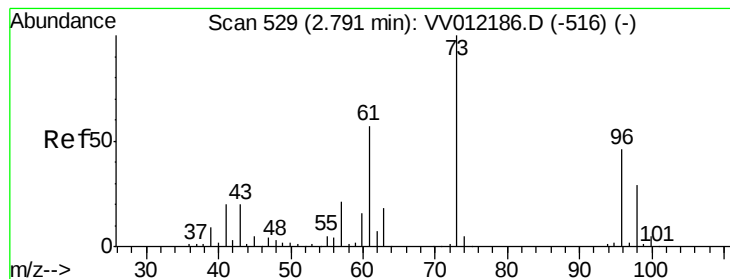
Tgt Ion: 96 Resp: 2260
 Ion Ratio Lower Upper
 96 100
 61 884.6 115.1 213.8#
 63 7458.9 83.9 155.7#



#13
 Acetone
 Concen: 0.954 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VV012194.D
 Acq: 11 Aug 2019 15:33

Tgt Ion: 43 Resp: 1199
 Ion Ratio Lower Upper
 43 100
 58 40.6 0.0 63.4





#17

trans-1,2-Dichloroethene

Concen: 3.017 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV012194.D

Acq: 11 Aug 2019 15:33

Instrument :

MSVOA_V

ClientSampled :

F2B29

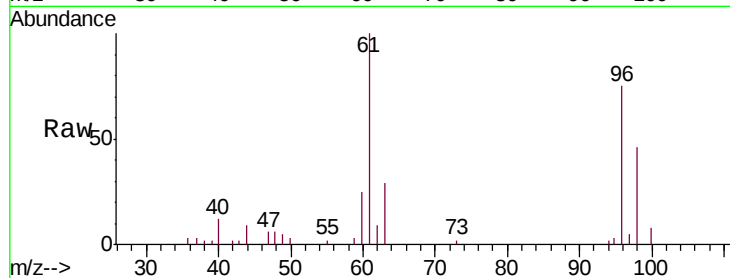
Tgt Ion: 96 Resp: 8492

Ion Ratio Lower Upper

96 100

61 133.5 89.3 165.9

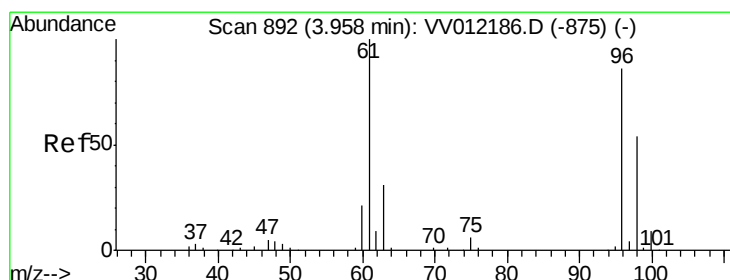
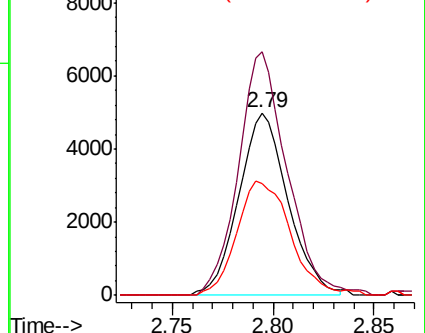
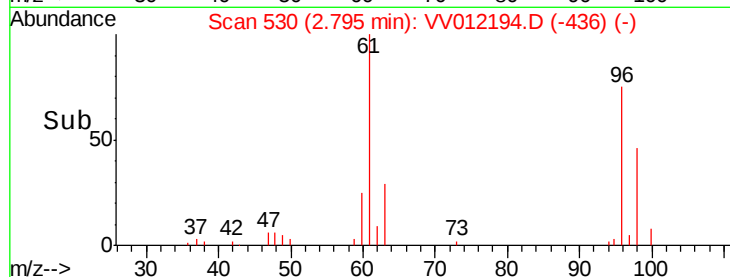
98 61.2 44.7 83.1



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: 91.094 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012194.D

Acq: 11 Aug 2019 15:33

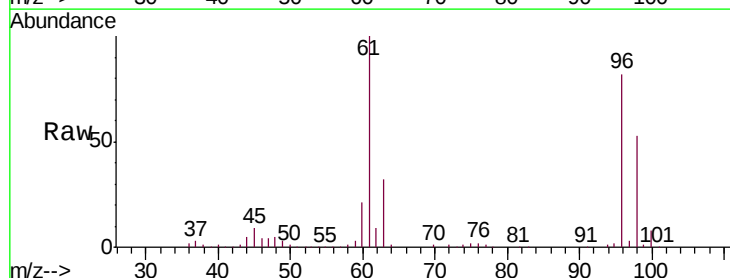
Tgt Ion: 96 Resp: 291327

Ion Ratio Lower Upper

96 100

61 122.3 82.9 153.9

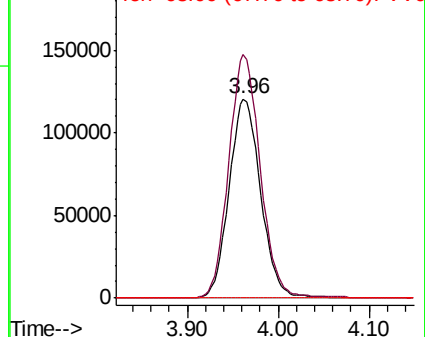
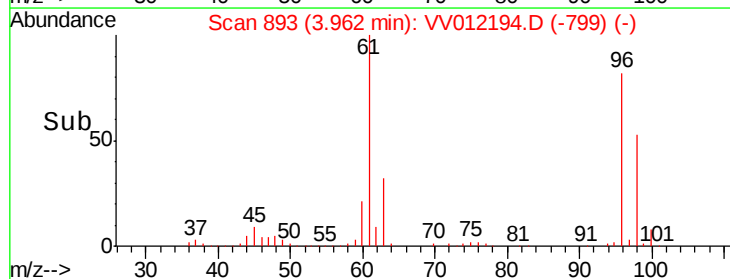
68 0.0 0.0 0.0

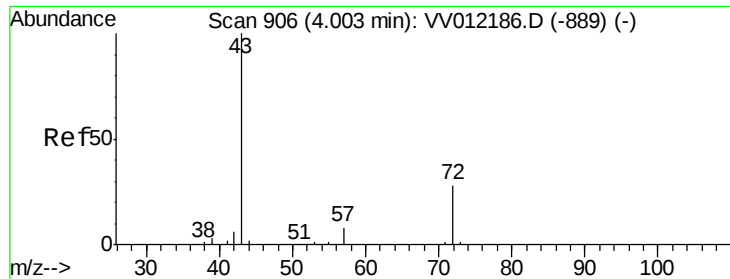


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 5.381 ug/L

RT: 3.99 min Scan# 902

Delta R.T. -0.01 min

Lab File: VV012194.D

Acq: 11 Aug 2019 15:33

Instrument :

MSVOA_V

ClientSampled :

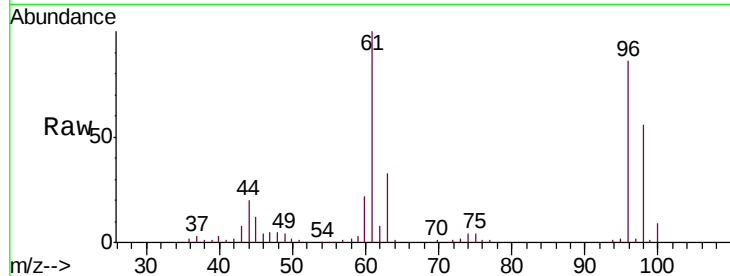
F2B29

Tgt Ion: 43 Resp: 10067

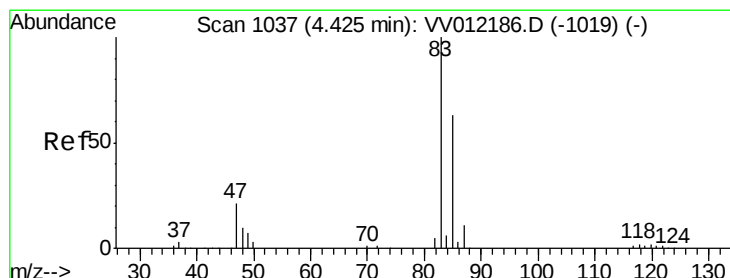
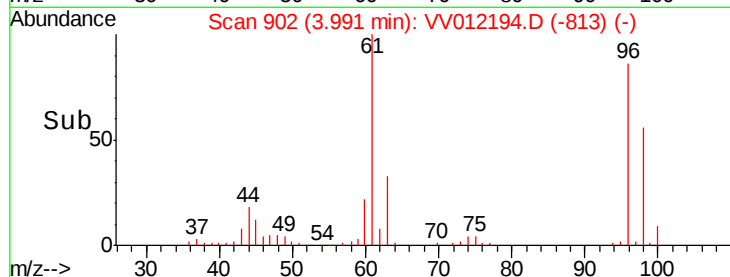
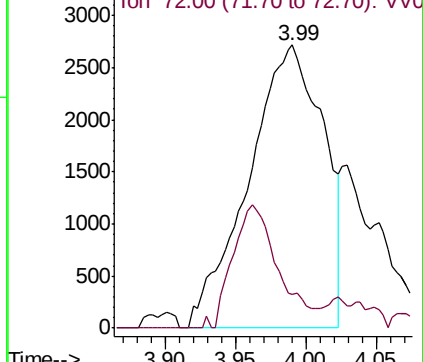
Ion Ratio Lower Upper

43 100

72 24.1 14.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VV012186.D (-889) (-)



#25

Chloroform

Concen: 6.013 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012194.D

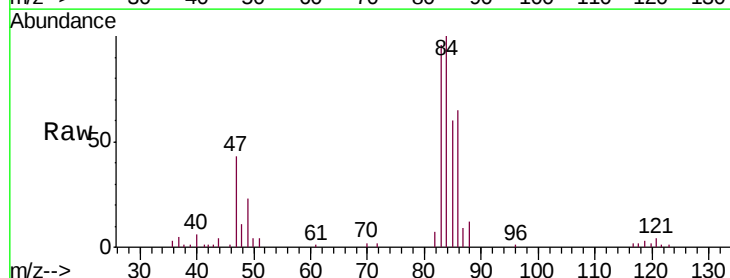
Acq: 11 Aug 2019 15:33

Tgt Ion: 83 Resp: 33430

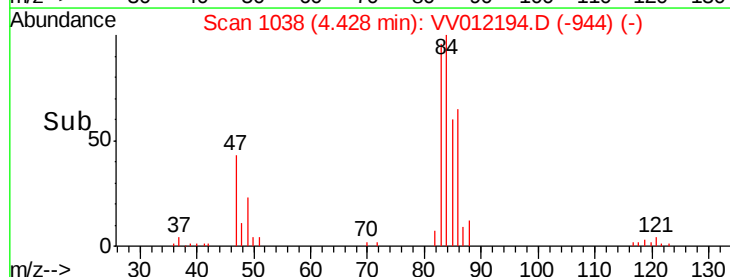
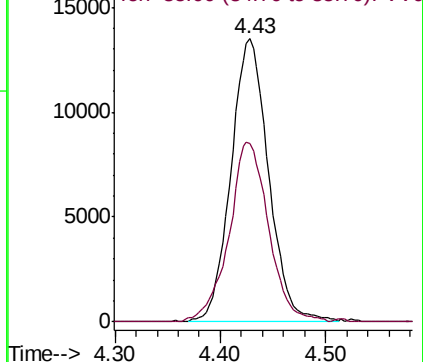
Ion Ratio Lower Upper

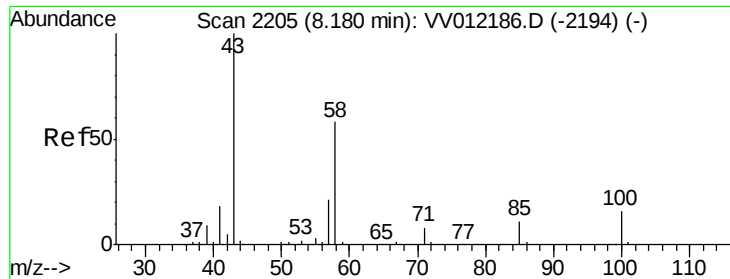
83 100

85 62.8 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV012186.D (-1019) (-)

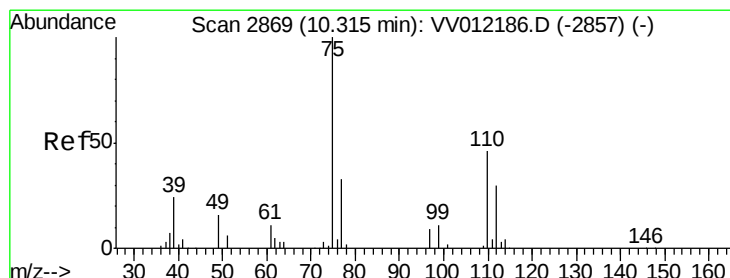
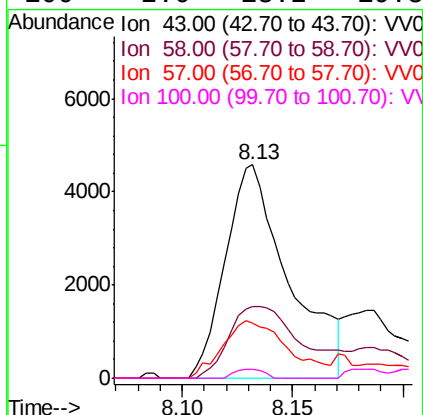
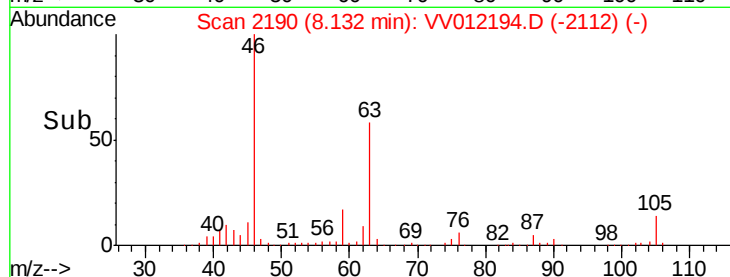
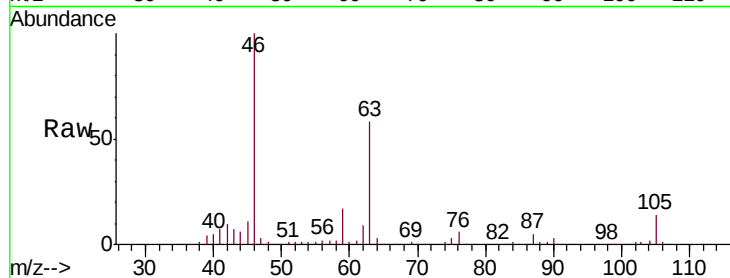




#48
 2-Hexanone
 Concen: 3.404 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV012194.D
 Acq: 11 Aug 2019 15:33

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B29

Tgt Ion: 43 Resp: 9138
 Ion Ratio Lower Upper
 43 100
 58 35.7 47.4 71.0#
 57 27.9 16.8 25.2#
 100 2.0 13.2 19.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.560 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012194.D
 Acq: 11 Aug 2019 15:33

Tgt Ion: 75 Resp: 20745
 Ion Ratio Lower Upper
 75 100
 77 37.4 26.3 39.5

