

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016979.D
 Acq On : 18 Jun 2020 15:09
 Operator : SY/MD
 Sample : L3039-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 04:37:48 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	353617	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156673	50.00	ug/L	0.00

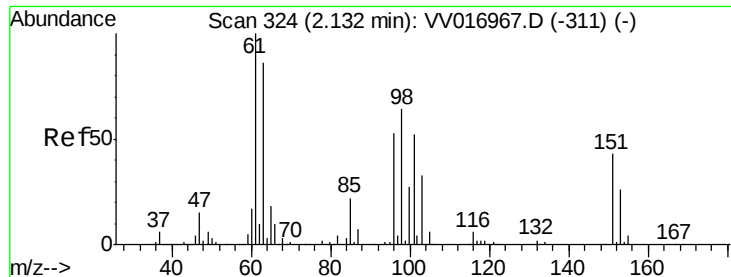
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85473	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.52%
7) Chloroethane-d5	1.58	69	64180	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.74%
11) 1,1-Dichloroethene-d2	2.19	63	384	0.09	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.18%#
21) 2-Butanone-d5	3.91	46	165976	89.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.87%
24) Chloroform-d	4.38	84	219754	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
26) 1,2-Dichloroethane-d4	5.06	65	161383	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
32) Benzene-d6	5.08	84	425821	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
36) 1,2-Dichloropropane-d6	6.09	67	131260	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.04%
41) Toluene-d8	7.34	98	395013	45.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.64	79	66090	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.12%
47) 2-Hexanone-d5	8.11	63	99077	76.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167429	42.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	162875	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1488	0.791 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1450	0.826 ug/L #	1
13) Acetone	2.20	43	2289	1.881 ug/L	54
20) cis-1,2-Dichloroethene	3.94	96	35191	13.489 ug/L	96
34) Trichloroethene	5.94	95	19472	7.395 ug/L	95
46) Tetrachloroethene	8.00	164	207936	100.402 ug/L	99
48) 2-Hexanone	8.17	43	9335	3.327 ug/L #	84

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



#10

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

Concen: 0.791 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016979.D

Acq: 18 Jun 2020 15:09

Instrument :

MSVOA_V

ClientSampled :

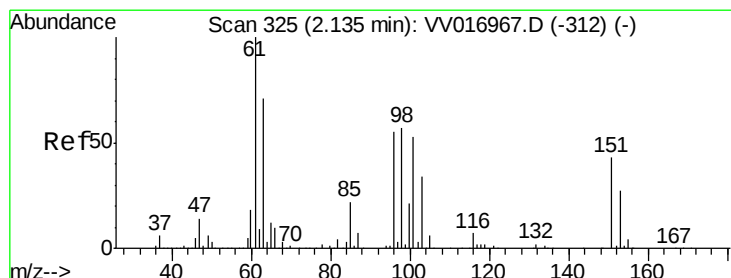
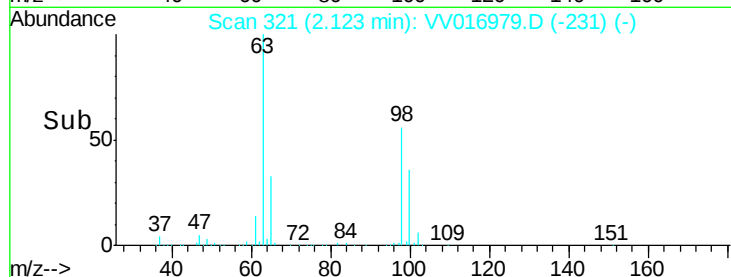
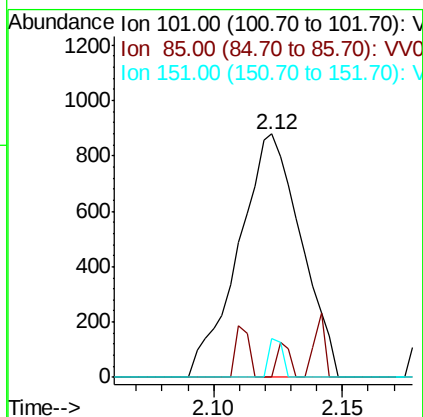
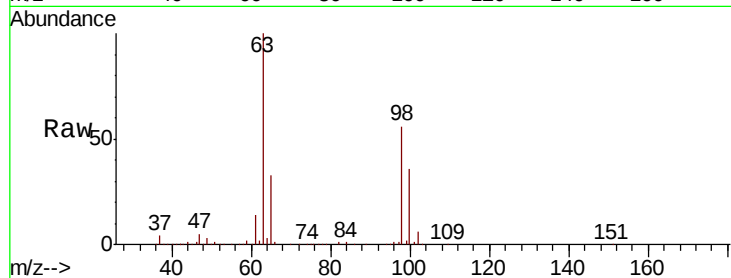
Tot Ion:101 Resp: 1488

Ion Ratio Lower Upper

101 100

85 3.0 35.5 53.3#

151 3.4 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.826 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV016979.D

Acq: 18 Jun 2020 15:09

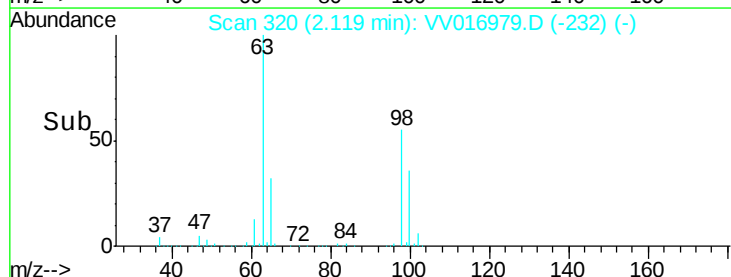
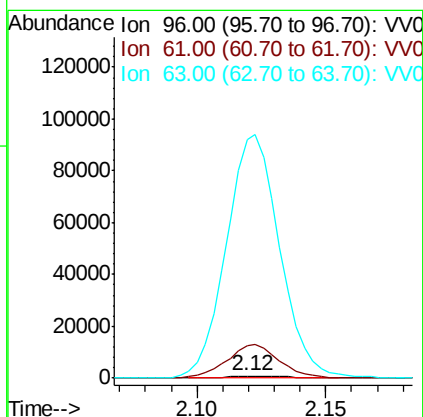
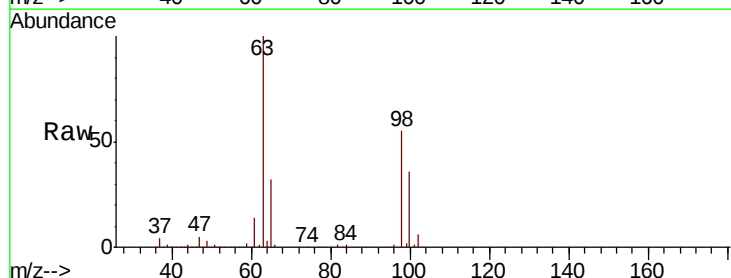
Tgt Ion: 96 Resp: 1450

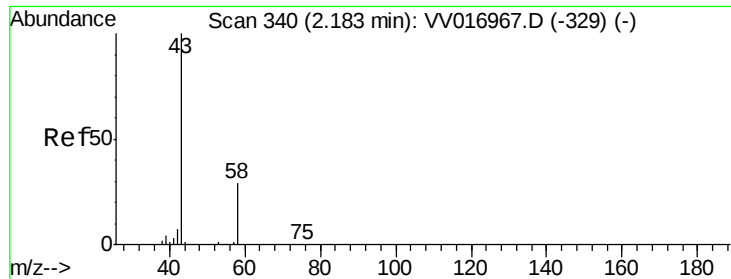
Ion Ratio Lower Upper

96 100

61 1421.1 130.4 242.2#

63 10473.6 103.3 191.9#





#13

Acetone

Concen: 1.881 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.02 min

Lab File: VV016979.D

Acq: 18 Jun 2020 15:09

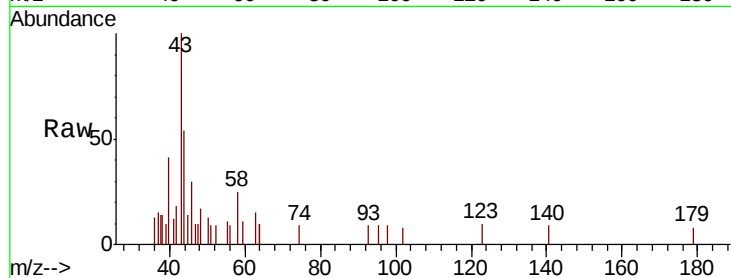
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 2289

Ion Ratio Lower Upper

43 100

58 3.5 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016979.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VV016979.D (-247) (-)

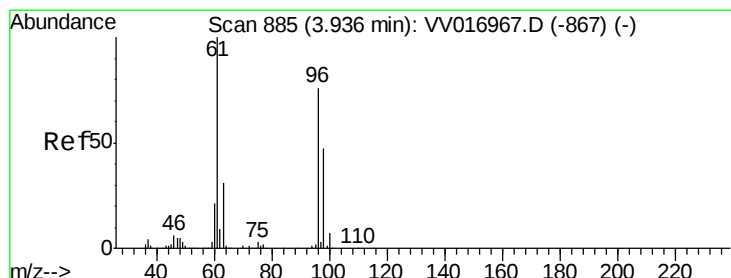
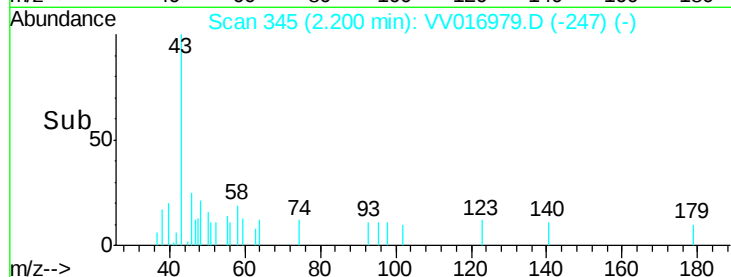
2.20

1000

500

0

Time-->



#20

cis-1,2-Dichloroethene

Concen: 13.489 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016979.D

Acq: 18 Jun 2020 15:09

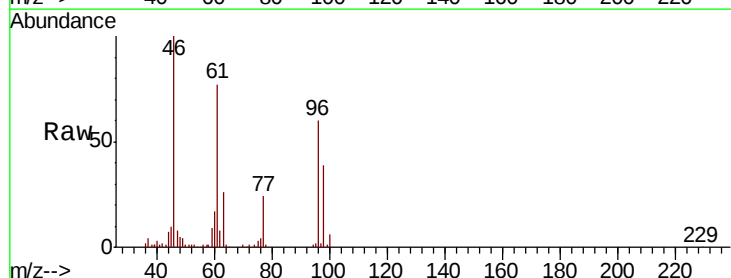
Tgt Ion: 96 Resp: 35191

Ion Ratio Lower Upper

96 100

61 128.4 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016979.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV016979.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV016979.D (-792) (-)

25000

20000

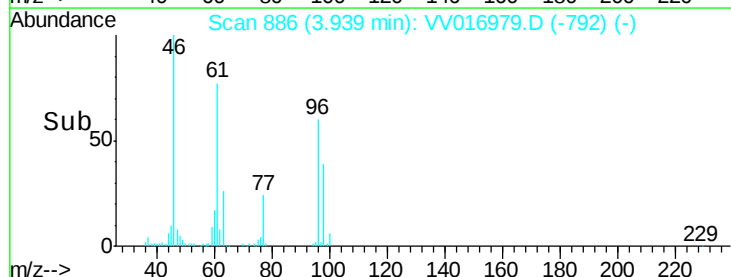
15000

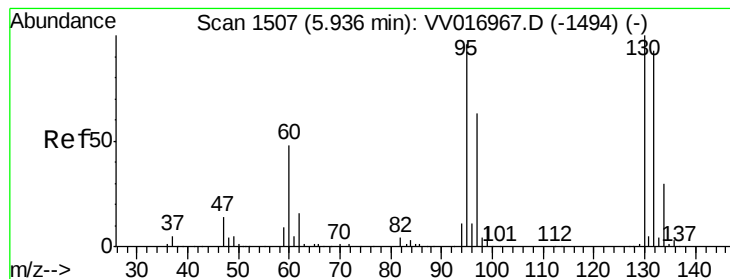
10000

5000

0

Time-->





#34

Trichloroethene

Concen: 7.395 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016979.D

Acq: 18 Jun 2020 15:09

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 19472

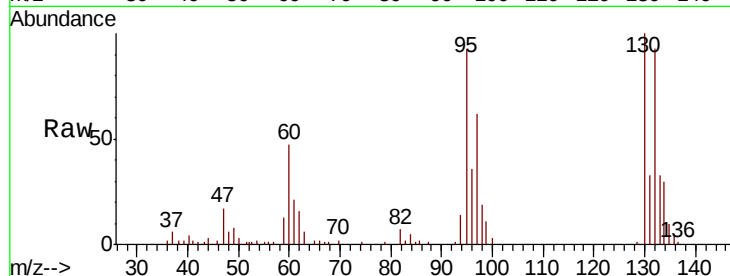
Ion Ratio Lower Upper

95 100

97 67.3 44.3 82.3

132 100.8 67.9 126.1

130 108.4 72.2 134.2

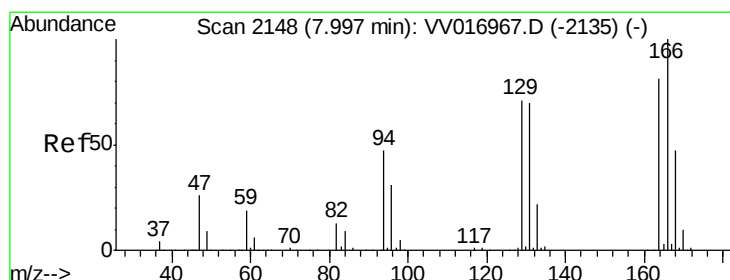
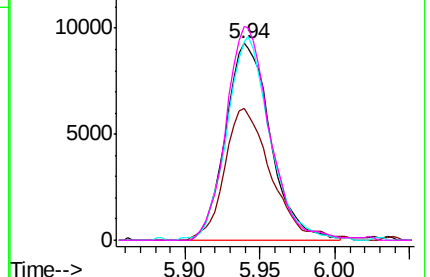
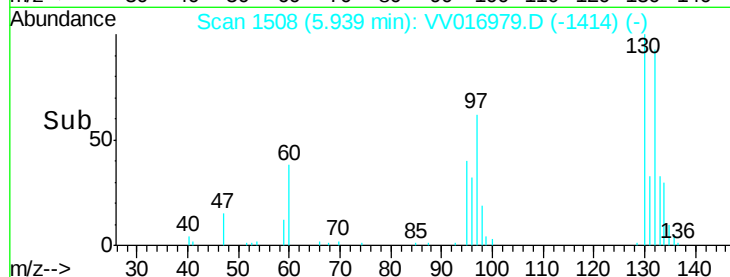


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 100.402 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016979.D

Acq: 18 Jun 2020 15:09

Tgt Ion:164 Resp: 207936

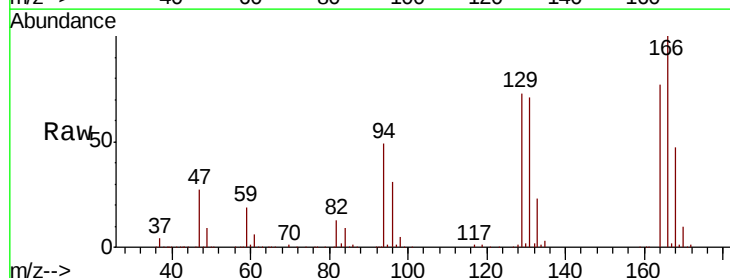
Ion Ratio Lower Upper

164 100

129 94.4 67.0 124.4

131 91.8 64.8 120.3

166 129.2 90.4 167.8

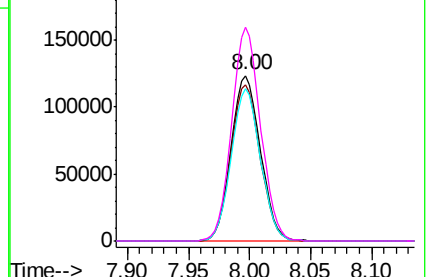
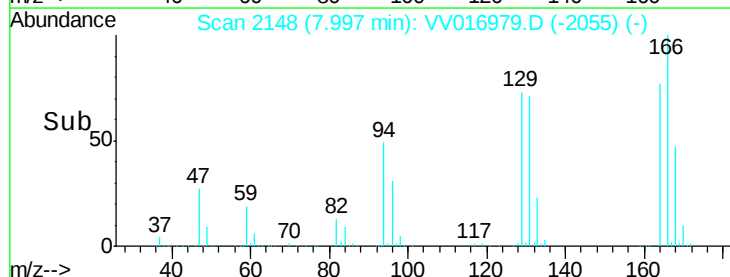


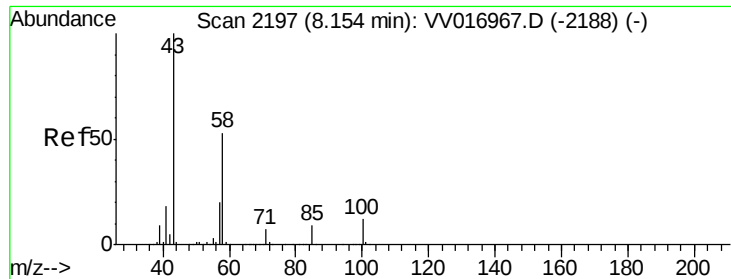
Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.327 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV016979.D
 Acq: 18 Jun 2020 15:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 9335
 Ion Ratio Lower Upper
 43 100
 58 46.6 43.1 64.7
 57 0.7 15.3 22.9#
 100 12.8 10.0 15.0

