

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016976.D
 Acq On : 18 Jun 2020 14:01
 Operator : SY/MD
 Sample : L3039-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M11

Quant Time: Jun 19 04:37:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357068	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347585	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172885	50.00	ug/L	0.00

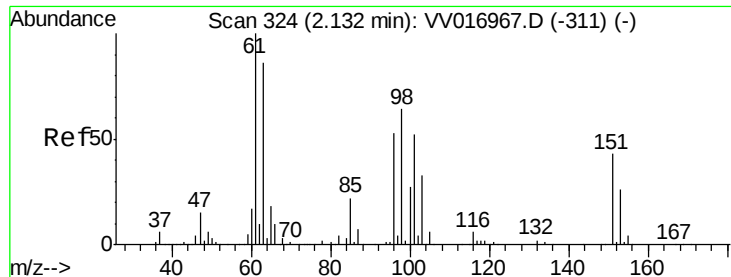
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88475	35.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.24%
7) Chloroethane-d5	1.58	69	67602	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.44%
11) 1,1-Dichloroethene-d2	2.12	63	140584	33.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.46%
21) 2-Butanone-d5	3.91	46	164038	87.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.97%
24) Chloroform-d	4.38	84	210249	41.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.08%
26) 1,2-Dichloroethane-d4	5.06	65	162766	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
32) Benzene-d6	5.08	84	432608	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.36%
36) 1,2-Dichloropropane-d6	6.09	67	134337	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.02%
41) Toluene-d8	7.34	98	404377	43.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.96%
43) trans-1,3-Dichloropropene-	7.64	79	69474	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.42%
47) 2-Hexanone-d5	8.11	63	99616	73.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171514	41.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	175812	47.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.30%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1233	0.649 ug/L #	21
20) cis-1,2-Dichloroethene	3.94	96	37665	14.298 ug/L	97
25) Chloroform	4.40	83	17380	3.718 ug/L	97
34) Trichloroethene	5.94	95	23128	8.385 ug/L	98
46) Tetrachloroethene	8.00	164	236963	109.239 ug/L	98
48) 2-Hexanone	8.16	43	7818	2.661 ug/L #	51
59) 1,2,3-Trichloropropane	11.27	75	19920	6.003 ug/L	89

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



#10

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

Concen: 0.649 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

F9M11

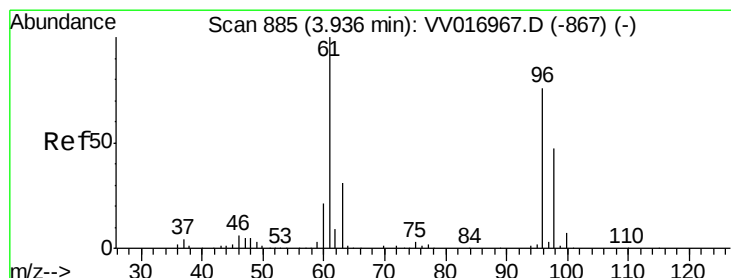
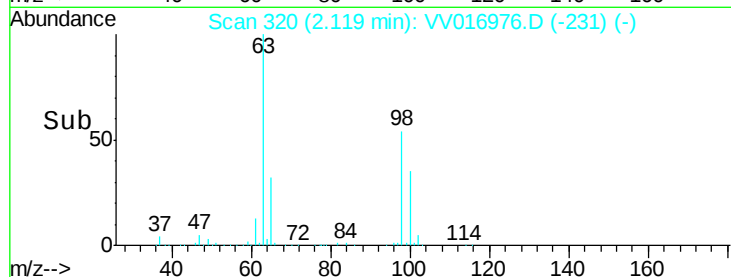
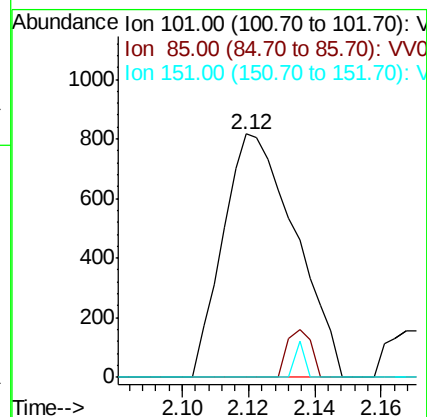
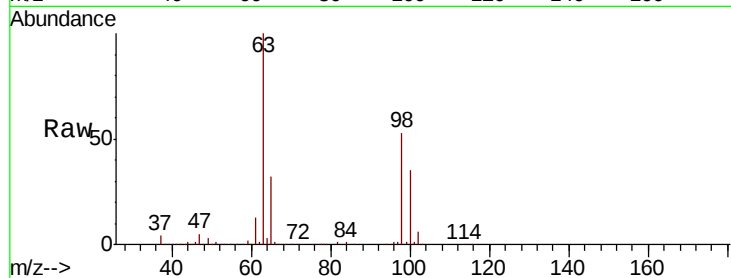
Tot Ion:101 Resp: 1233

Ion Ratio Lower Upper

101 100

85 6.5 35.5 53.3#

151 0.0 63.9 95.9#



#20

cis-1,2-Dichloroethene

Concen: 14.298 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016976.D

Acq: 18 Jun 2020 14:01

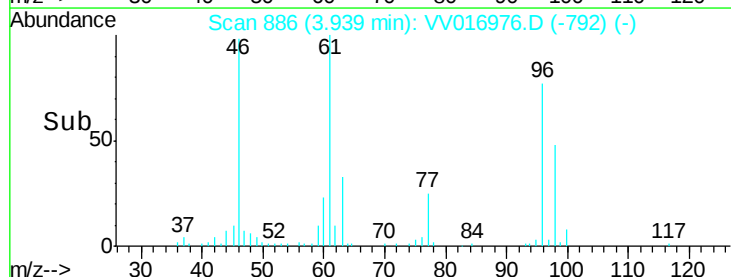
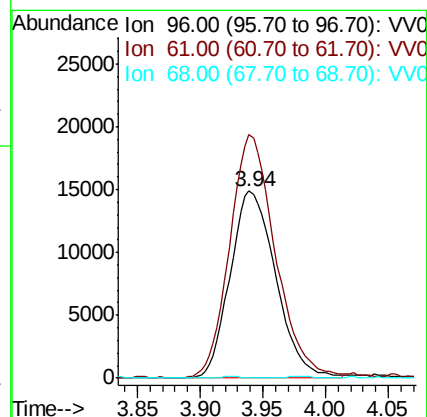
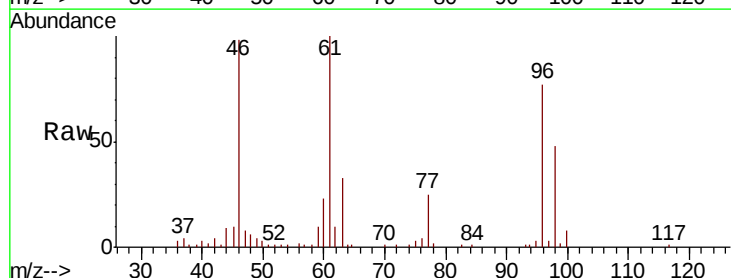
Tgt Ion: 96 Resp: 37665

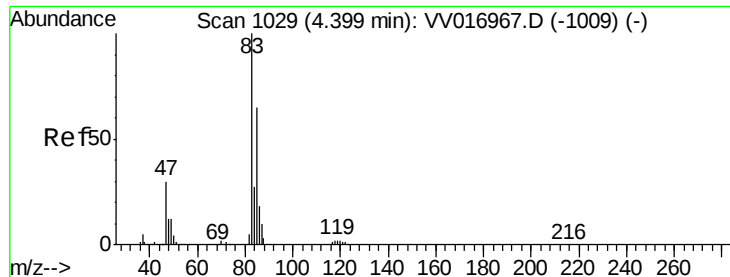
Ion Ratio Lower Upper

96 100

61 130.1 93.4 173.4

68 0.0 0.0 0.0

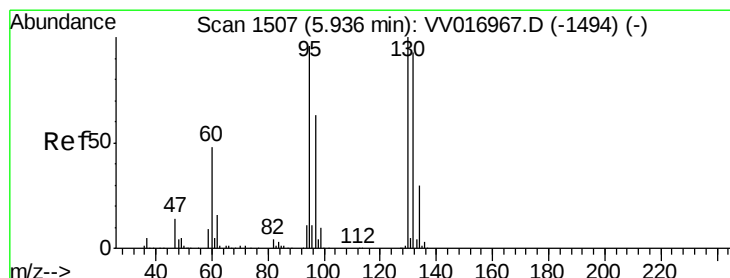
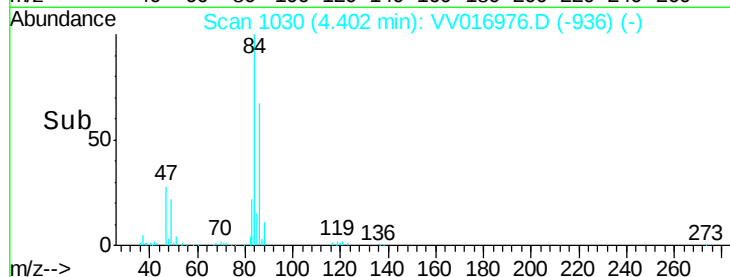
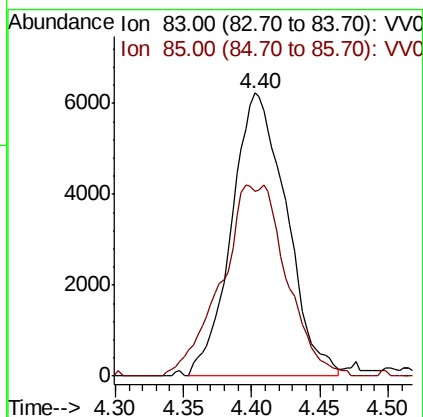
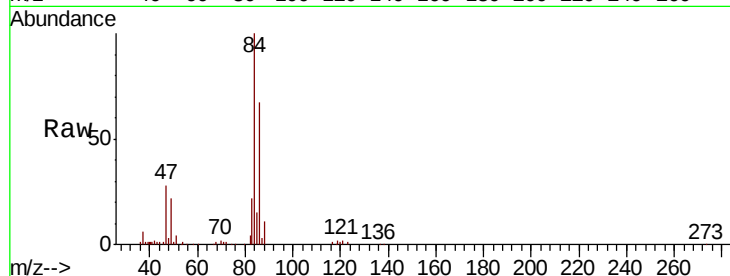




#25
Chloroform
Concen: 3.718 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV016976.D
Acq: 18 Jun 2020 14:01

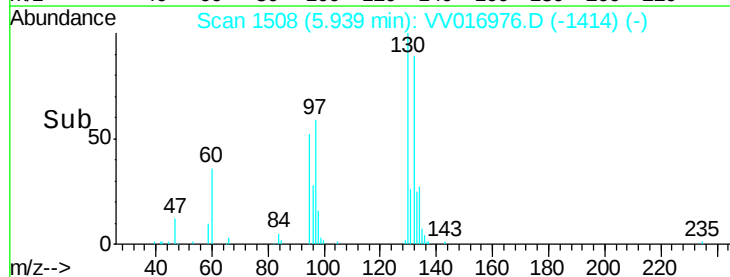
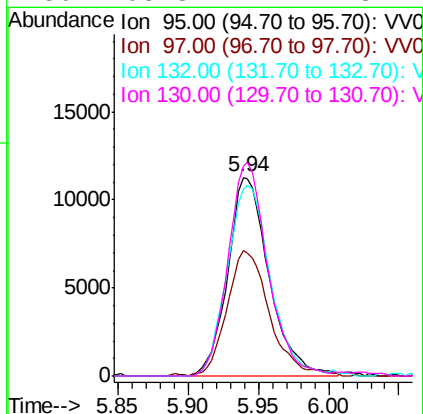
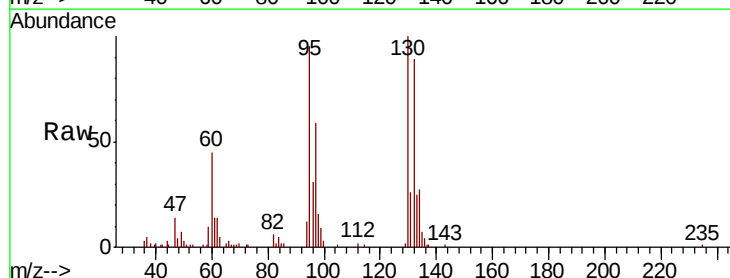
Instrument :
MSVOA_V
ClientSampleId :
F9M11

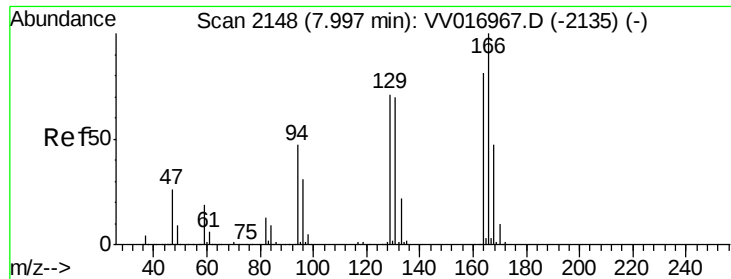
Tot Ion: 83 Resp: 17380
Ion Ratio Lower Upper
83 100
85 65.4 44.1 81.9



#34
Trichloroethene
Concen: 8.385 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016976.D
Acq: 18 Jun 2020 14:01

Tgt Ion: 95 Resp: 23128
Ion Ratio Lower Upper
95 100
97 62.9 44.3 82.3
132 94.2 67.9 126.1
130 105.8 72.2 134.2





#46

Tetrachloroethene

Concen: 109.239 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016976.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_V

ClientSampleId :

F9M11

Tot Ion:164 Resp: 236963

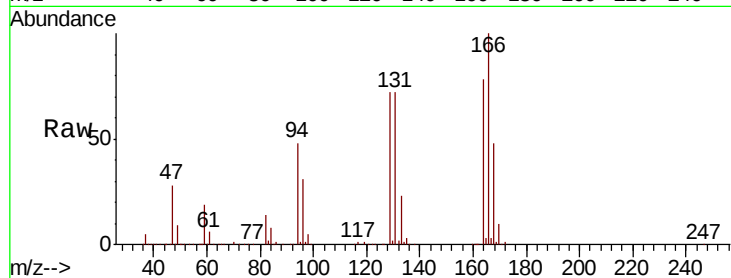
Ion Ratio Lower Upper

164 100

129 92.2 67.0 124.4

131 91.9 64.8 120.3

166 127.6 90.4 167.8

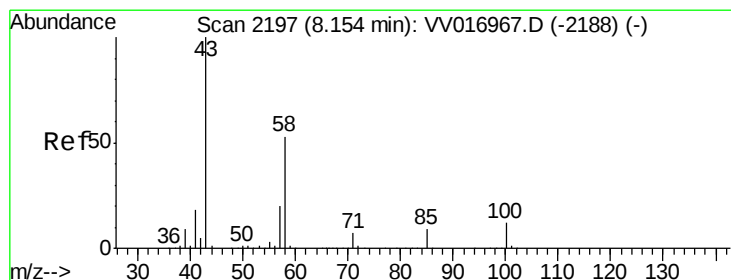
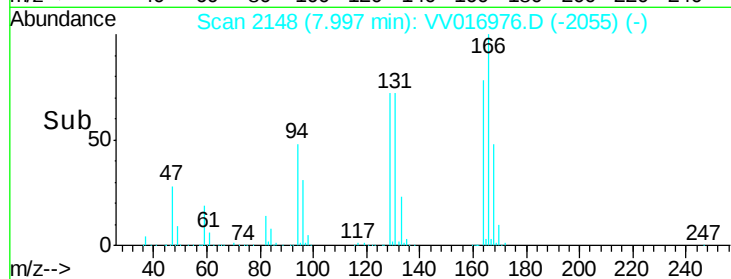
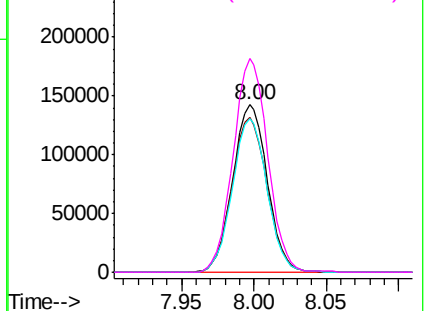


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.661 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016976.D

Acq: 18 Jun 2020 14:01

Tgt Ion: 43 Resp: 7818

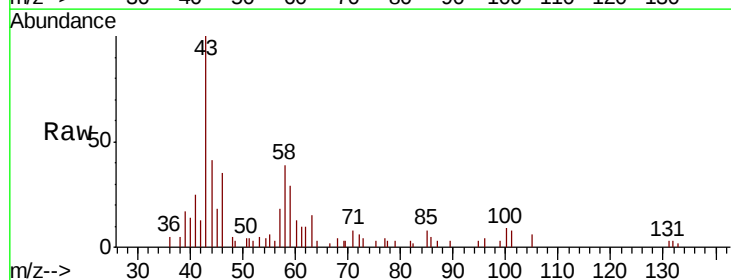
Ion Ratio Lower Upper

43 100

58 8.2 43.1 64.7#

57 9.0 15.3 22.9#

100 3.2 10.0 15.0#

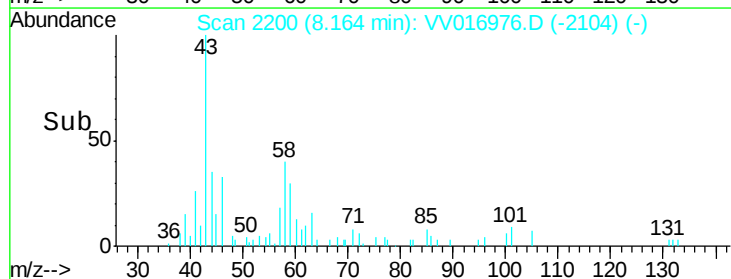
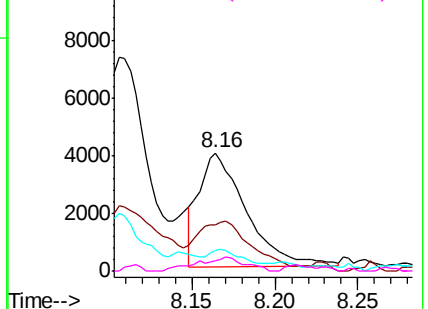


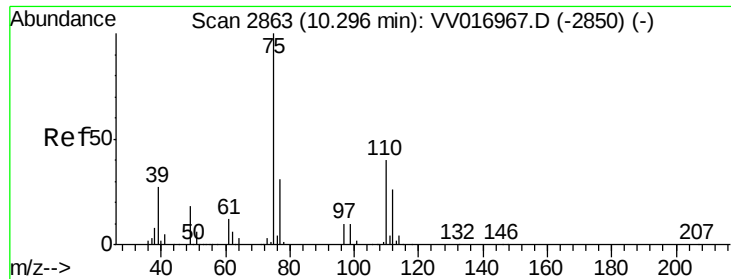
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 6.003 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016976.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_V

ClientSampleId :

F9M11

Tot Ion: 75 Resp: 19920

Ion Ratio Lower Upper

75 100

77 38.8 26.1 39.1

