

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019617.D
 Acq On : 14 Dec 2020 20:17
 Operator : SY/MD
 Sample : L4997-08DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ4DL

Quant Time: Dec 15 07:24:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	635303	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	590220	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	275171	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	217585	47.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.52%
7) Chloroethane-d5	1.57	69	189412	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.44%
11) 1,1-Dichloroethene-d2	2.11	63	328413	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
21) 2-Butanone-d5	3.89	46	277627	112.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.12%
24) Chloroform-d	4.35	84	418810	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.02%
26) 1,2-Dichloroethane-d4	5.04	65	294415	54.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.74%
32) Benzene-d6	5.05	84	833630	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.92%
36) 1,2-Dichloropropane-d6	6.07	67	265181	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.56%
41) Toluene-d8	7.32	98	728218	51.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.76%
43) trans-1,3-Dichloropropene-	7.62	79	129320	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.22%
47) 2-Hexanone-d5	8.09	63	206558	106.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.73%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	350348	52.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.06%
64) 1,2-Dichlorobenzene-d4	11.63	152	269072	52.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.62%

Target Compounds

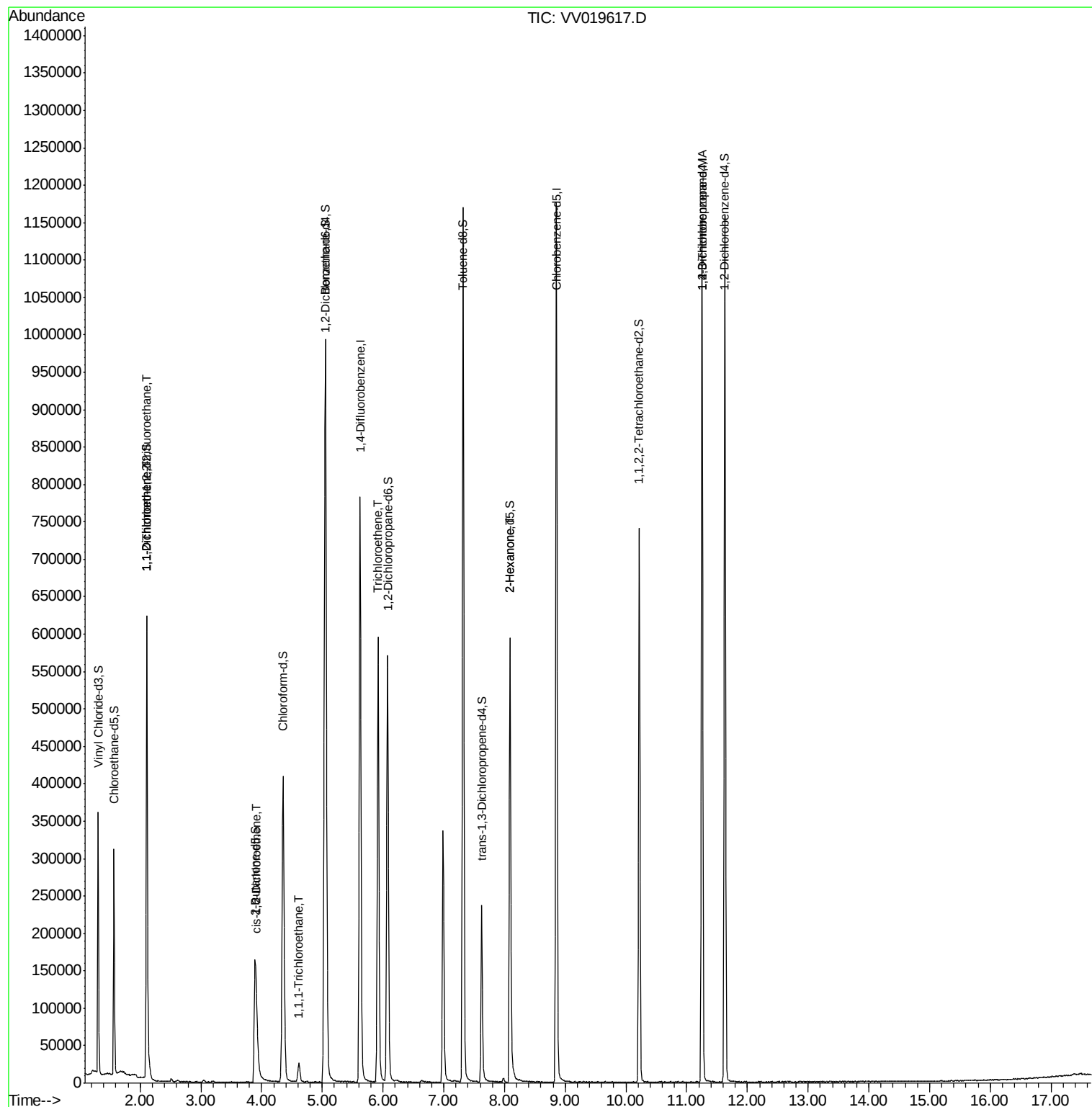
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3227	0.875 ug/L #	24
12) 1,1-Dichloroethene	2.12	96	13882	3.668 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	14722	3.228 ug/L #	94
30) 1,1,1-Trichloroethane	4.61	97	20332	2.747 ug/L	98
34) Trichloroethene	5.92	95	211683	46.455 ug/L	98
48) 2-Hexanone	8.09	43	24607	4.990 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	37683	6.725 ug/L	90

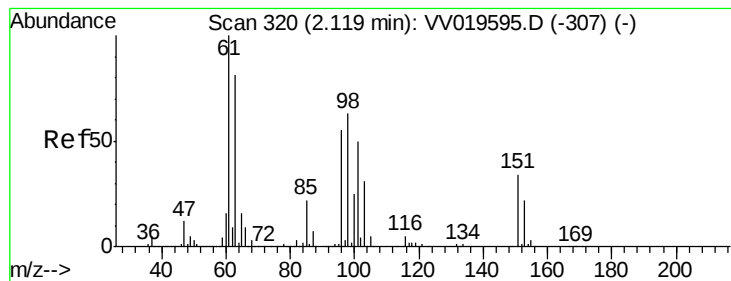
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 07:21:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.875 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019617.D

Acq: 14 Dec 2020 20:17

Instrument :

MSVOA_V

ClientSampled :

C0AQ4DL

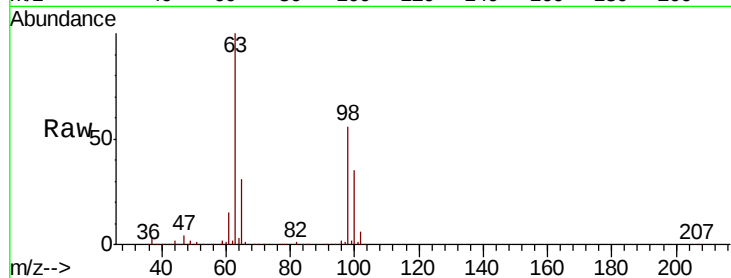
Tot Ion:101 Resp: 3227

Ion Ratio Lower Upper

101 100

85 4.4 35.0 52.4#

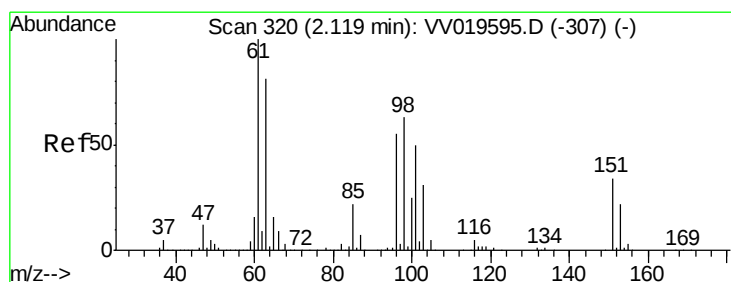
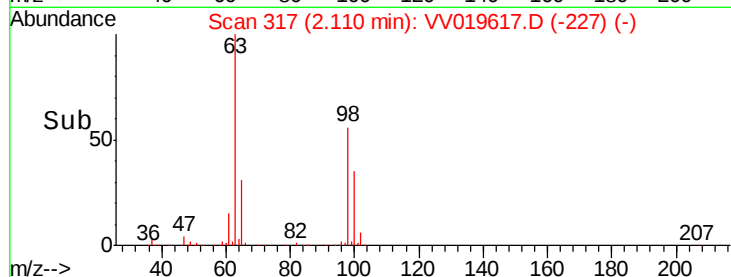
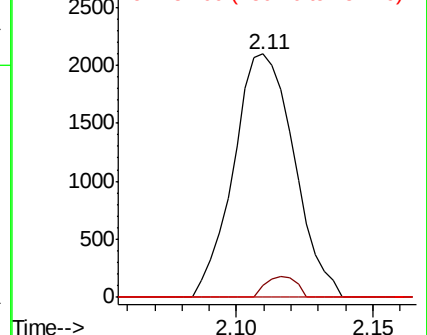
151 0.0 55.8 83.8#



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



#12

1,1-Dichloroethene

Concen: 3.668 ug/L

RT: 2.12 min Scan# 320

Delta R.T. 0.00 min

Lab File: VV019617.D

Acq: 14 Dec 2020 20:17

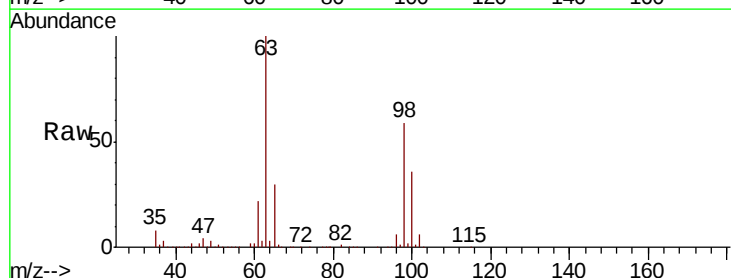
Tgt Ion: 96 Resp: 13882

Ion Ratio Lower Upper

96 100

61 347.9 120.7 224.1#

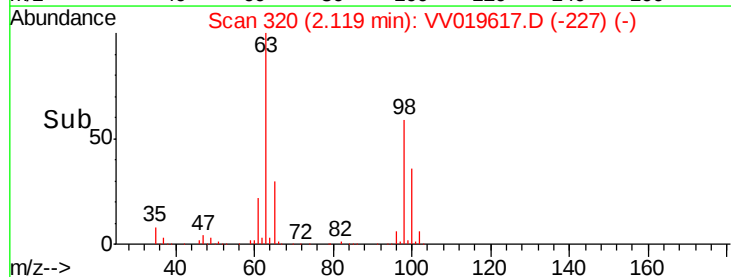
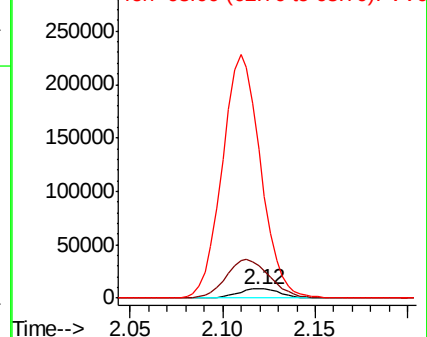
63 1603.5 64.3 119.5#

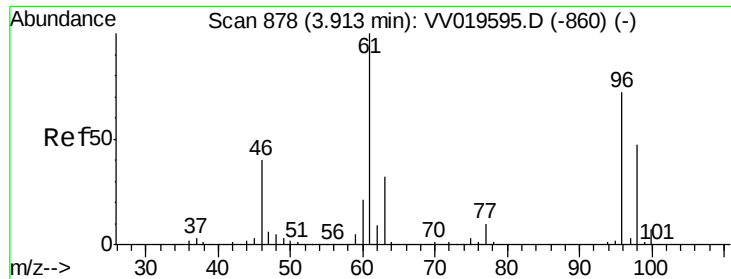


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

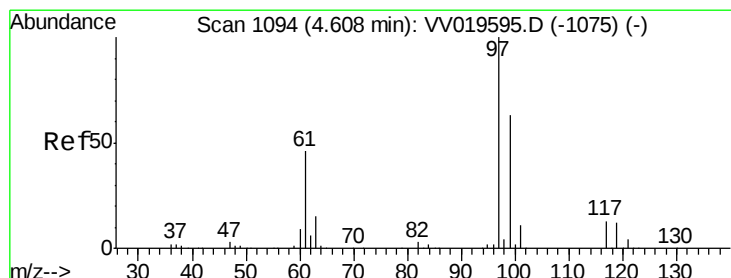
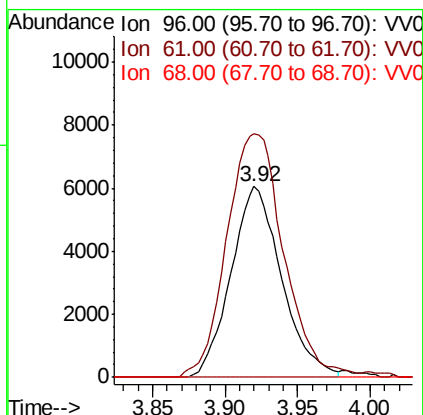
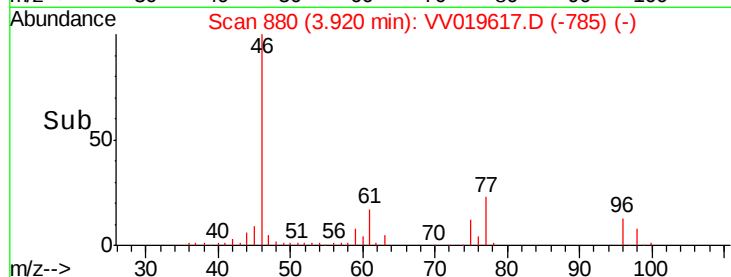
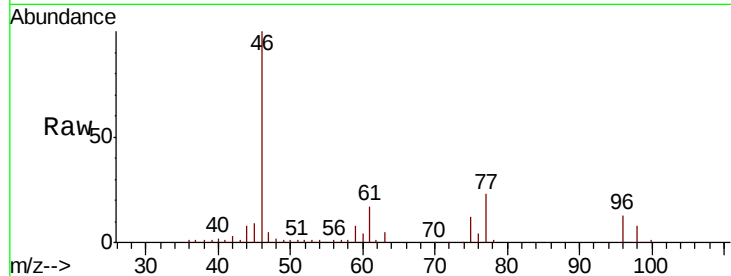




#20
 cis-1,2-Dichloroethene
 Concen: 3.228 ug/L
 RT: 3.92 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VV019617.D
 Acq: 14 Dec 2020 20:17

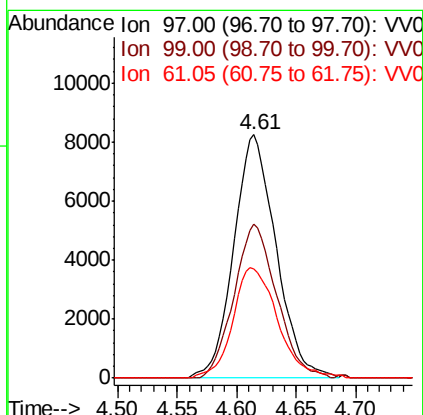
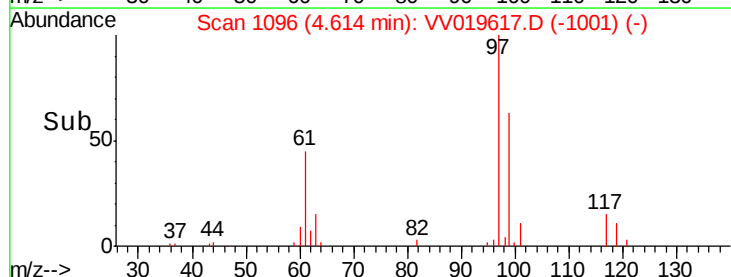
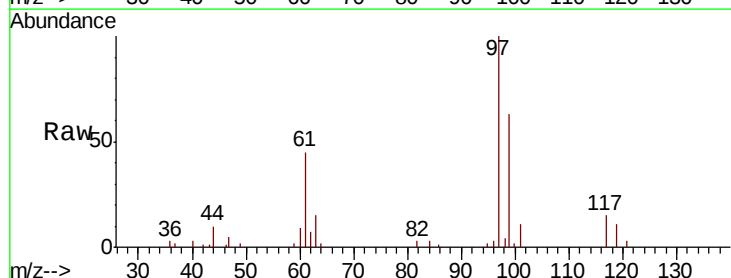
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 ClientSampleId :
 C0AQ4DL

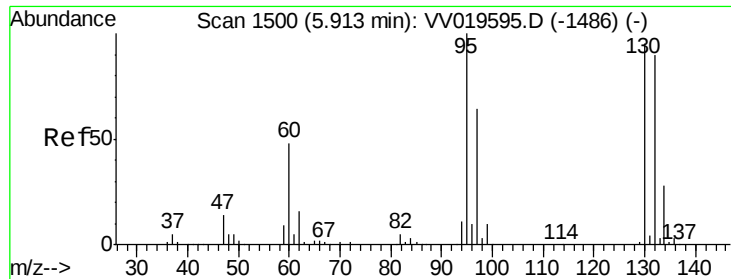
Tot Ion: 96 Resp: 14722
 Ion Ratio Lower Upper
 96 100
 61 127.5 94.1 174.8
 68 0.0 0.1 0.1#



#30
 1,1,1-Trichloroethane
 Concen: 2.747 ug/L
 RT: 4.61 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: VV019617.D
 Acq: 14 Dec 2020 20:17

Tgt Ion: 97 Resp: 20332
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.3 76.9
 61 48.0 36.3 54.5





#34

Trichloroethene

Concen: 46.455 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019617.D

Acq: 14 Dec 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

C0AQ4DL

Tot Ion: 95 Resp: 211683

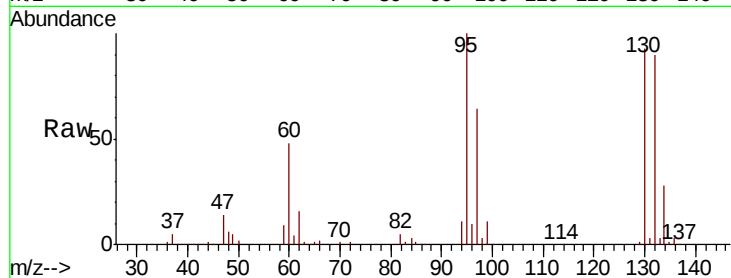
Ion Ratio Lower Upper

95 100

97 64.1 44.4 82.4

132 90.3 64.3 119.3

130 93.2 67.8 125.8

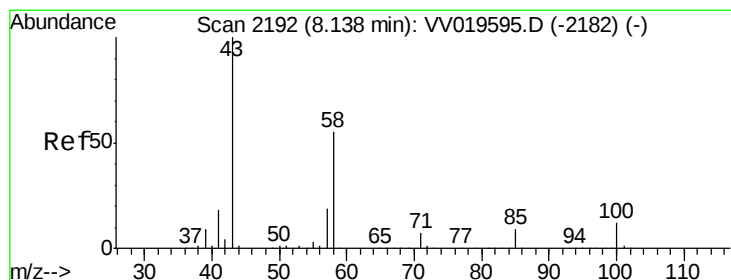
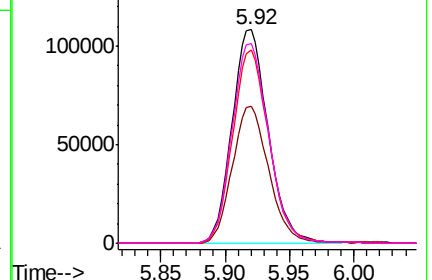
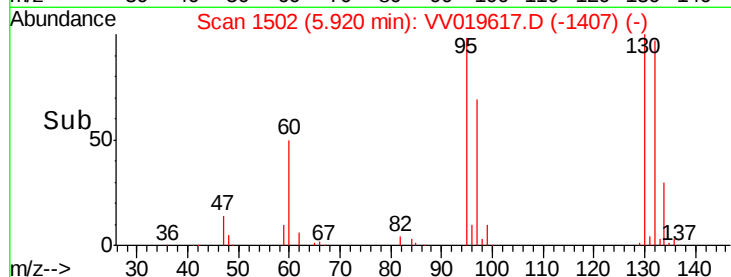


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#48

2-Hexanone

Concen: 4.990 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019617.D

Acq: 14 Dec 2020 20:17

Tgt Ion: 43 Resp: 24607

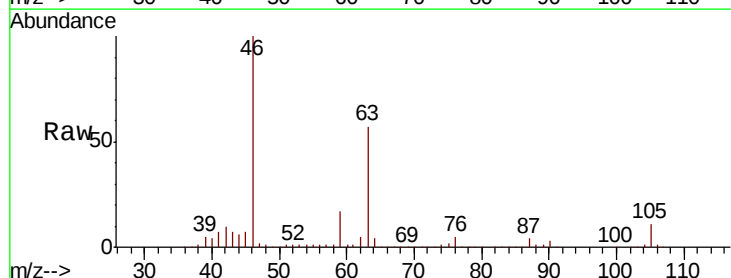
Ion Ratio Lower Upper

43 100

58 24.7 44.4 66.6#

57 21.9 15.7 23.5

100 0.5 9.9 14.9#

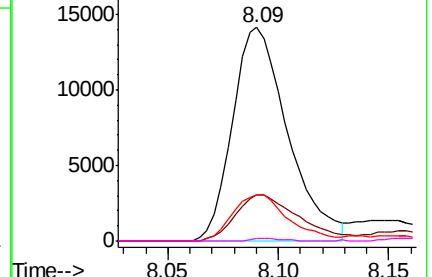
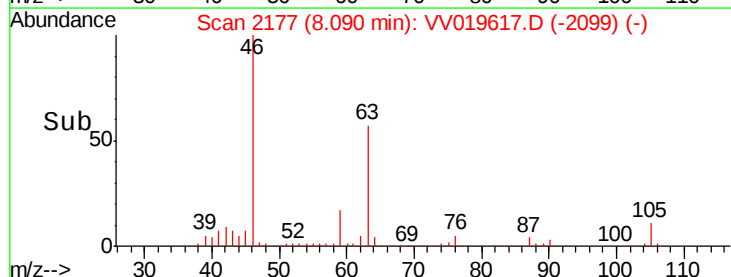


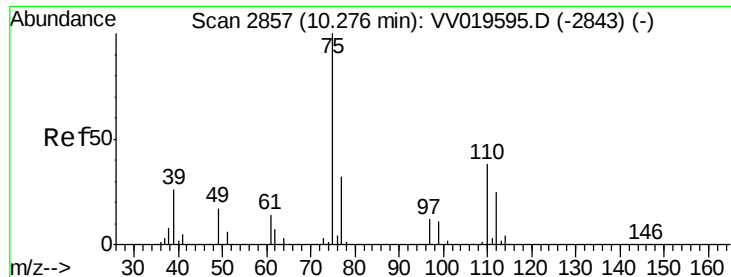
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 6.725 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019617.D

Acq: 14 Dec 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

C0AQ4DL

Tot Ion: 75 Resp: 37683

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.8

