

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018597.D
 Acq On : 01 Oct 2020 18:49
 Operator : SY/MD
 Sample : L4117-08DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9DL

Quant Time: Oct 02 04:19:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	306190	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	300047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154303	50.00	ug/L	0.00

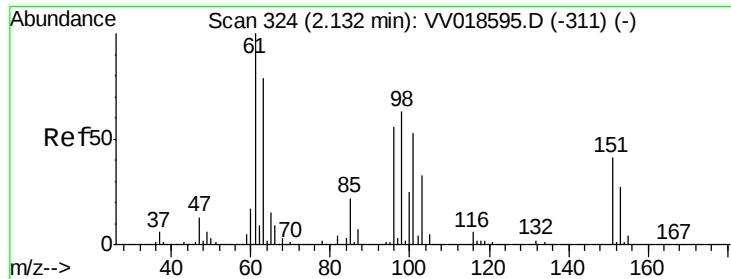
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101309	56.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.84%
7) Chloroethane-d5	1.58	69	92628	62.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.76%
11) 1,1-Dichloroethene-d2	2.12	63	163977	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
21) 2-Butanone-d5	3.91	46	119512	89.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.22%
24) Chloroform-d	4.37	84	191639	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.05	65	128312	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
32) Benzene-d6	5.07	84	380867	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
36) 1,2-Dichloropropane-d6	6.09	67	116893	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.80%
41) Toluene-d8	7.33	98	347286	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%
43) trans-1,3-Dichloropropene-	7.64	79	58532	47.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.36%
47) 2-Hexanone-d5	8.11	63	65920	75.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129814	42.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	150807	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1455	0.730 ug/L #	17
20) cis-1,2-Dichloroethene	3.94	96	10722	4.613 ug/L	96
34) Trichloroethene	5.94	95	77715	30.368 ug/L	99
46) Tetrachloroethene	8.00	164	2105	1.014 ug/L	94
48) 2-Hexanone	8.16	43	8126	3.569 ug/L #	83
49) Dibromochloromethane	8.00	129	1647	0.643 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	16979	6.172 ug/L	90

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



#10

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

Concen: 0.730 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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MSVOA_V

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E0AA9DL

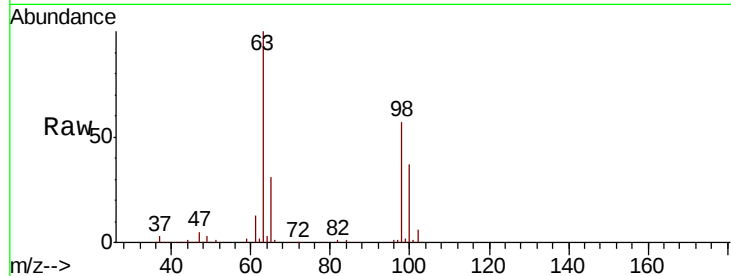
Tot Ion:101 Resp: 1455

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

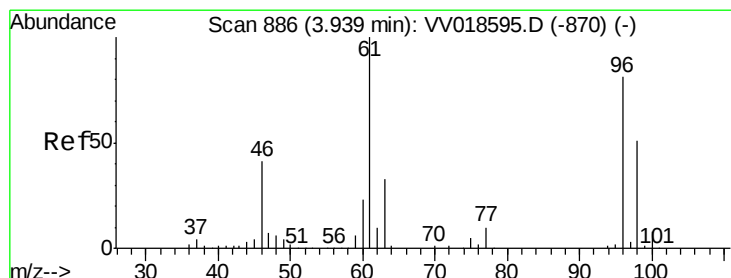
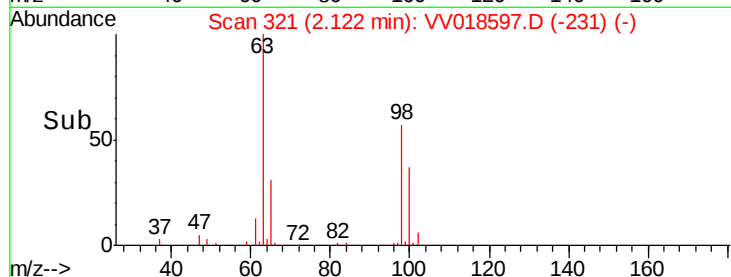
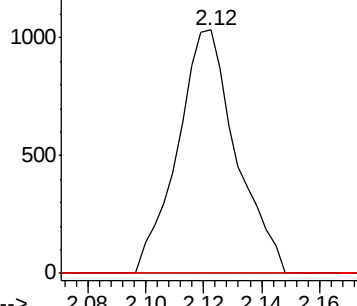
151 0.0 64.3 96.5#



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



#20

cis-1,2-Dichloroethene

Concen: 4.613 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV018597.D

Acq: 01 Oct 2020 18:49

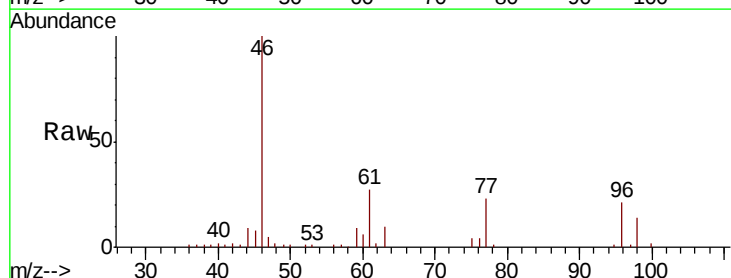
Tgt Ion: 96 Resp: 10722

Ion Ratio Lower Upper

96 100

61 128.6 86.8 161.2

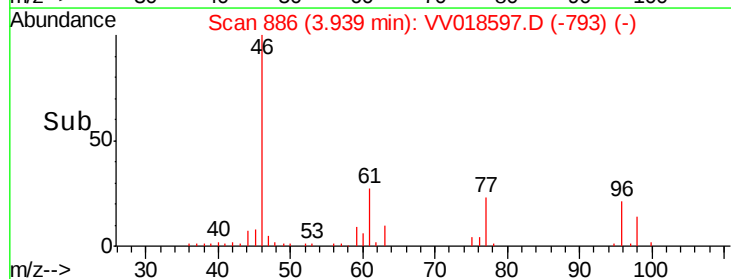
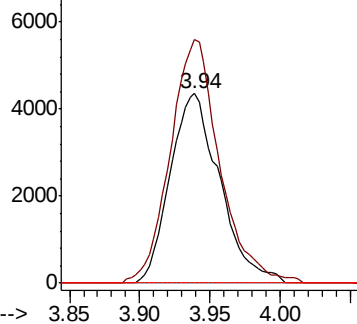
68 0.0 0.0 0.0

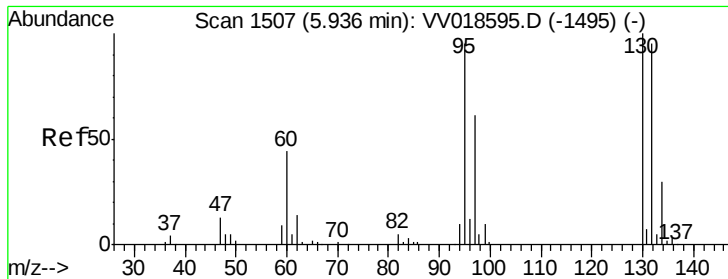


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

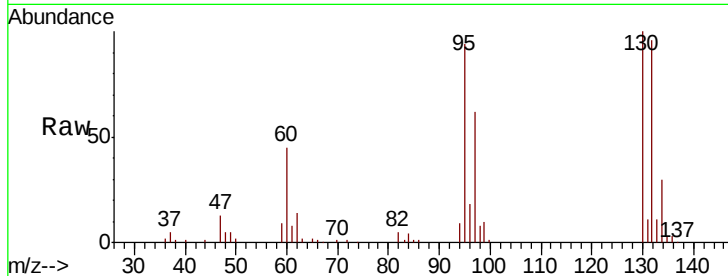




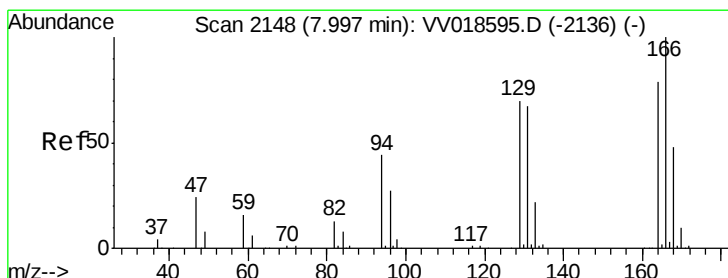
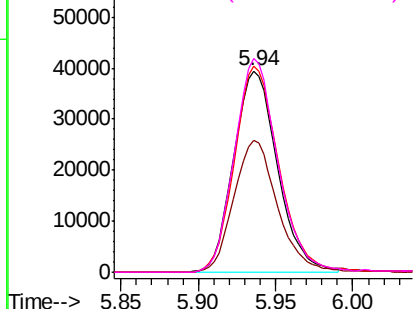
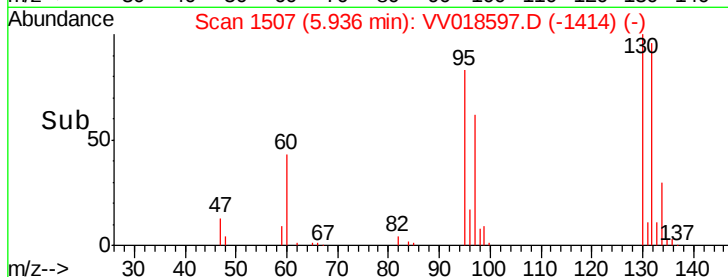
#34
 Trichloroethene
 Concen: 30.368 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018597.D
 Acq: 01 Oct 2020 18:49

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9DL

Tot Ion: 95 Resp: 77715
 Ion Ratio Lower Upper
 95 100
 97 65.7 45.9 85.3
 132 102.3 70.8 131.4
 130 106.0 75.3 139.8

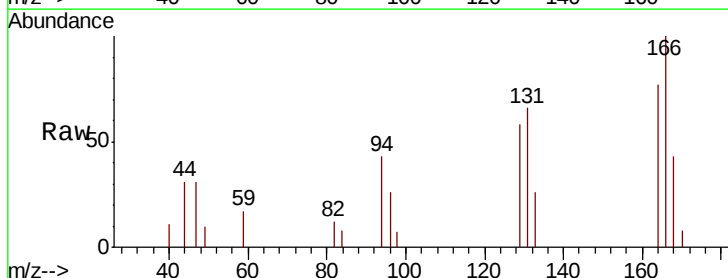


Abundance Ion 95.00 (94.70 to 95.70): VV018597.D (-1414) (-)
 Ion 97.00 (96.70 to 97.70): VV018597.D (-1414) (-)
 Ion 132.00 (131.70 to 132.70): VV018597.D (-1414) (-)
 Ion 130.00 (129.70 to 130.70): VV018597.D (-1414) (-)

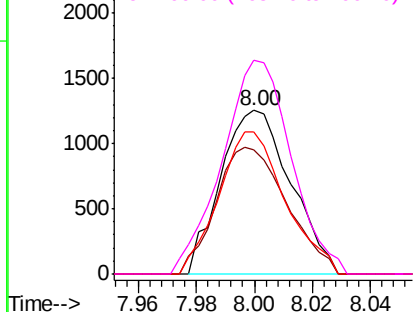
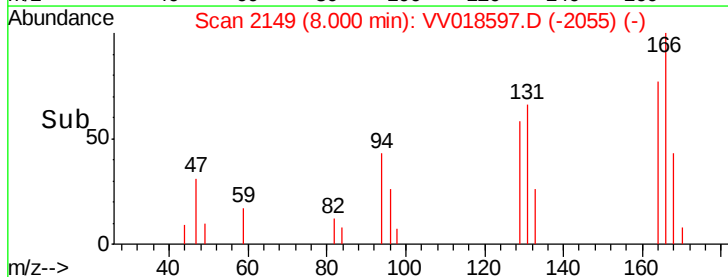


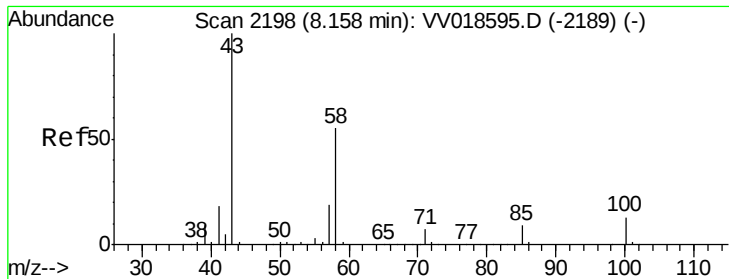
#46
 Tetrachloroethene
 Concen: 1.014 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV018597.D
 Acq: 01 Oct 2020 18:49

Tgt Ion: 164 Resp: 2105
 Ion Ratio Lower Upper
 164 100
 129 75.7 62.8 116.6
 131 86.7 60.8 112.8
 166 130.4 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): VV018597.D (-2055) (-)
 Ion 129.00 (128.70 to 129.70): VV018597.D (-2055) (-)
 Ion 131.00 (130.70 to 131.70): VV018597.D (-2055) (-)
 Ion 166.00 (165.70 to 166.70): VV018597.D (-2055) (-)





#48

2-Hexanone

Concen: 3.569 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018597.D

Acq: 01 Oct 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

E0AA9DL

Tot Ion: 43 Resp: 8126

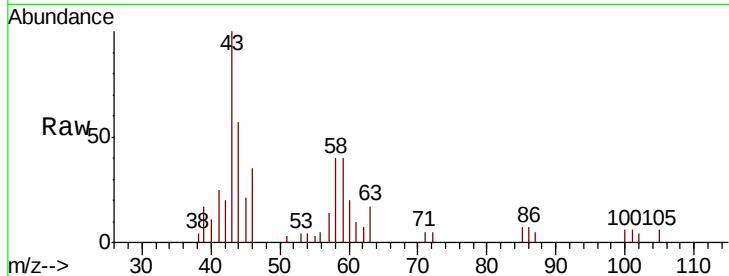
Ion Ratio Lower Upper

43 100

58 62.6 45.1 67.7

57 1.3 15.7 23.5#

100 5.4 11.0 16.4#

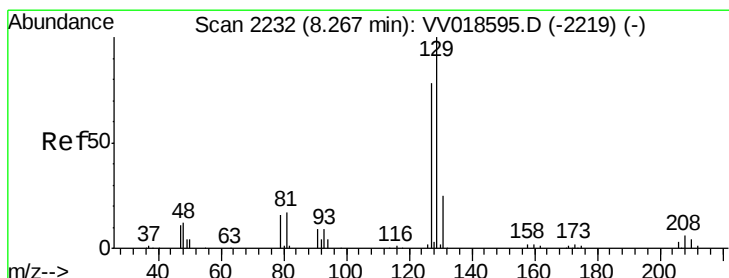
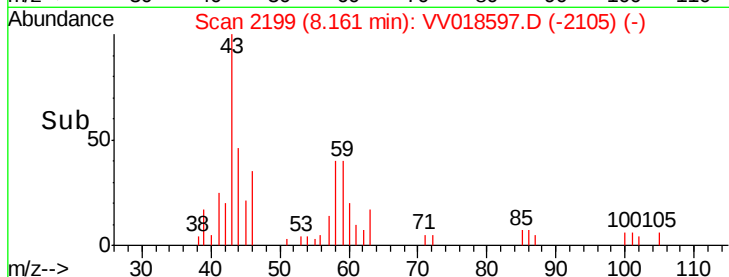
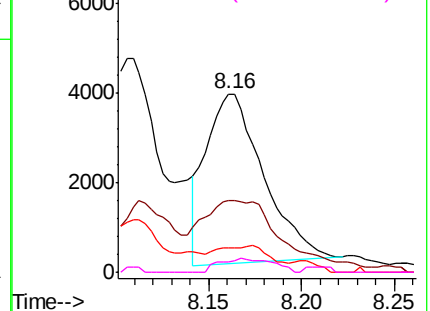


Abundance Ion 43.00 (42.70 to 43.70): VV0

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



#49

Dibromochloromethane

Concen: 0.643 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018597.D

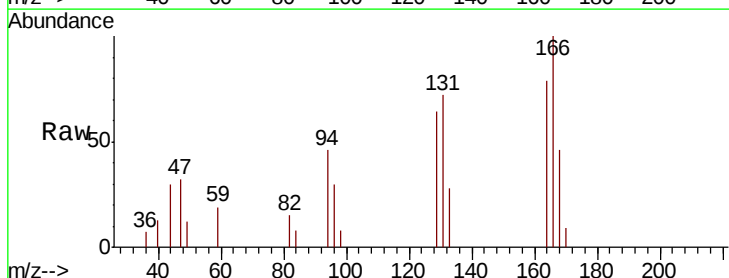
Acq: 01 Oct 2020 18:49

Tgt Ion: 129 Resp: 1647

Ion Ratio Lower Upper

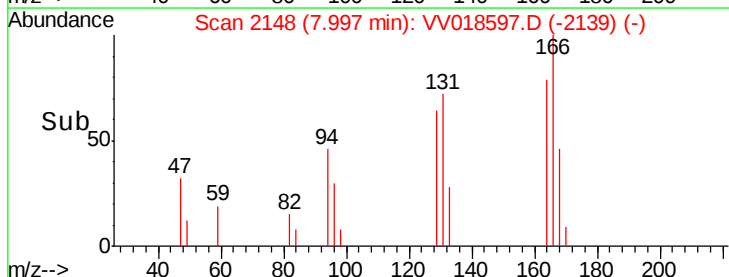
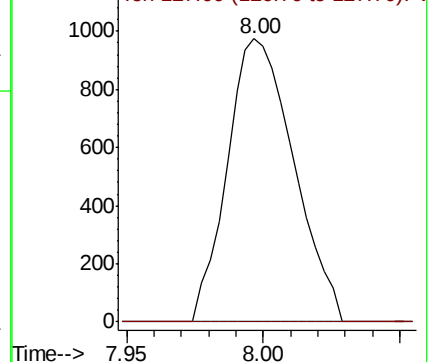
129 100

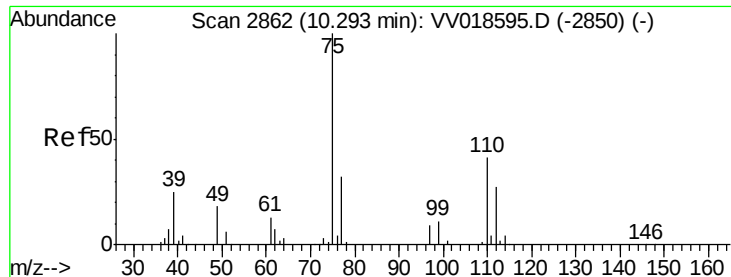
127 0.0 54.1 100.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 6.172 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018597.D

Acq: 01 Oct 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

E0AA9DL

Tot Ion: 75 Resp: 16979

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.0

