

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016701.D
 Acq On : 09 Jun 2020 08:50
 Operator : SY/MD
 Sample : L2872-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFEP6

Quant Time: Jun 10 00:36:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:34:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	370318	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	349074	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161748	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102114	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.16%
7) Chloroethane-d5	1.56	69	75502	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.30%
11) 1,1-Dichloroethene-d2	2.12	63	142803	32.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.08%
21) 2-Butanone-d5	3.89	46	186526	96.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.45%
24) Chloroform-d	4.37	84	236556	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	5.05	65	171128	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
32) Benzene-d6	5.07	84	465955	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
36) 1,2-Dichloropropane-d6	6.09	67	145260	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.34	98	415743	45.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.04%
43) trans-1,3-Dichloropropene-	7.64	79	66316	40.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.18%
47) 2-Hexanone-d5	8.11	63	121472	88.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	192733	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	167910	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%

Target Compounds

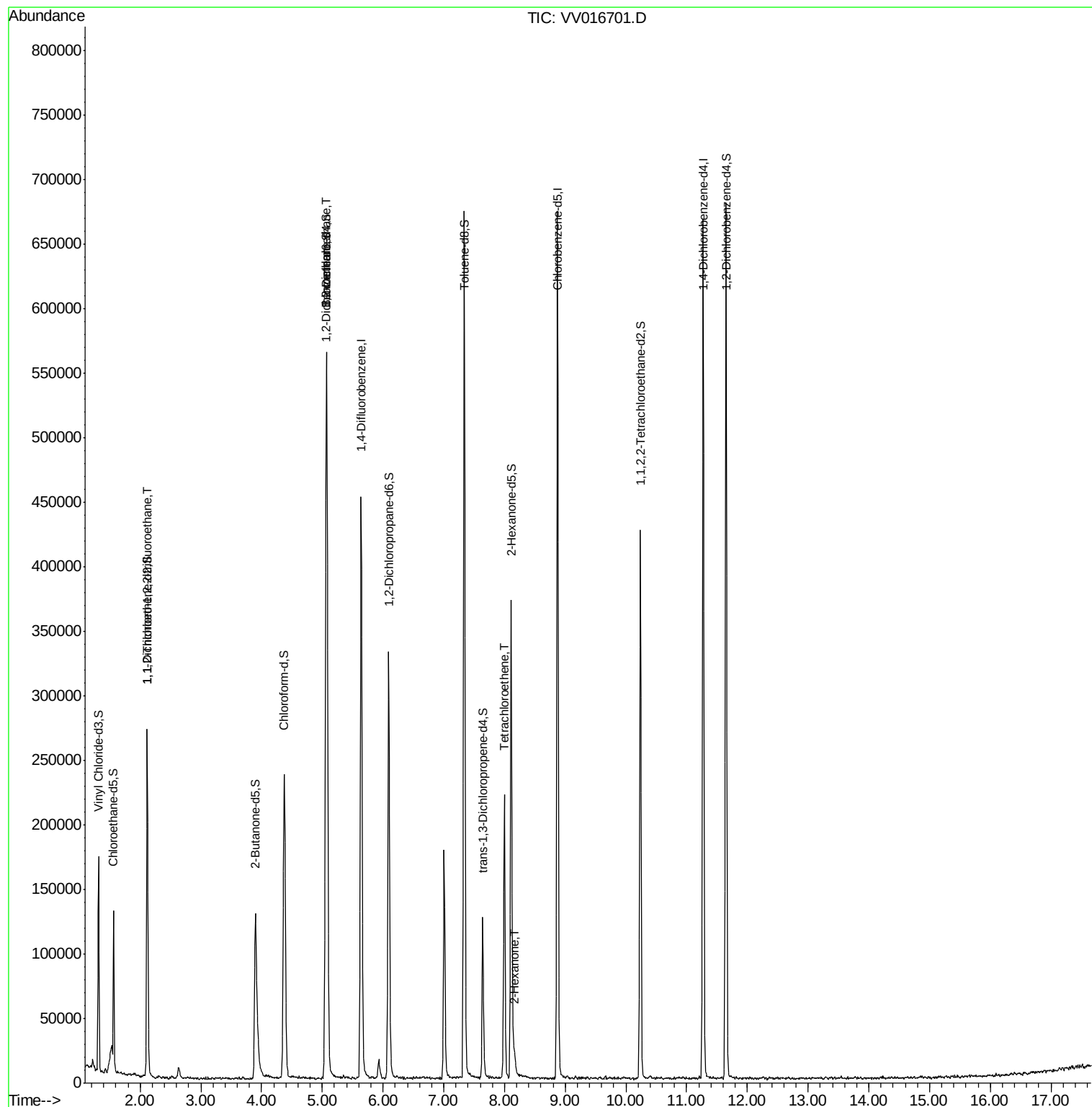
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1537	0.781 ug/L #	22
27) 1,2-Dichloroethane	5.07	62	3077	0.757 ug/L	96
46) Tetrachloroethene	8.00	164	48862	22.429 ug/L	95
48) 2-Hexanone	8.17	43	10771	3.650 ug/L #	55

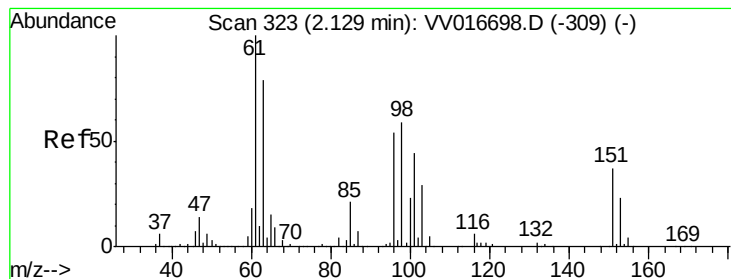
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.781 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016701.D

Acq: 09 Jun 2020 08:50

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MSVOA_V

ClientSampleId :

BFEP6

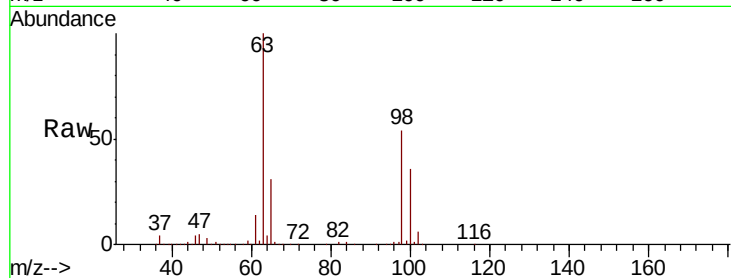
Tot Ion:101 Resp: 1537

Ion Ratio Lower Upper

101 100

85 3.4 35.5 53.3#

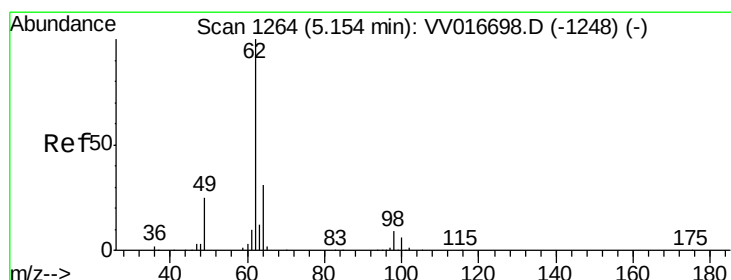
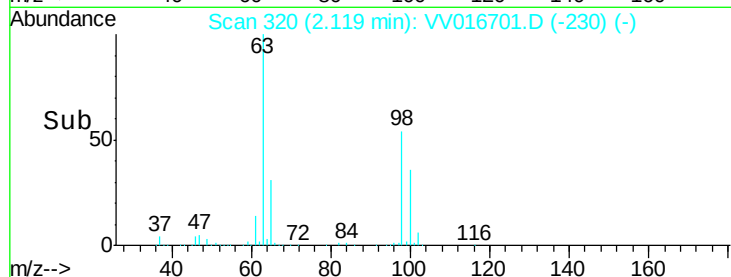
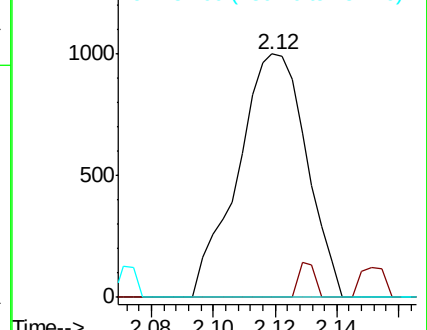
151 3.1 63.9 95.9#



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



#27

1,2-Dichloroethane

Concen: 0.757 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV016701.D

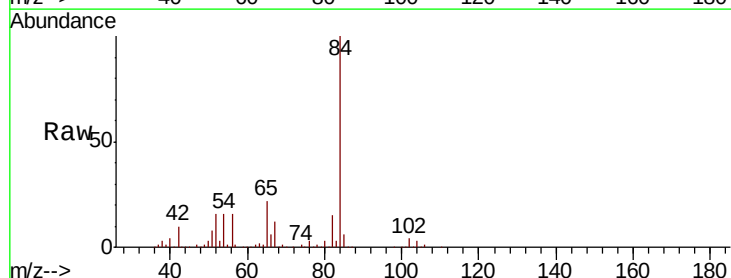
Acq: 09 Jun 2020 08:50

Tgt Ion: 62 Resp: 3077

Ion Ratio Lower Upper

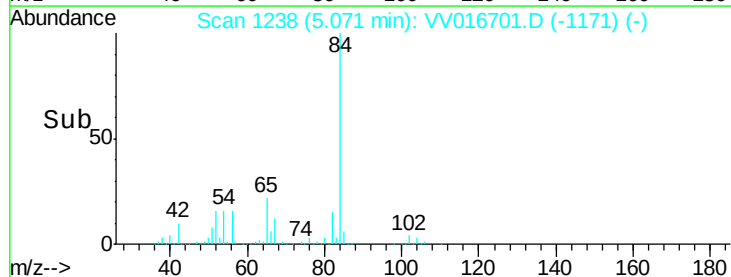
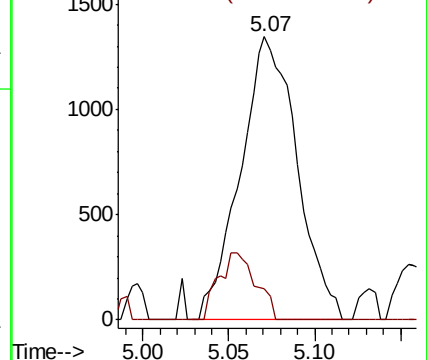
62 100

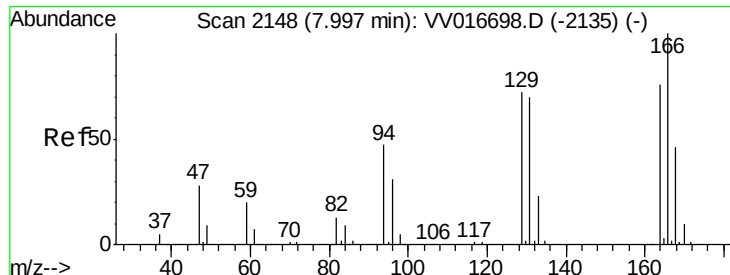
98 10.9 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 22.429 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016701.D

Acq: 09 Jun 2020 08:50

Instrument :

MSVOA_V

ClientSampled :

BFEP6

Tot Ion:164 Resp: 48862

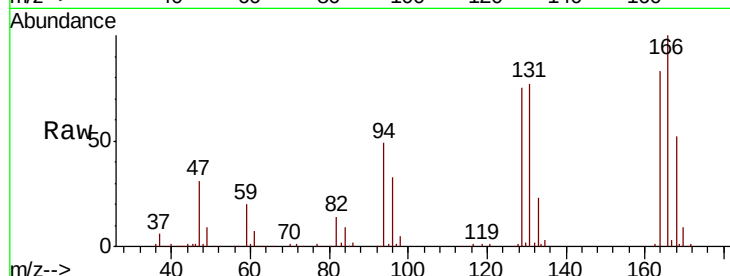
Ion Ratio Lower Upper

164 100

129 90.1 67.0 124.4

131 92.3 64.8 120.3

166 120.6 90.4 167.8

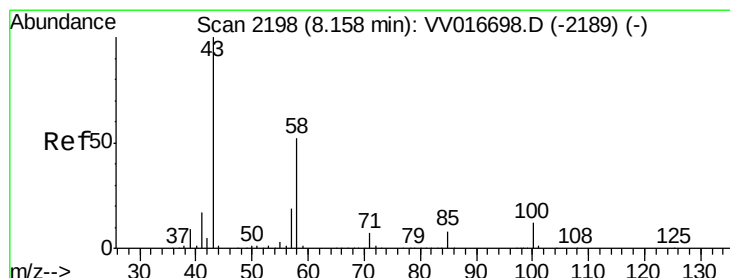
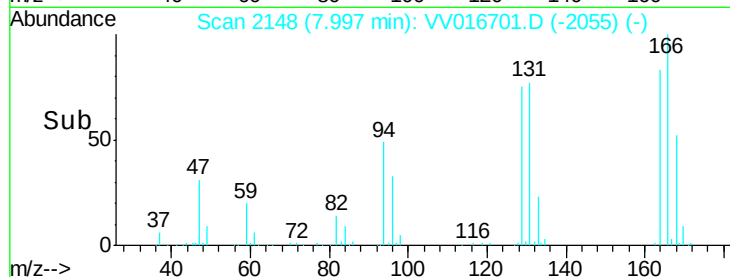
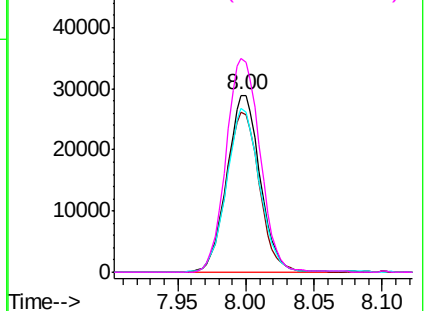


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.650 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016701.D

Acq: 09 Jun 2020 08:50

Tgt Ion: 43 Resp: 10771

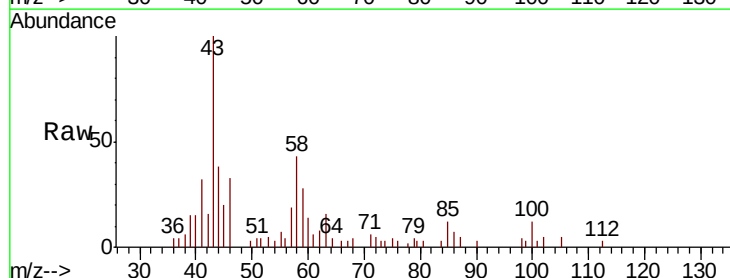
Ion Ratio Lower Upper

43 100

58 8.7 43.1 64.7#

57 13.9 15.3 22.9#

100 5.7 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

