

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019500.D
 Acq On : 07 Dec 2020 19:19
 Operator : SY/MD
 Sample : L4955-08ME5X
 Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4K3ME

Quant Time: Dec 08 03:06:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 03:05:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275790	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126848	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54289	31.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.24%
7) Chloroethane-d5	1.55	69	95103	54.60	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.11	63	176316	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.76%
21) 2-Butanone-d5	3.90	46	150872	114.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.94%
24) Chloroform-d	4.37	84	217059	54.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.14%
26) 1,2-Dichloroethane-d4	5.05	65	157697	59.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.00%
32) Benzene-d6	5.07	84	433753	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
36) 1,2-Dichloropropane-d6	6.09	67	148222	55.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.36%
41) Toluene-d8	7.33	98	360238	53.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.78%
43) trans-1,3-Dichloropropene-	7.64	79	65440	51.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.04%
47) 2-Hexanone-d5	8.11	63	90758	116.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.25%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	170144	53.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	139472	60.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.22%#

Target Compounds

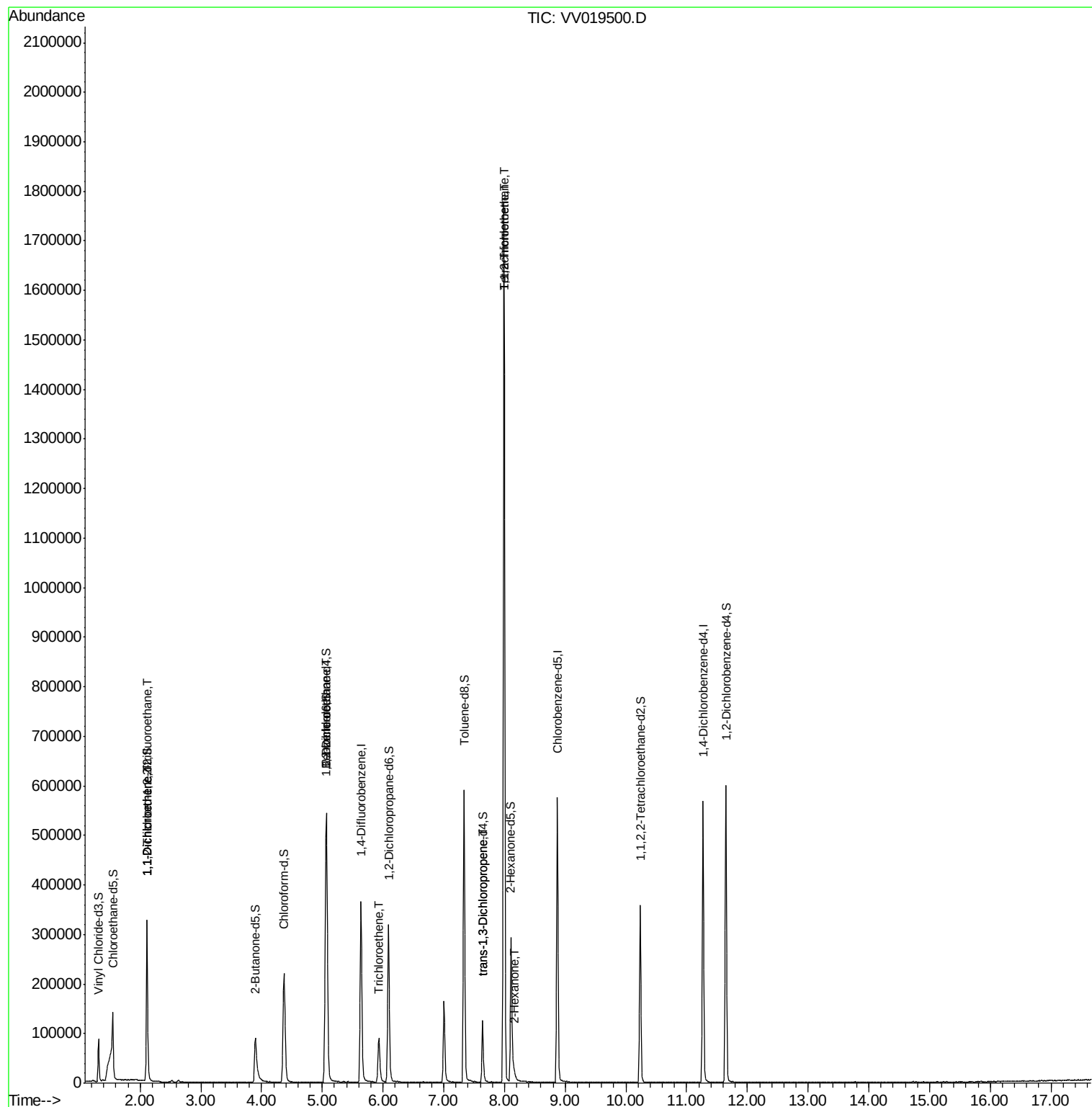
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1585	1.011	ug/L #	24
12) 1,1-Dichloroethene	2.11	96	1265	0.860	ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3138	0.990	ug/L	99
34) Trichloroethene	5.94	95	23641	10.626	ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3206	0.952	ug/L	87
45) 1,1,2-Trichloroethane	7.99	97	3560	1.680	ug/L #	1
46) Tetrachloroethene	7.99	164	352717	263.181	ug/L	99
48) 2-Hexanone	8.16	43	10710	3.798	ug/L #	67

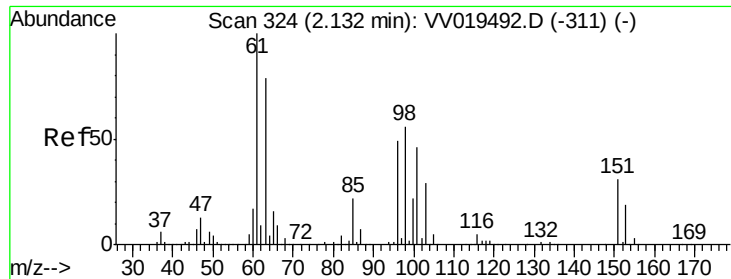
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 08 03:05:02 2020
Response via : Initial Calibration





#10

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

Concen: 1.011 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV019500.D

Acq: 07 Dec 2020 19:19

Instrument :

MSVOA_V

ClientSampleId :

BG4K3ME

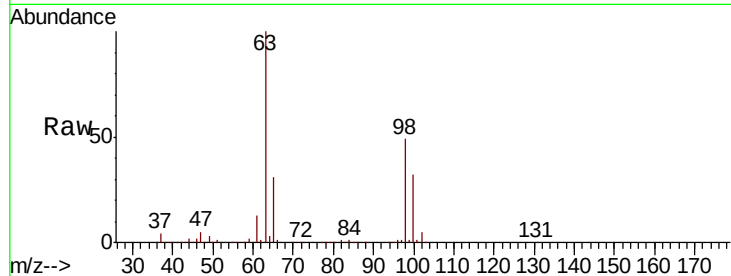
Tot Ion:101 Resp: 1585

Ion Ratio Lower Upper

101 100

85 2.7 37.3 55.9#

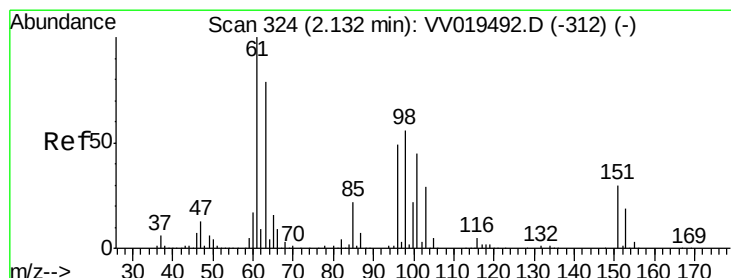
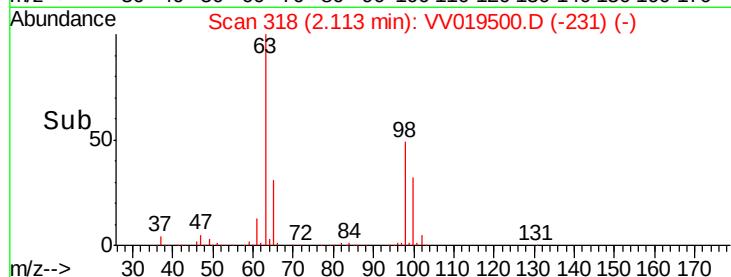
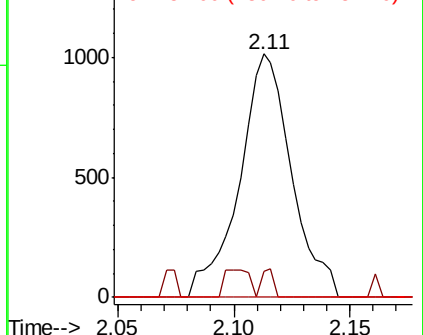
151 0.0 53.3 79.9#



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



#12

1,1-Dichloroethene

Concen: 0.860 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV019500.D

Acq: 07 Dec 2020 19:19

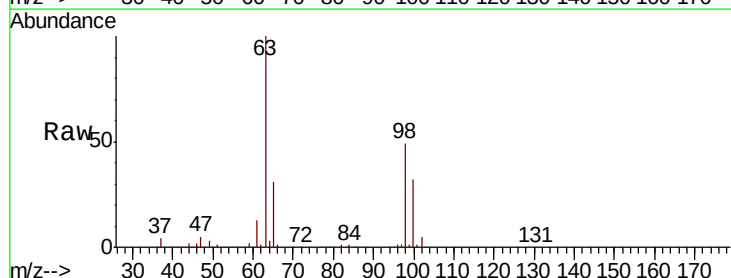
Tgt Ion: 96 Resp: 1265

Ion Ratio Lower Upper

96 100

61 1641.4 144.8 268.8#

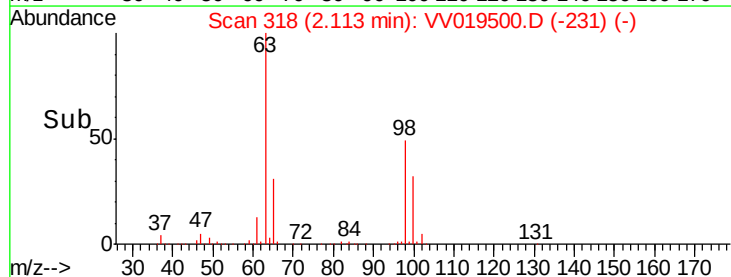
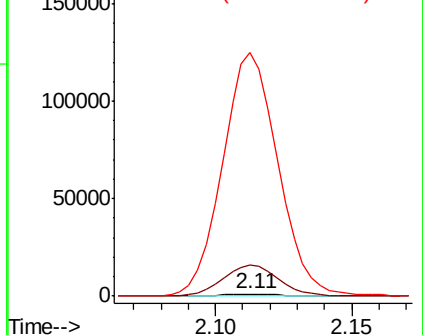
63 13034.7 110.0 204.2#

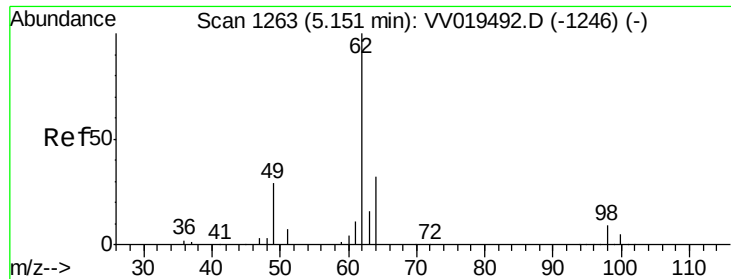


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

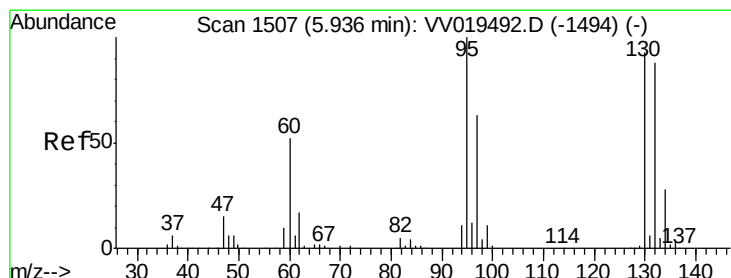
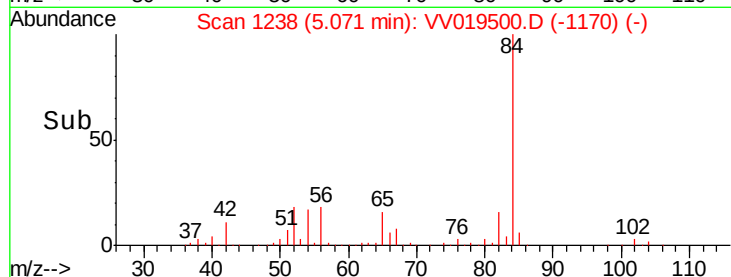
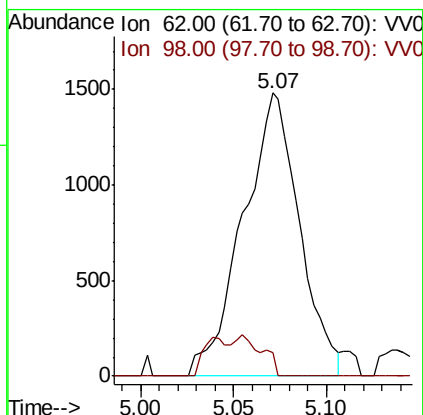
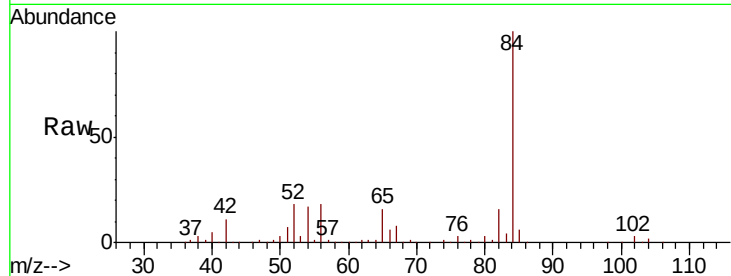




#27
 1,2-Dichloroethane
 Concen: 0.990 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV019500.D
 Acq: 07 Dec 2020 19:19

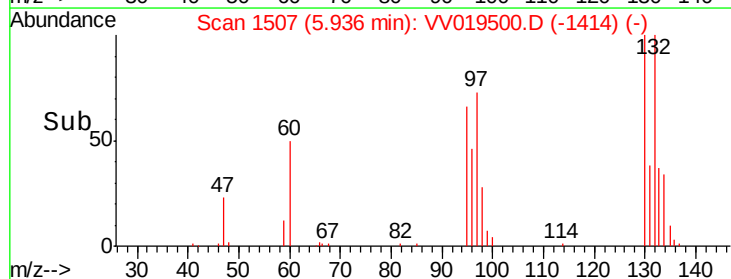
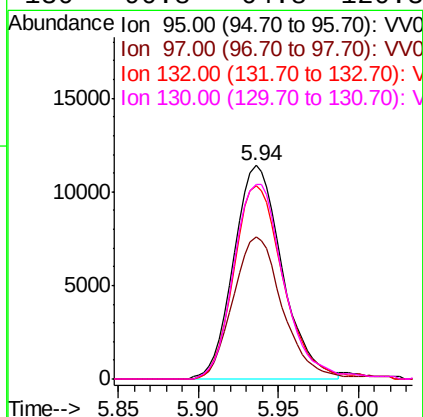
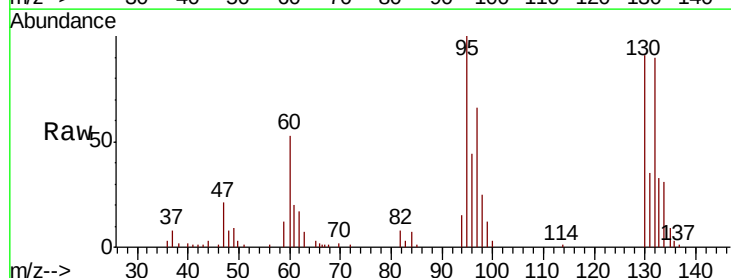
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4K3ME

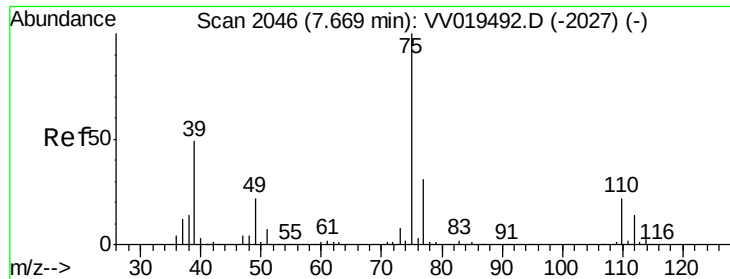
Tot Ion: 62 Resp: 3138
 Ion Ratio Lower Upper
 62 100
 98 8.5 6.4 9.6



#34
 Trichloroethene
 Concen: 10.626 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV019500.D
 Acq: 07 Dec 2020 19:19

Tgt Ion: 95 Resp: 23641
 Ion Ratio Lower Upper
 95 100
 97 66.4 45.5 84.5
 132 90.4 62.9 116.9
 130 90.8 64.8 120.3





#44

trans-1,3-Dichloropropene

Concen: 0.952 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV019500.D

Acq: 07 Dec 2020 19:19

Instrument :

MSVOA_V

ClientSampleId :

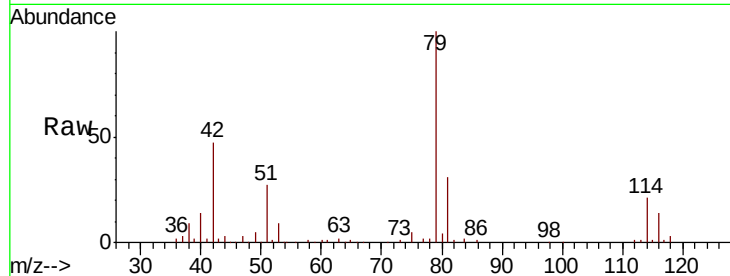
BG4K3ME

Tot Ion: 75 Resp: 3206

Ion Ratio Lower Upper

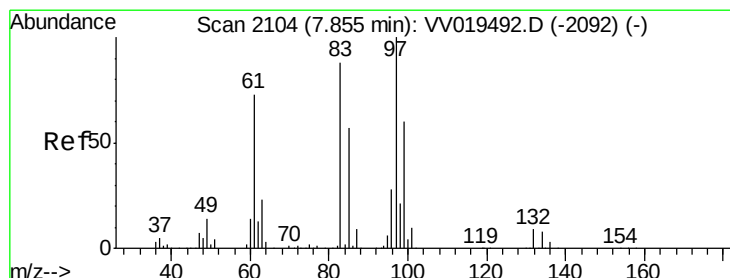
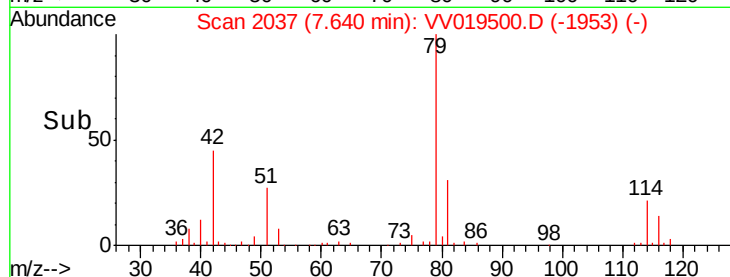
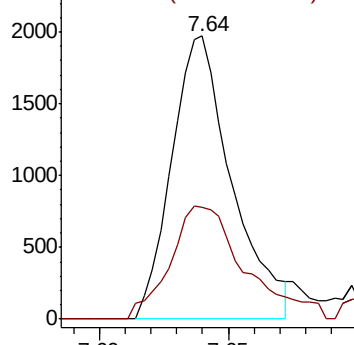
75 100

77 39.7 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#45

1,1,2-Trichloroethane

Concen: 1.680 ug/L

RT: 7.99 min Scan# 2146

Delta R.T. 0.13 min

Lab File: VV019500.D

Acq: 07 Dec 2020 19:19

Tgt Ion: 97 Resp: 3560

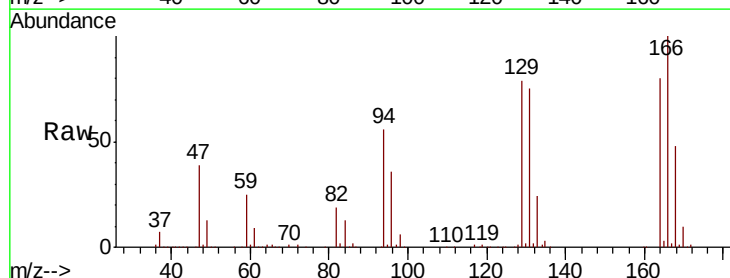
Ion Ratio Lower Upper

97 100

99 14.1 43.1 80.1#

83 272.7 61.7 114.7#

85 46.9 40.2 74.6

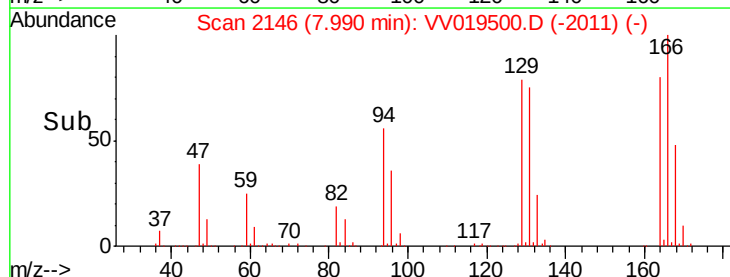
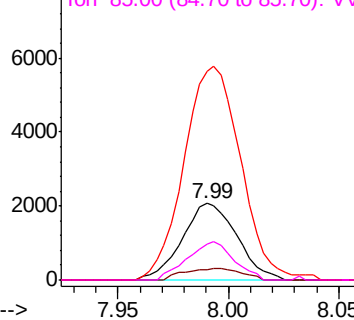


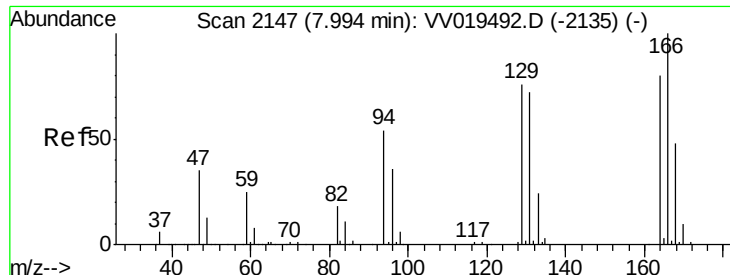
Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 263.181 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV019500.D

Acq: 07 Dec 2020 19:19

Instrument :

MSVOA_V

ClientSampleId :

BG4K3ME

Tot Ion:164 Resp: 352717

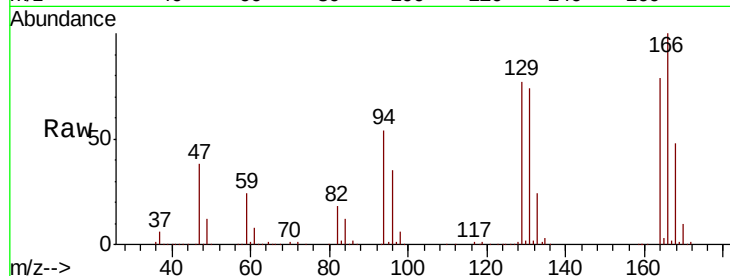
Ion Ratio Lower Upper

164 100

129 97.2 68.4 127.0

131 92.8 65.6 121.8

166 125.9 86.4 160.4

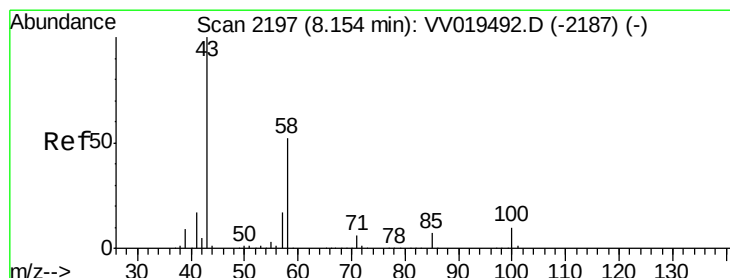
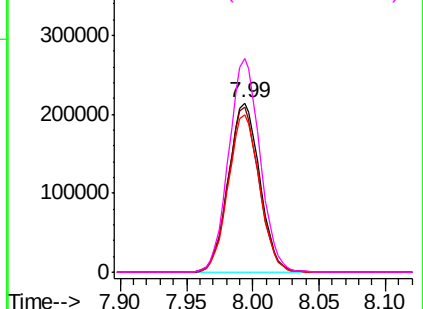
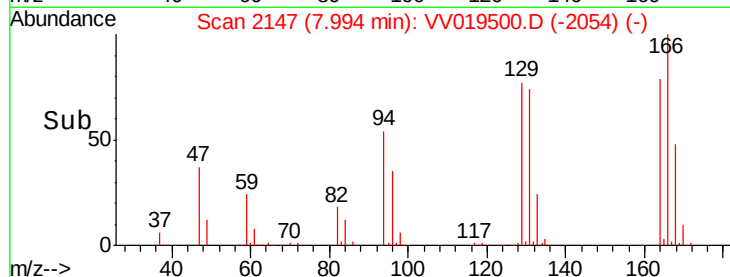


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 3.798 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV019500.D

Acq: 07 Dec 2020 19:19

Tgt Ion: 43 Resp: 10710

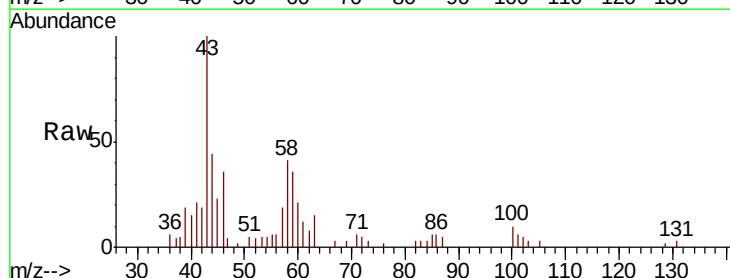
Ion Ratio Lower Upper

43 100

58 22.8 41.0 61.6#

57 9.1 14.2 21.2#

100 3.7 8.0 12.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

