

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019730.D
 Acq On : 19 Dec 2020 12:07
 Operator : SY/MD
 Sample : L5099-05 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q0

Quant Time: Dec 21 03:38:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	780563	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	726745	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	333380	50.00	ug/L	0.00

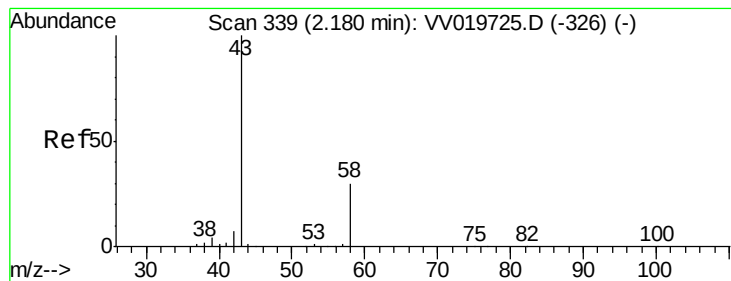
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	217569	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.74%
7) Chloroethane-d5	1.57	69	184921	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.78%
11) 1,1-Dichloroethene-d2	2.11	63	324381	31.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.46%
21) 2-Butanone-d5	3.89	46	351881	115.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.66%
24) Chloroform-d	4.55	84	184	0.02	ug/L	0.20
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.04	65	305596	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
32) Benzene-d6	5.05	84	865020	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
36) 1,2-Dichloropropane-d6	6.07	67	282329	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.00%
41) Toluene-d8	7.32	98	747226	42.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.64%
43) trans-1,3-Dichloropropene-	7.62	79	127610	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.90%
47) 2-Hexanone-d5	8.09	63	235867	98.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.98%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	355684	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.63	152	285112	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%

Target Compounds

					Ovalue
13) Acetone	2.18	43	9428	3.638	ug/L 99
34) Trichloroethene	5.92	95	95537	17.028	ug/L 95
45) 1,1,2-Trichloroethane	7.98	97	4490	0.852	ug/L # 1
46) Tetrachloroethene	7.98	164	469790	121.006	ug/L 99
48) 2-Hexanone	8.09	43	29225	4.813	ug/L # 72

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



#13

Acetone

Concen: 3.638 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

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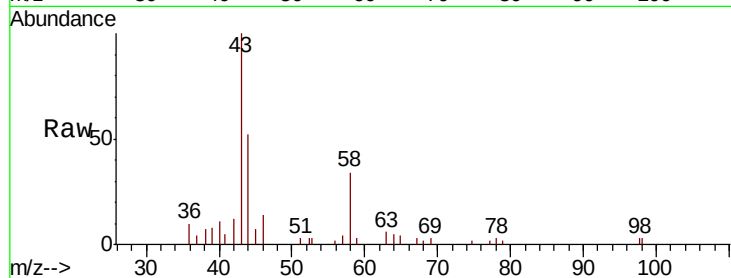
BG4Q0

Tot Ion: 43 Resp: 9428

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

4000

3000

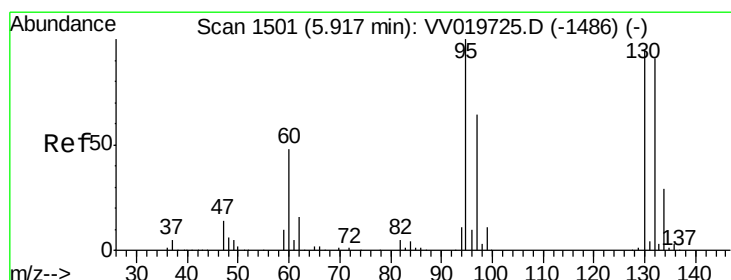
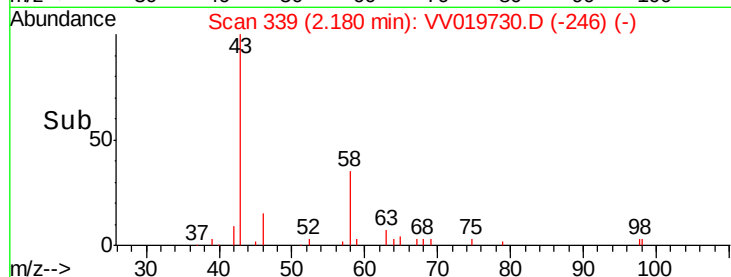
2000

1000

0

2.10 2.15 2.20 2.25

Time-->



#34

Trichloroethene

Concen: 17.028 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019730.D

Acq: 19 Dec 2020 12:07

Tgt Ion: 95 Resp: 95537

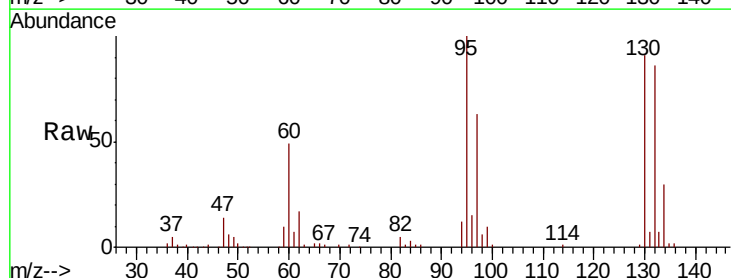
Ion Ratio Lower Upper

95 100

97 63.0 44.4 82.4

132 86.4 64.3 119.3

130 90.6 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

60000

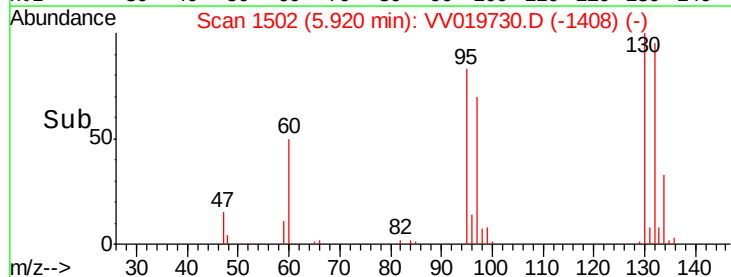
40000

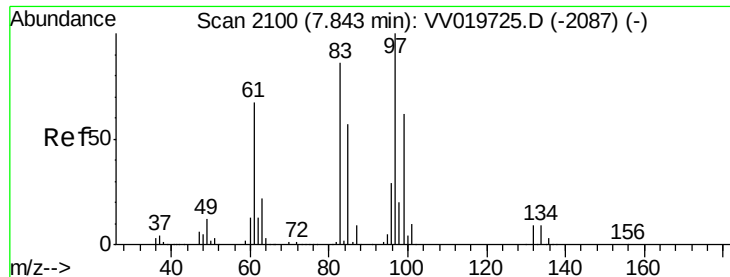
20000

0

5.85 5.90 5.95 6.00

Time-->

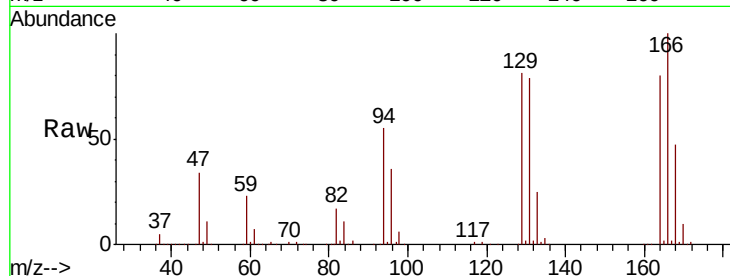




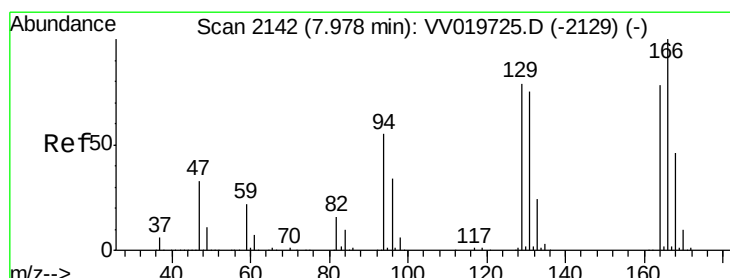
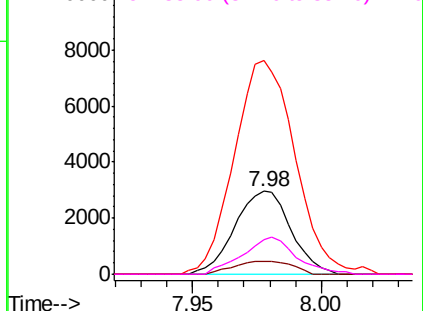
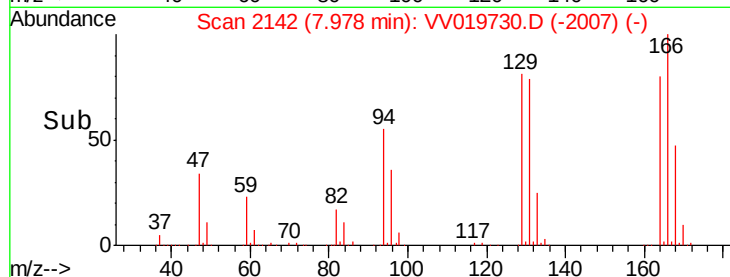
#45
 1,1,2-Trichloroethane
 Concen: 0.852 ug/L
 RT: 7.98 min Scan# 2142
 Delta R.T. 0.13 min
 Lab File: VV019730.D
 Acq: 19 Dec 2020 12:07

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q0

Tot Ion: 97 Resp: 4490
 Ion Ratio Lower Upper
 97 100
 99 15.2 44.1 81.9#
 83 258.1 60.0 111.4#
 85 41.3 38.6 71.8

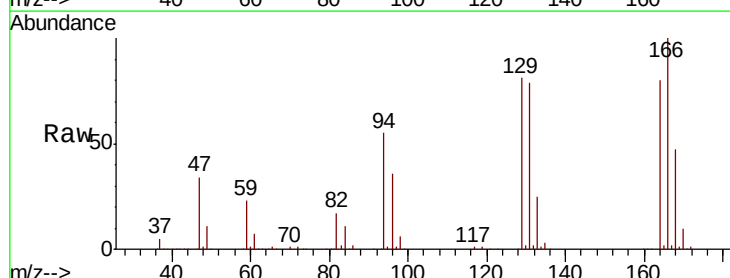


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0

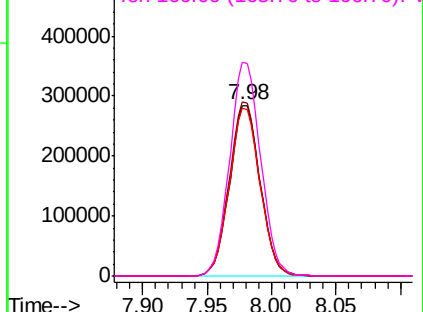
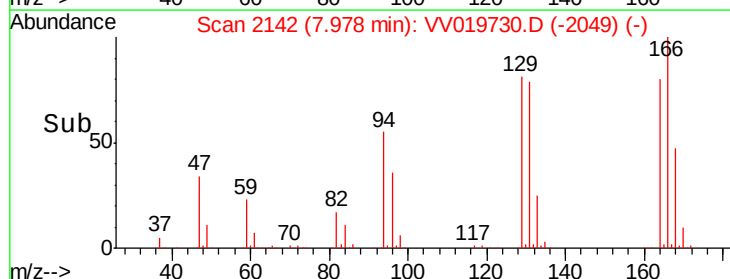


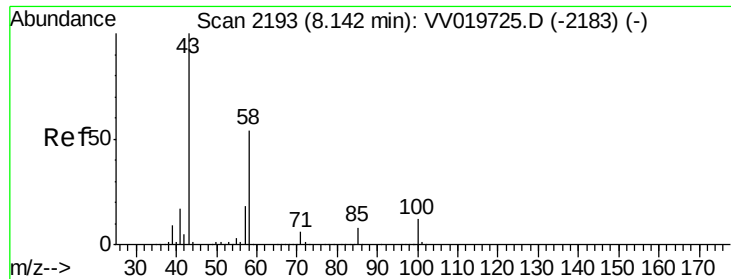
#46
 Tetrachloroethene
 Concen: 121.006 ug/L
 RT: 7.98 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VV019730.D
 Acq: 19 Dec 2020 12:07

Tgt Ion: 164 Resp: 469790
 Ion Ratio Lower Upper
 164 100
 129 101.7 70.6 131.0
 131 98.3 68.0 126.4
 166 125.0 86.9 161.5



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: 4.813 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019730.D

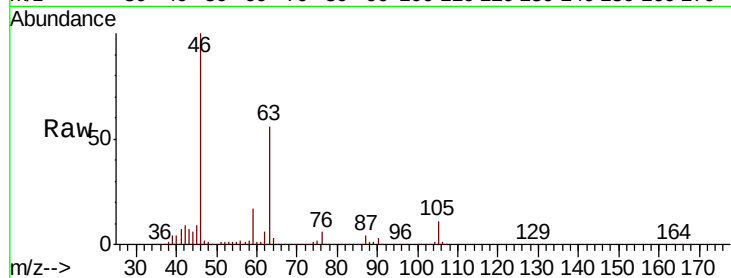
Acq: 19 Dec 2020 12:07

Instrument :

MSVOA_V

ClientSampleId :

BG4Q0



Tot Ion: 43 Resp: 29225

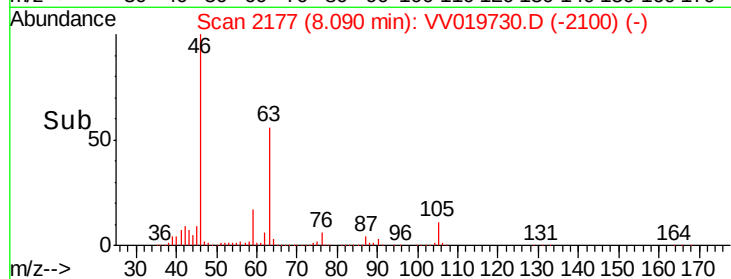
Ion Ratio Lower Upper

43 100

58 29.6 44.4 66.6#

57 22.9 15.7 23.5

100 0.7 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

