

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016589.D
 Acq On : 06 Jun 2020 14:52
 Operator : SY/MD
 Sample : L2895-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K3

Quant Time: Jun 06 23:50:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378171	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	353851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169143	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94601	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.64%
7) Chloroethane-d5	1.56	69	71835	37.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.30%
11) 1,1-Dichloroethene-d2	2.12	63	136461	28.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.48%#
21) 2-Butanone-d5	3.89	46	180285	105.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.26%
24) Chloroform-d	4.37	84	223563	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
26) 1,2-Dichloroethane-d4	5.05	65	157931	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
32) Benzene-d6	5.07	84	441436	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.09	67	140528	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.16%
41) Toluene-d8	7.34	98	399256	46.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.76%
43) trans-1,3-Dichloropropene-	7.64	79	67599	46.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.94%
47) 2-Hexanone-d5	8.11	63	135729	107.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190320	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	163674	51.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.98%

Target Compounds

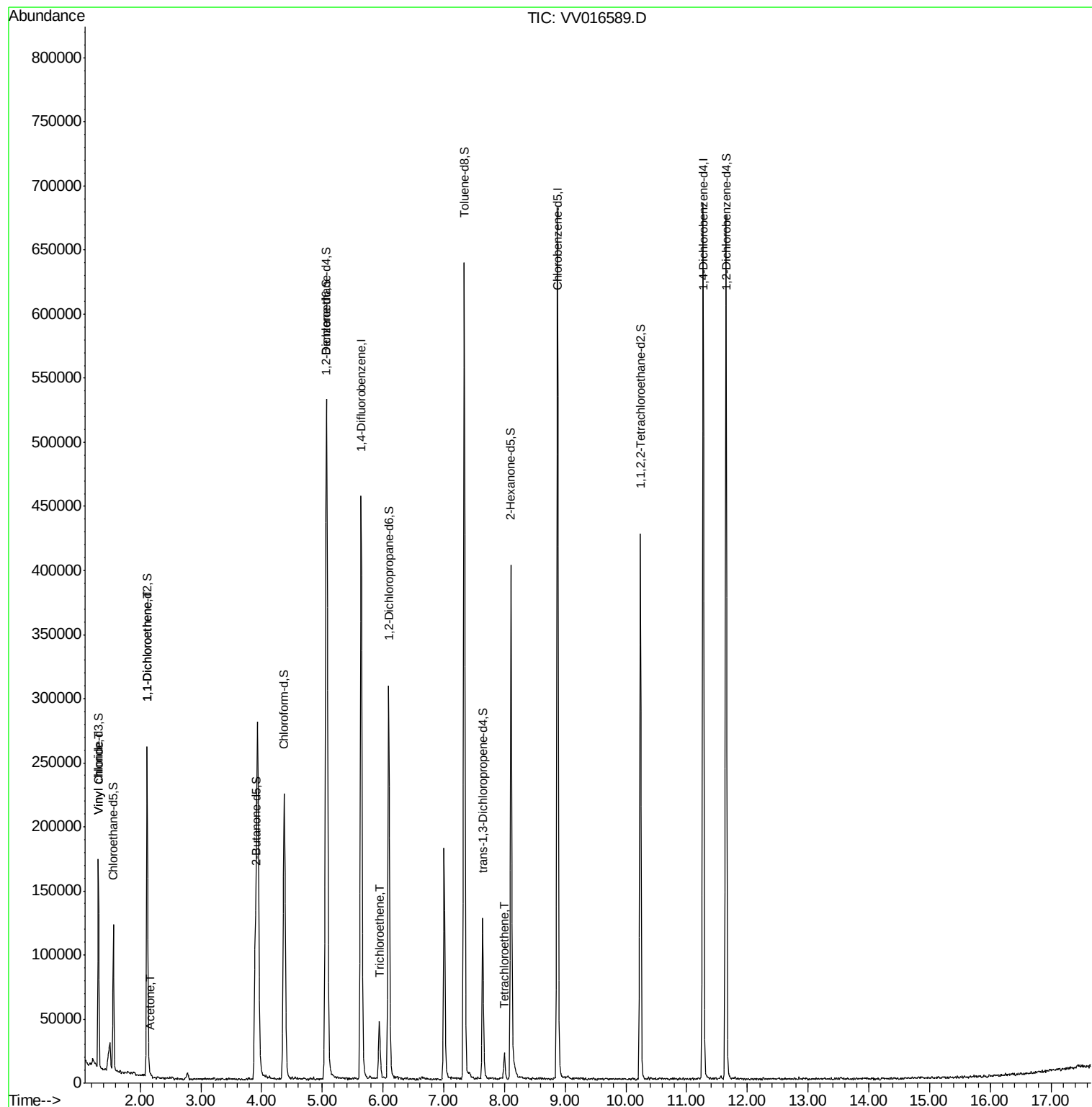
					Ovalue
5) Vinyl chloride	1.32	62	3421	1.178 ug/L #	47
12) 1,1-Dichloroethene	2.12	96	1549	0.738 ug/L #	1
13) Acetone	2.17	43	1538	0.961 ug/L	54
34) Trichloroethene	5.94	95	15236	5.580 ug/L	96
46) Tetrachloroethene	8.00	164	4424	2.101 ug/L	96

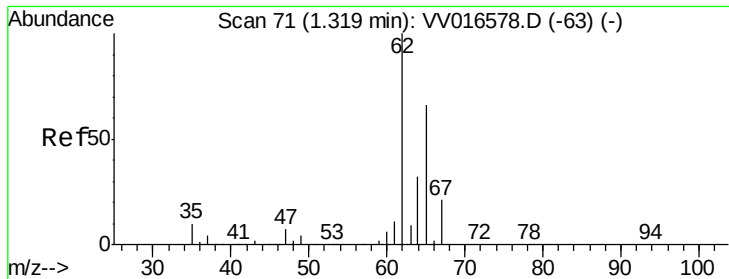
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.178 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

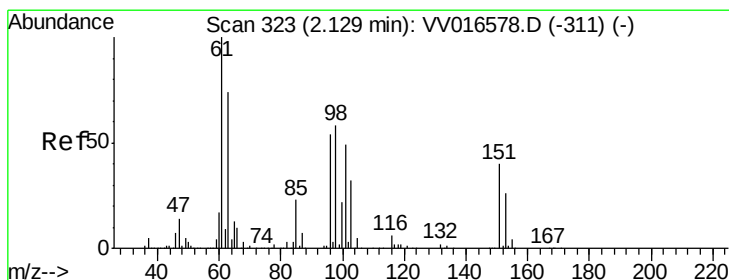
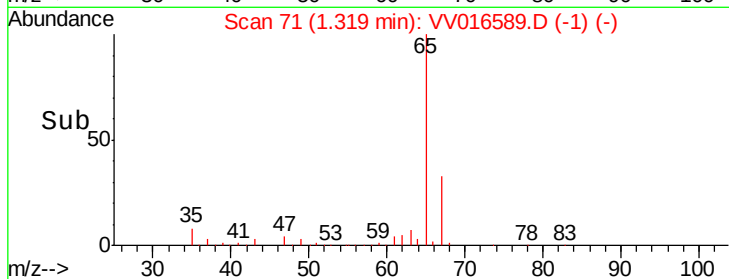
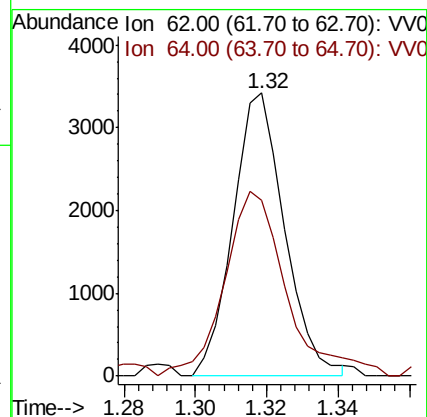
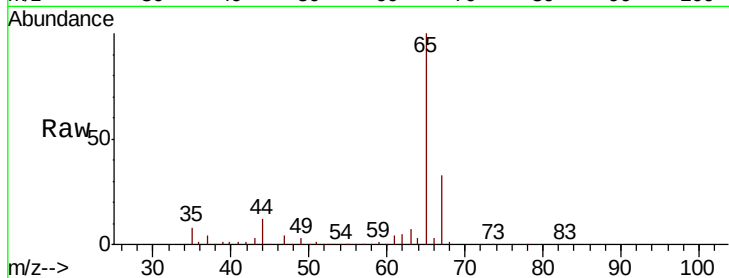
EW0K3

Tot Ion: 62 Resp: 3421

Ion Ratio Lower Upper

62 100

64 62.2 22.7 42.1#



#12

1,1-Dichloroethene

Concen: 0.738 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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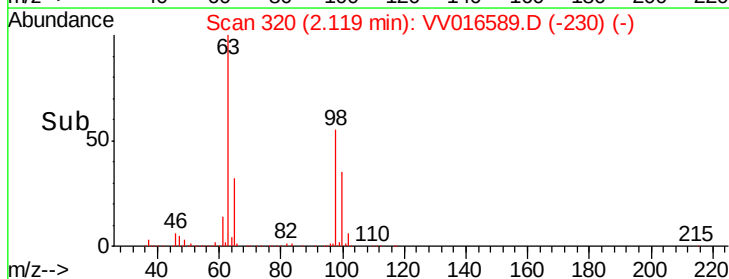
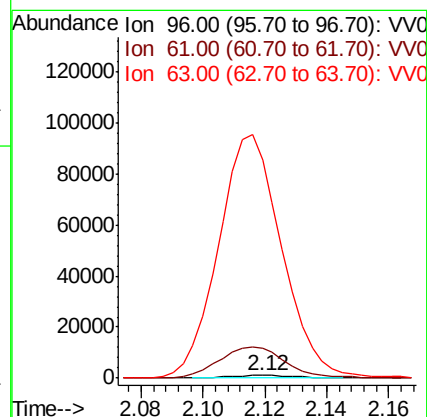
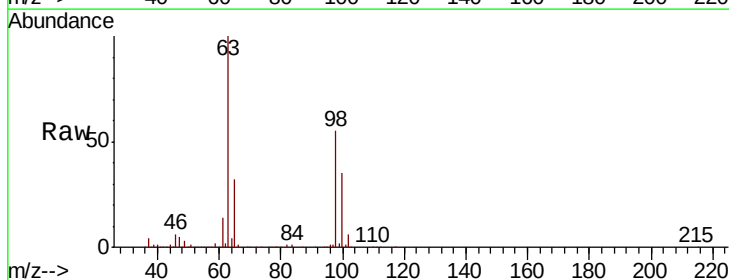
Tgt Ion: 96 Resp: 1549

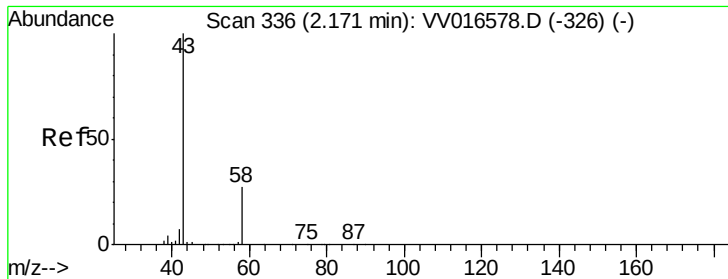
Ion Ratio Lower Upper

96 100

61 1111.0 125.5 233.1#

63 8022.5 104.0 193.1#





#13

Acetone

Concen: 0.961 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016589.D

Acq: 06 Jun 2020 14:52

Instrument :

MSVOA_V

ClientSampleId :

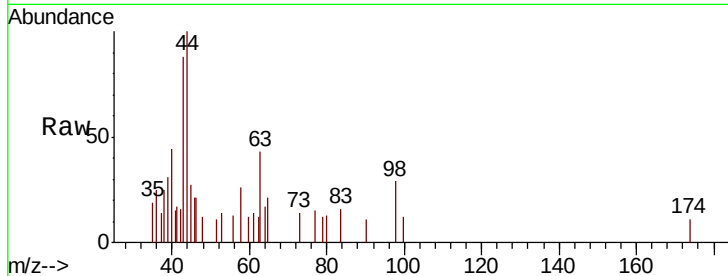
EW0K3

Tot Ion: 43 Resp: 1538

Ion Ratio Lower Upper

43 100

58 4.4 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016578.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV016578.D (-326) (-)

2.17

800

600

400

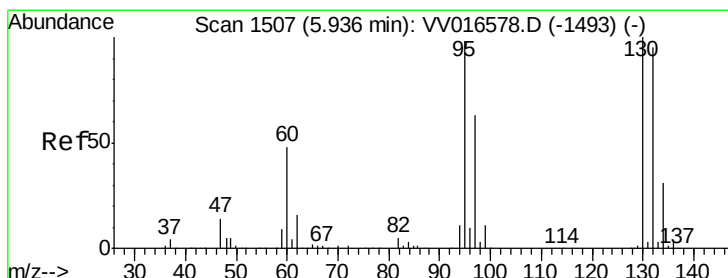
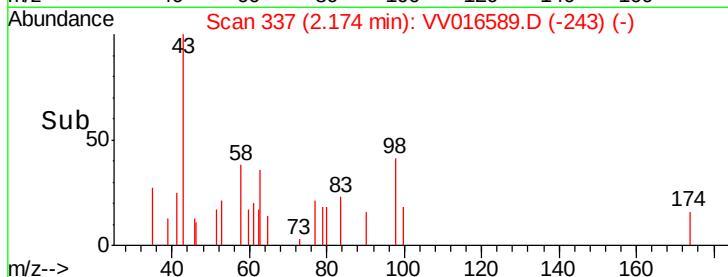
200

0

2.15

2.20

Time-->



#34

Trichloroethene

Concen: 5.580 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016589.D

Acq: 06 Jun 2020 14:52

Tgt Ion: 95 Resp: 15236

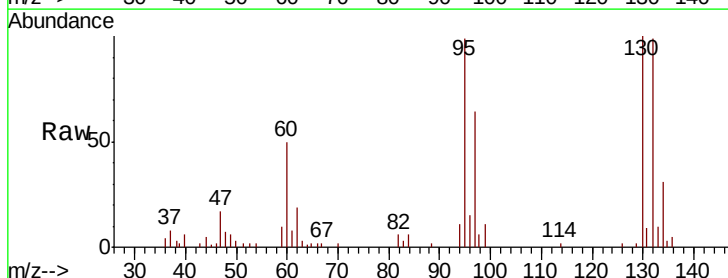
Ion Ratio Lower Upper

95 100

97 64.4 42.8 79.6

132 99.6 65.6 121.8

130 100.5 69.0 128.1



Abundance Ion 95.00 (94.70 to 95.70): VV016578.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV016578.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV016578.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV016578.D (-1493) (-)

12000

10000

8000

6000

4000

2000

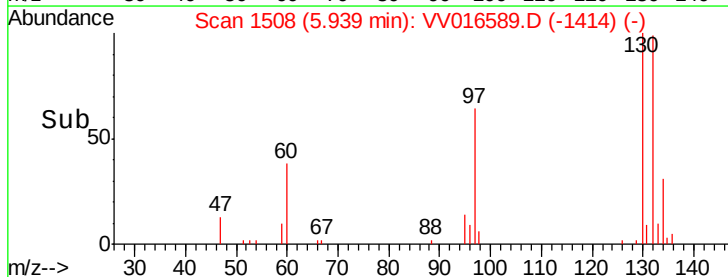
0

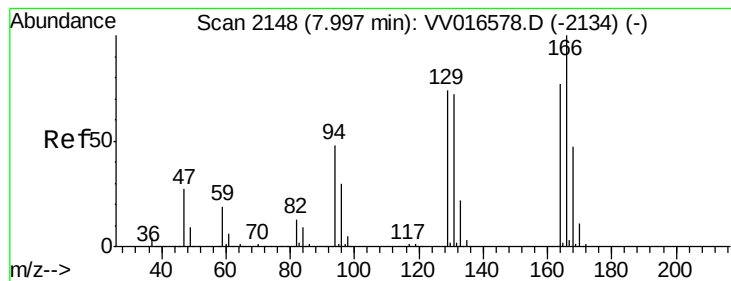
5.90

5.95

6.00

Time-->





#46

Tetrachloroethene

Concen: 2.101 ug/L

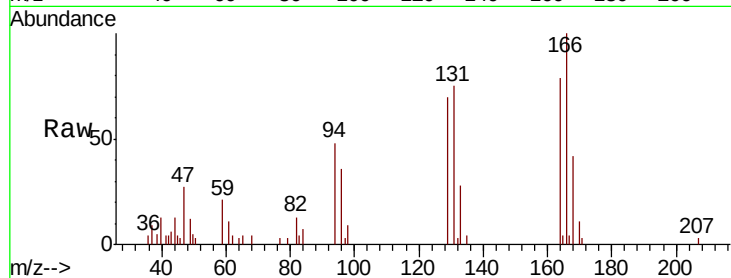
RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016589.D

Acq: 06 Jun 2020 14:52

Instrument :
MSVOA_V
ClientSampleId :
EW0K3



Tot Ion:164 Resp: 4424

Ion Ratio Lower Upper

164 100

129 89.3 67.7 125.7

131 96.0 63.8 118.6

166 127.2 88.7 164.7

