

Data File : VV012188.D
Acq On : 11 Aug 2019 13:11
Operator : SY/MD
Sample : K4248-06DL 5X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B13DL

Quant Time: Aug 12 01:38:05 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	307155	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	294982	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	146182	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59064	52.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.54%
7) Chloroethane-d5	1.58	69	39890	55.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.72%
11) 1,1-Dichloroethene-d2	2.13	63	81668	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.46%
21) 2-Butanone-d5	3.93	46	26931	48.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	48.20%
24) Chloroform-d	4.40	84	95742	40.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.56%
26) 1,2-Dichloroethane-d4	5.08	65	67892	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
32) Benzene-d6	5.09	84	227595	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	6.11	67	60928	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.94%
41) Toluene-d8	7.36	98	208948	47.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.92%
43) trans-1,3-Dichloropropene-	7.66	79	31214	46.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.60%
47) 2-Hexanone-d5	8.13	63	38168	80.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.19%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	81530	47.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	86627	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

Target Compounds

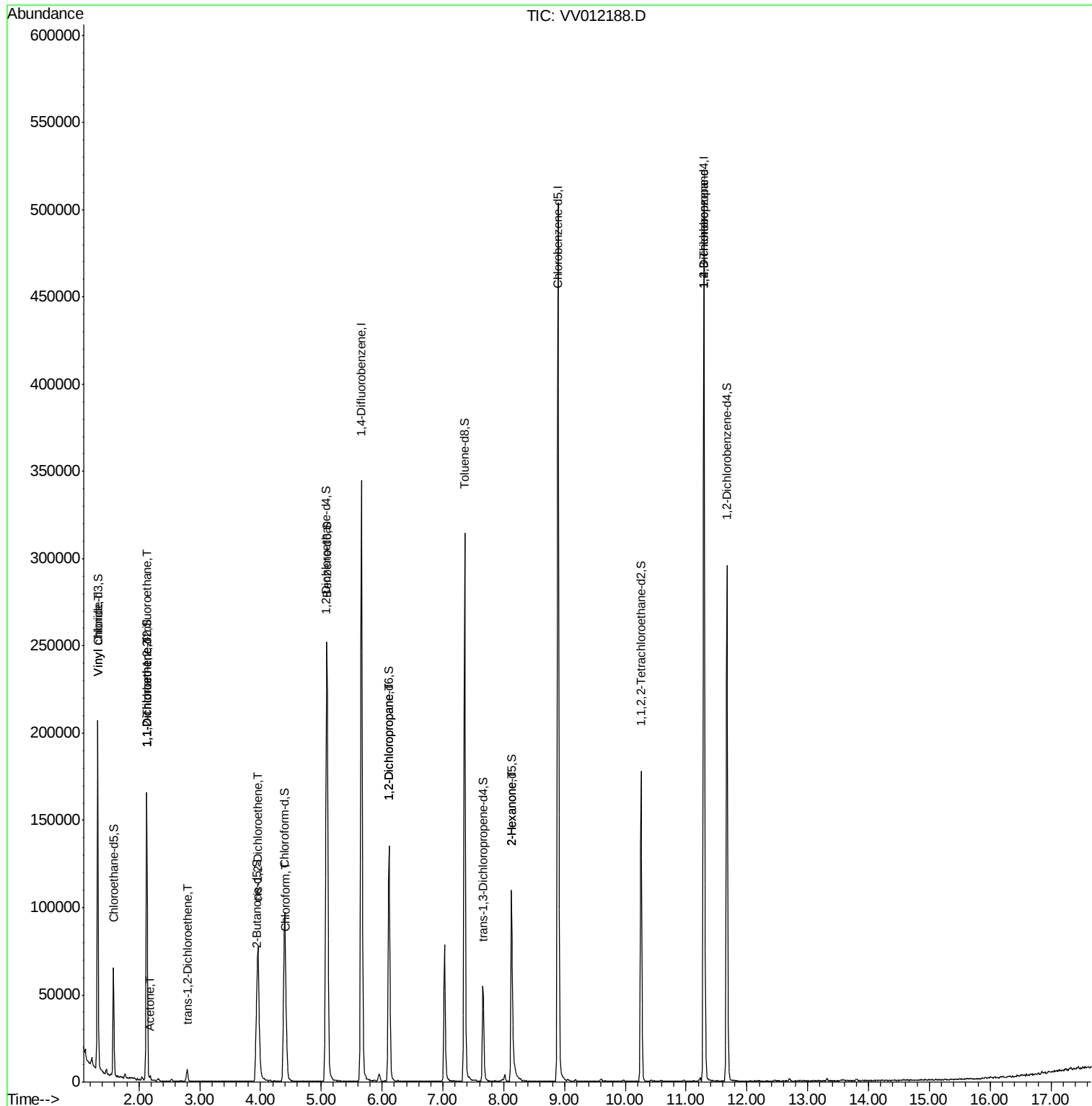
						Qvalue
5) Vinyl chloride	1.32	62	71478	42.090	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	983	0.726	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1046	0.839	ug/L #	1
13) Acetone	2.18	43	888	1.095	ug/L	78
17) trans-1,2-Dichloroethene	2.79	96	2764	1.520	ug/L	84
20) cis-1,2-Dichloroethene	3.96	96	34979	16.935	ug/L	100
25) Chloroform	4.42	83	16195	4.510	ug/L	98
37) 1,2-Dichloropropane	6.11	63	7210	4.020	ug/L #	84
48) 2-Hexanone	8.13	43	5263	3.022	ug/L #	66
59) 1,2,3-Trichloropropane	11.29	75	13784	5.696	ug/L	93

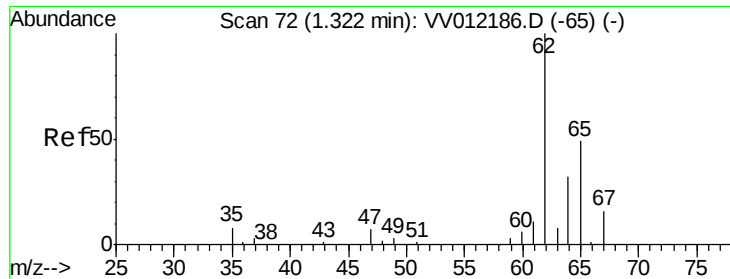
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 42.090 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV012188.D

Acq: 11 Aug 2019 13:11

Instrument :

MSVOA_V

ClientSampleId :

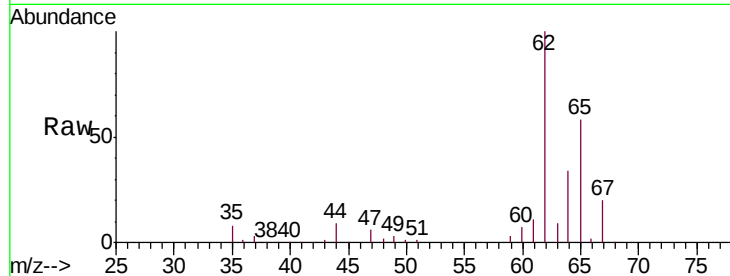
F2B13DL

Tgt Ion: 62 Resp: 71478

Ion Ratio Lower Upper

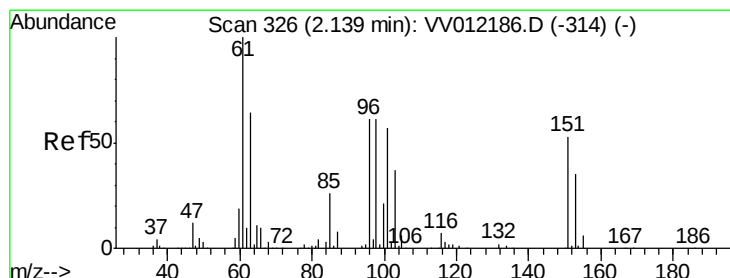
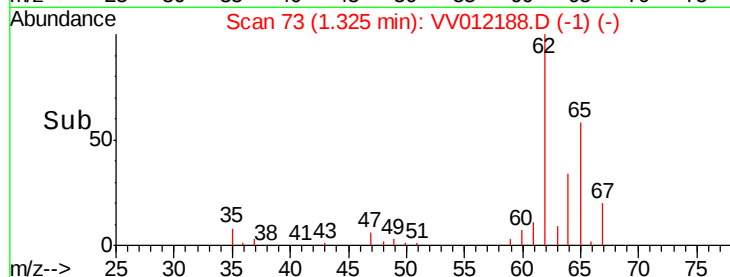
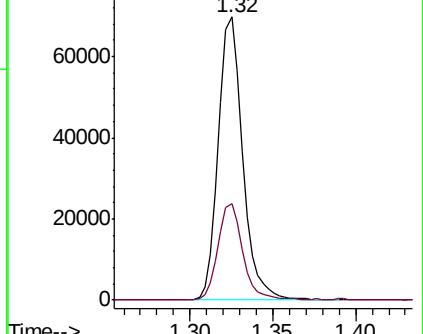
62 100

64 34.3 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: 0.726 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012188.D

Acq: 11 Aug 2019 13:11

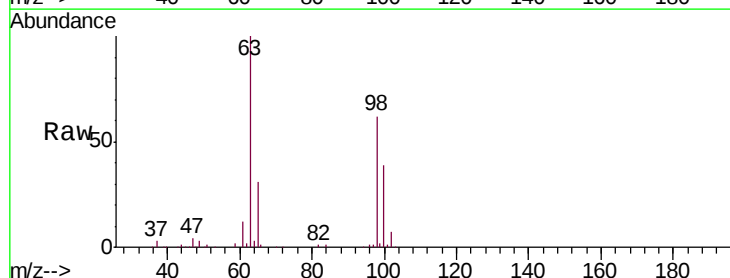
Tgt Ion: 101 Resp: 983

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

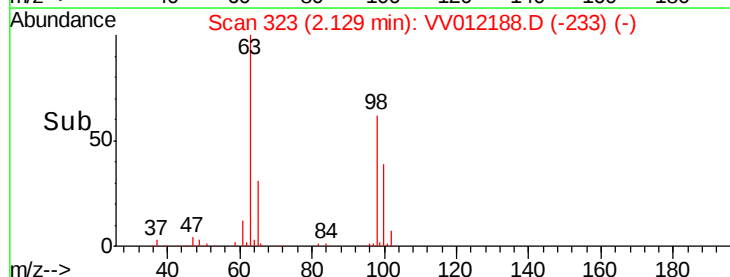
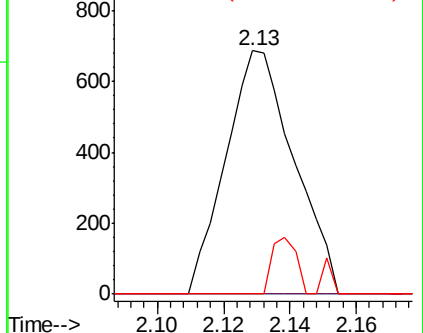
151 8.3 71.8 107.8#

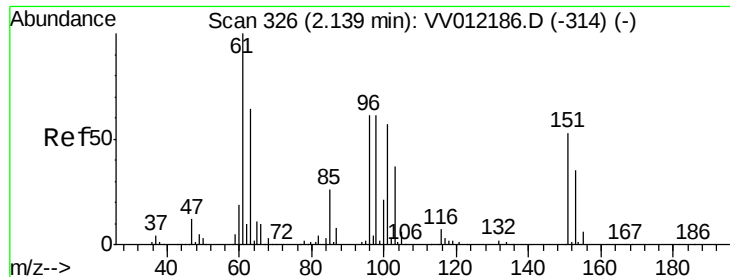


Abundance Ion 101.00 (100.70 to 101.70): VV012186.D (-314) (-)

Ion 85.00 (84.70 to 85.70): VV012186.D (-314) (-)

Ion 151.00 (150.70 to 151.70): VV012186.D (-314) (-)





#12

1,1-Dichloroethene

Concen: 0.839 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012188.D

Acq: 11 Aug 2019 13:11

Instrument :

MSVOA_V

ClientSampleId :

F2B13DL

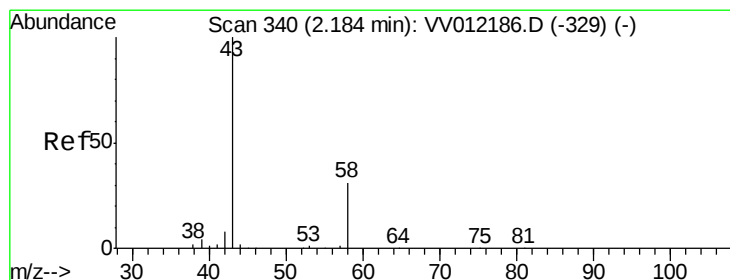
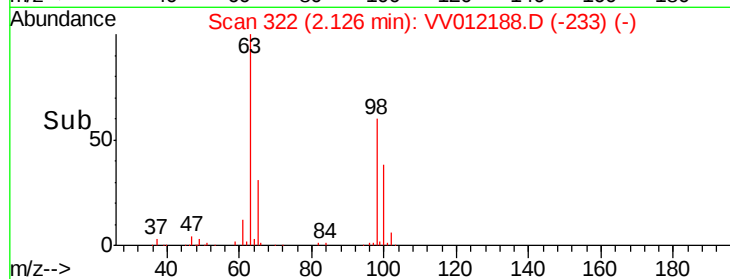
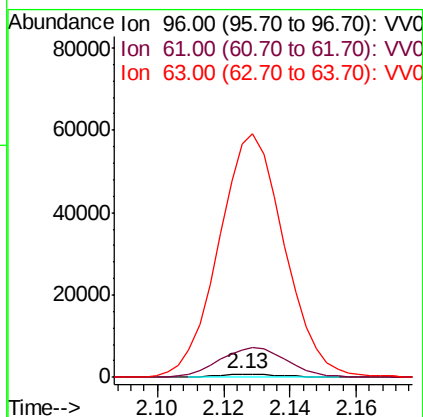
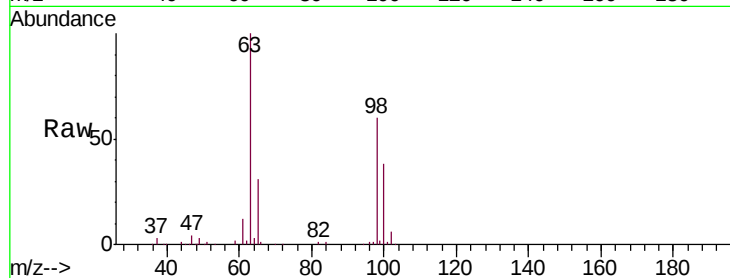
Tgt Ion: 96 Resp: 1046

Ion Ratio Lower Upper

96 100

61 848.0 115.1 213.8#

63 7255.2 83.9 155.7#



#13

Acetone

Concen: 1.095 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV012188.D

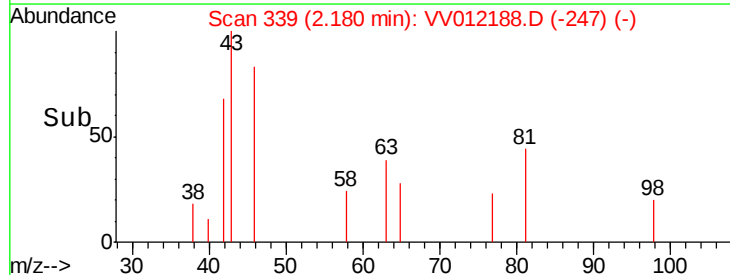
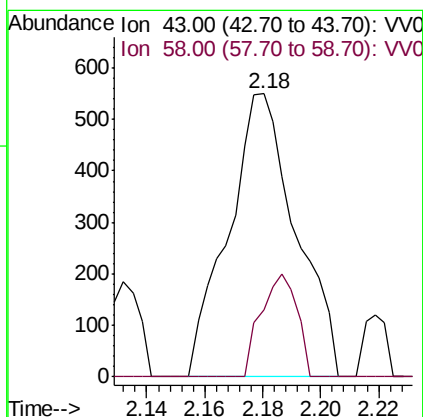
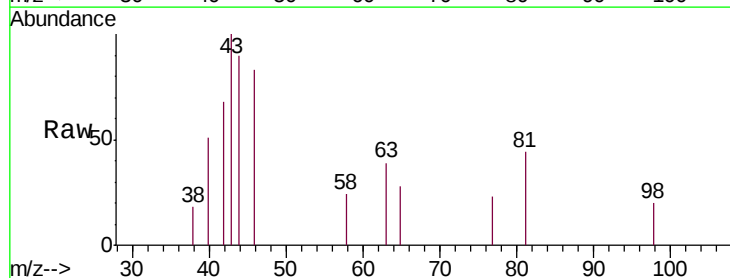
Acq: 11 Aug 2019 13:11

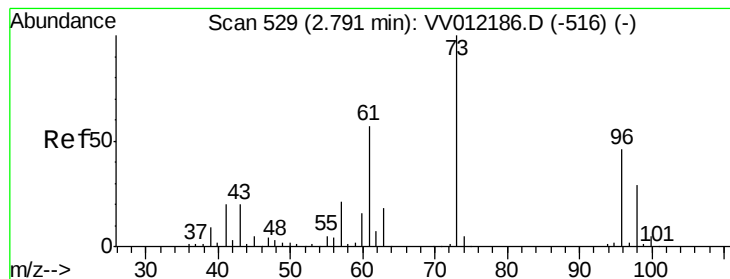
Tgt Ion: 43 Resp: 888

Ion Ratio Lower Upper

43 100

58 19.3 0.0 63.4





#17

trans-1,2-Dichloroethene

Concen: 1.520 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV012188.D

Acq: 11 Aug 2019 13:11

Instrument :

MSVOA_V

ClientSampleId :

F2B13DL

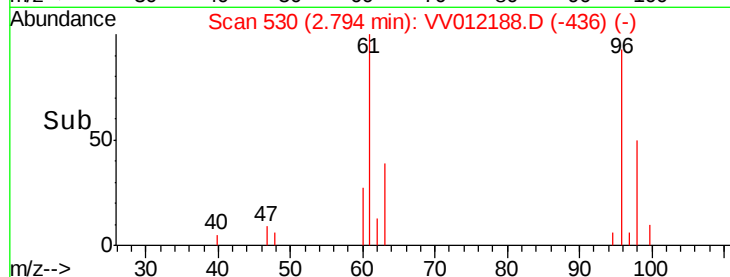
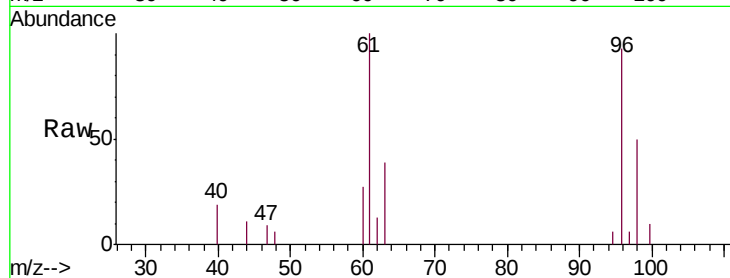
Tgt Ion: 96 Resp: 2764

Ion Ratio Lower Upper

96 100

61 108.0 89.3 165.9

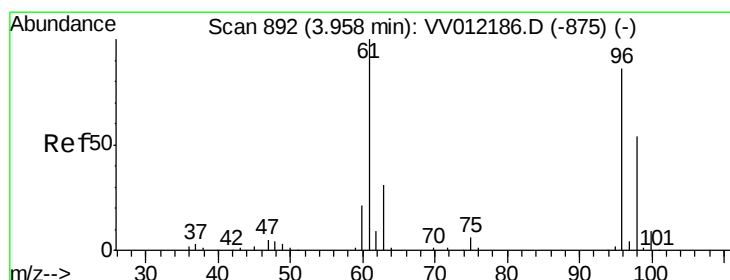
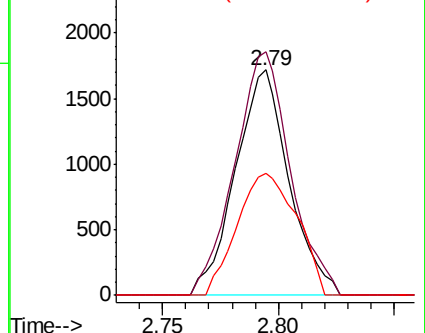
98 54.0 44.7 83.1



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: 16.935 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV012188.D

Acq: 11 Aug 2019 13:11

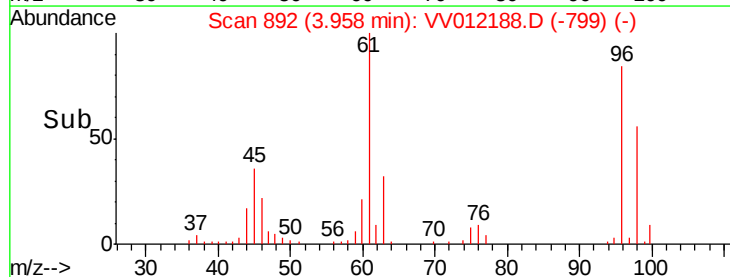
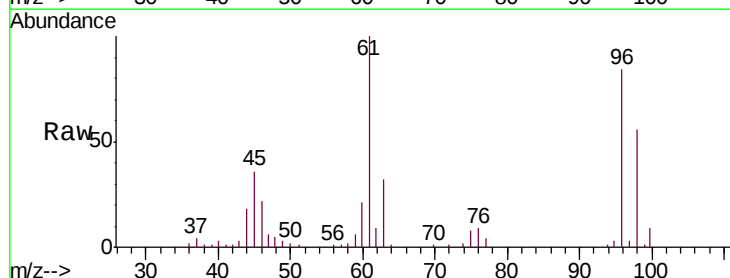
Tgt Ion: 96 Resp: 34979

Ion Ratio Lower Upper

96 100

61 118.9 82.9 153.9

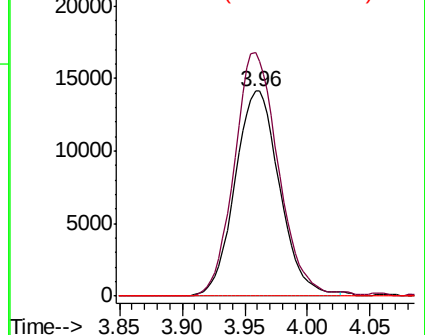
68 0.0 0.0 0.0

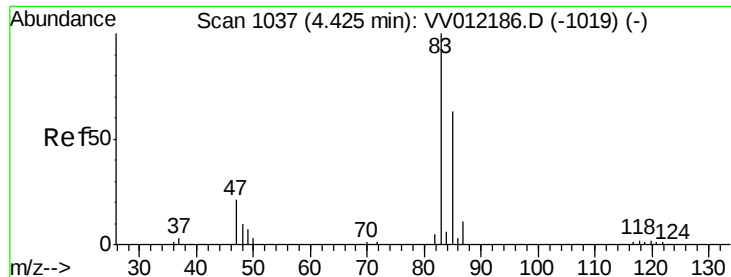


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

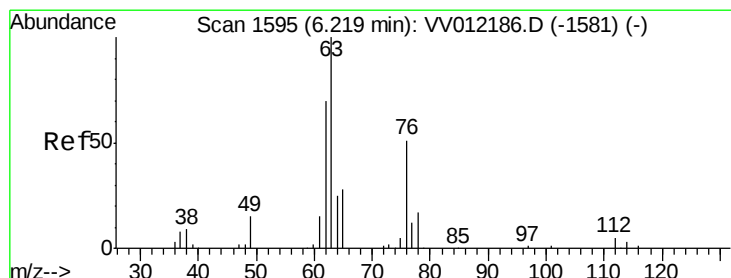
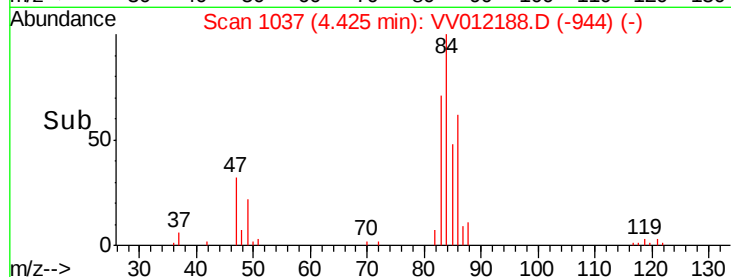
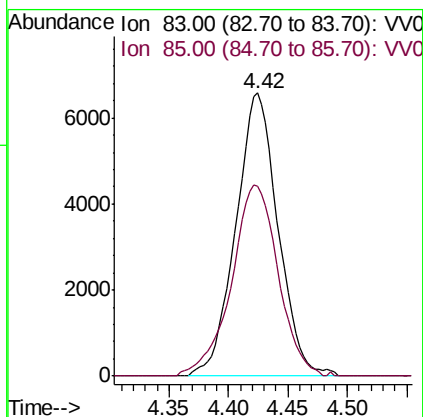
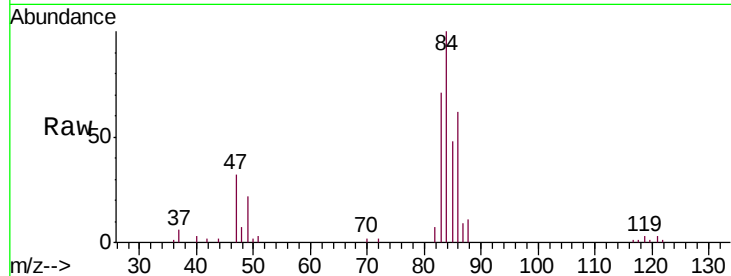




#25
Chloroform
Concen: 4.510 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012188.D
Acq: 11 Aug 2019 13:11

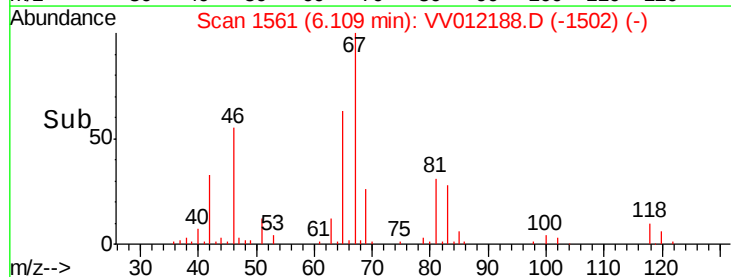
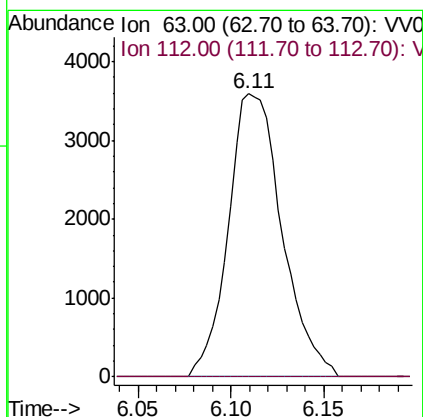
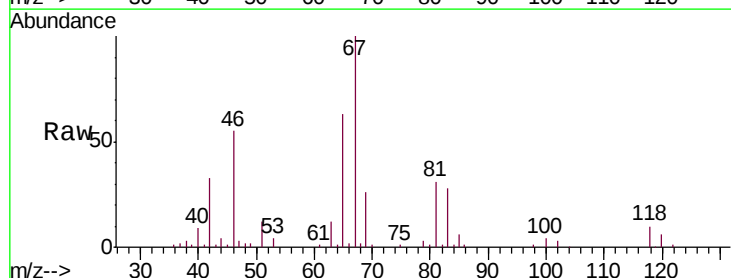
Instrument :
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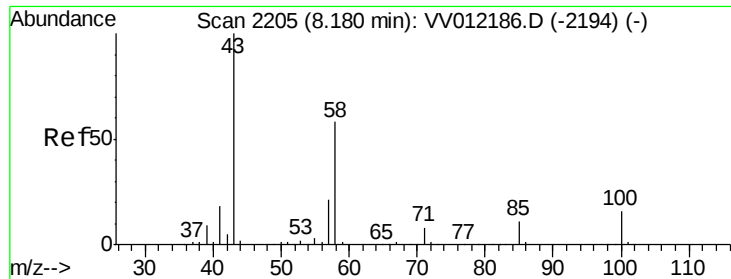
Tgt Ion: 83 Resp: 16195
Ion Ratio Lower Upper
83 100
85 67.1 45.7 84.9



#37
1,2-Dichloropropane
Concen: 4.020 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV012188.D
Acq: 11 Aug 2019 13:11

Tgt Ion: 63 Resp: 7210
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

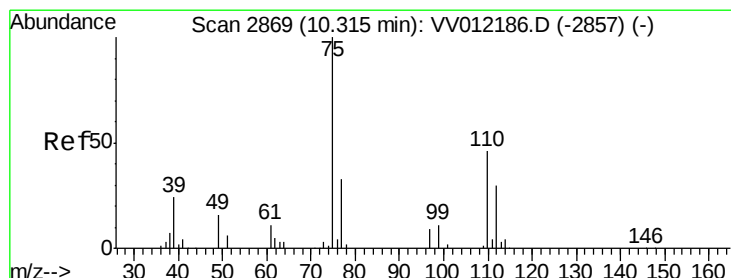
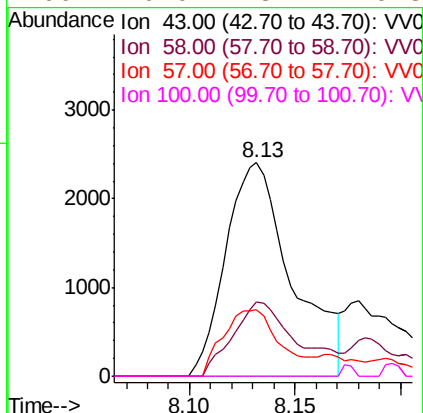
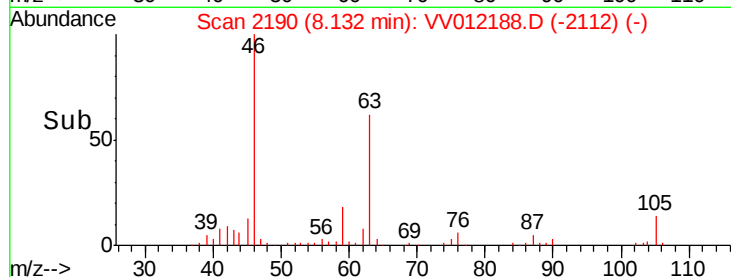
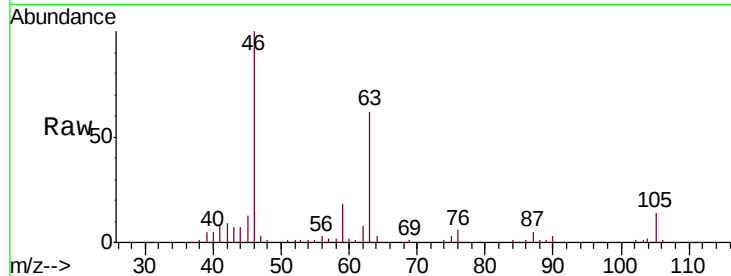




#48
 2-Hexanone
 Concen: 3.022 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV012188.D
 Acq: 11 Aug 2019 13:11

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B13DL

Tgt Ion: 43 Resp: 5263
 Ion Ratio Lower Upper
 43 100
 58 29.5 47.4 71.0#
 57 27.6 16.8 25.2#
 100 0.0 13.2 19.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.696 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012188.D
 Acq: 11 Aug 2019 13:11

Tgt Ion: 75 Resp: 13784
 Ion Ratio Lower Upper
 75 100
 77 37.0 26.3 39.5

