

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016700.D
 Acq On : 09 Jun 2020 08:27
 Operator : SY/MD
 Sample : L2862-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E28

Quant Time: Jun 10 00:36:40 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	365498	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	341559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155507	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103714	40.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.42%
7) Chloroethane-d5	1.56	69	60965	39.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.12	63	144057	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.90	46	193115	101.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.17%
24) Chloroform-d	4.37	84	239064	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
26) 1,2-Dichloroethane-d4	5.05	65	172858	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.07	84	470396	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
36) 1,2-Dichloropropane-d6	6.09	67	148785	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.96%
41) Toluene-d8	7.34	98	416581	46.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.22%
43) trans-1,3-Dichloropropene-	7.64	79	66322	41.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.98%
47) 2-Hexanone-d5	8.11	63	121565	90.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	197826	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	166055	50.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.08%

Target Compounds

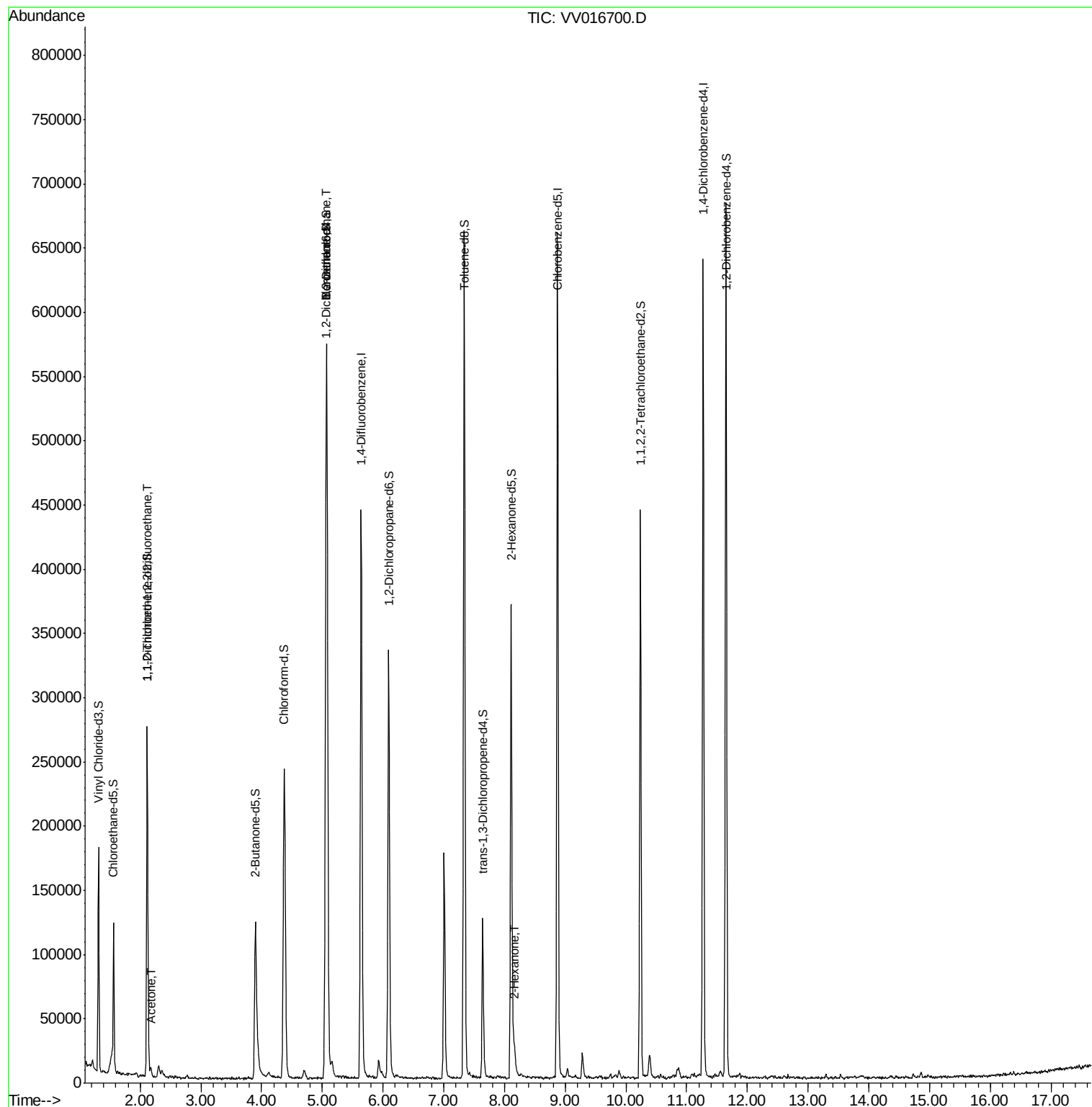
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1376	0.708 ug/L #	21
13) Acetone	2.18	43	6454	5.132 ug/L	81
27) 1,2-Dichloroethane	5.07	62	3463	0.863 ug/L	98
48) 2-Hexanone	8.17	43	12394	4.292 ug/L #	87

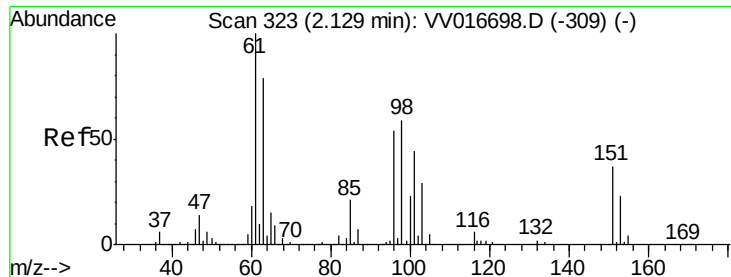
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.708 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016700.D

Acq: 09 Jun 2020 08:27

Instrument :

MSVOA_V

ClientSampleId :

F9E28

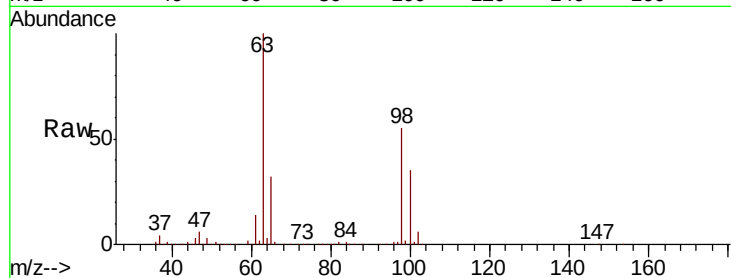
Tot Ion:101 Resp: 1376

Ion Ratio Lower Upper

101 100

85 6.8 35.5 53.3#

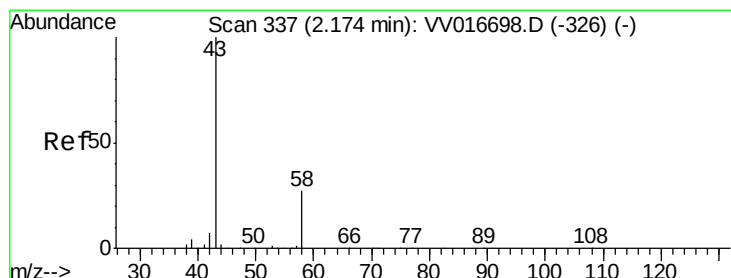
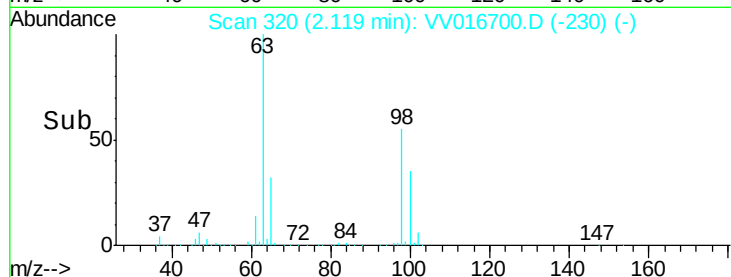
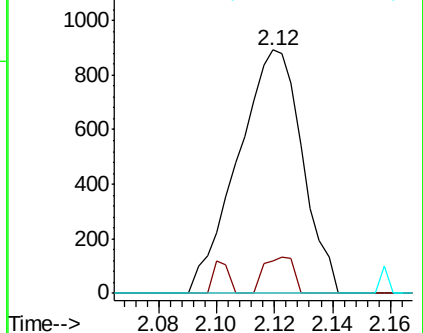
151 0.0 63.9 95.9#



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



#13

Acetone

Concen: 5.132 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV016700.D

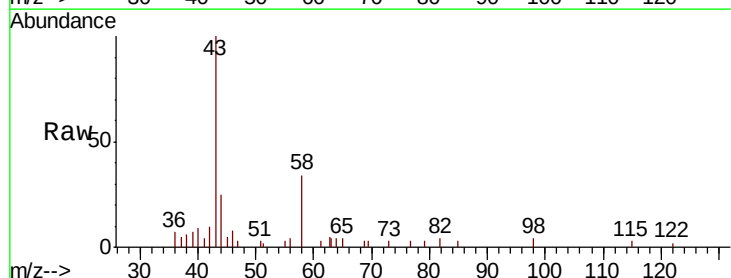
Acq: 09 Jun 2020 08:27

Tgt Ion: 43 Resp: 6454

Ion Ratio Lower Upper

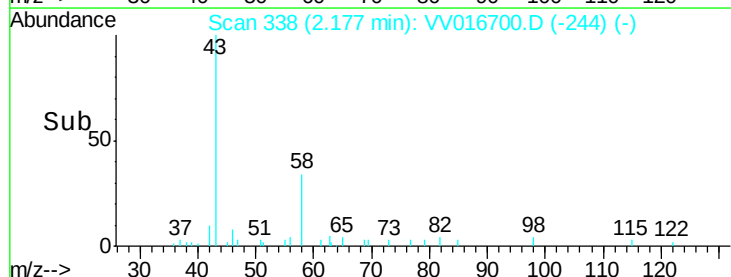
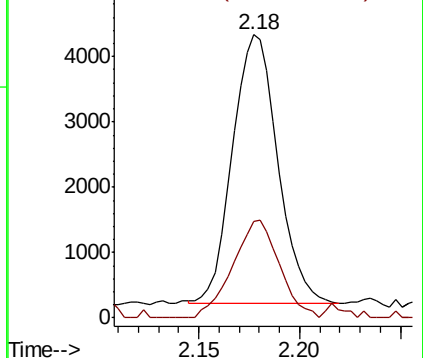
43 100

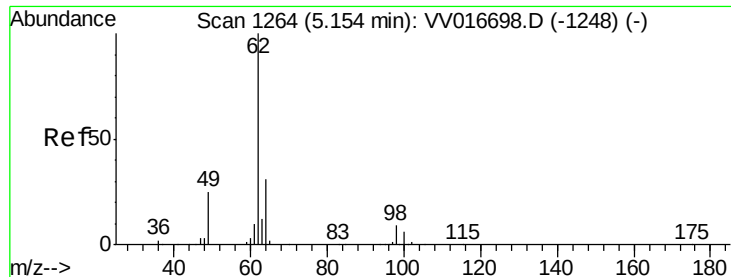
58 37.3 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

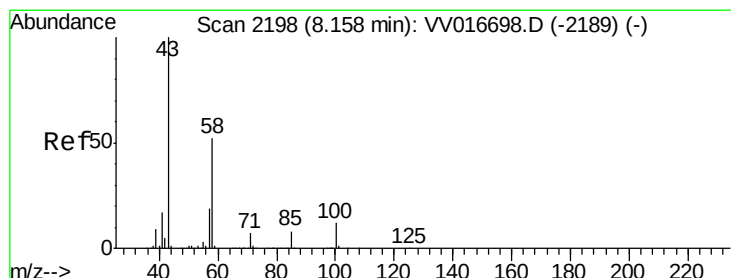
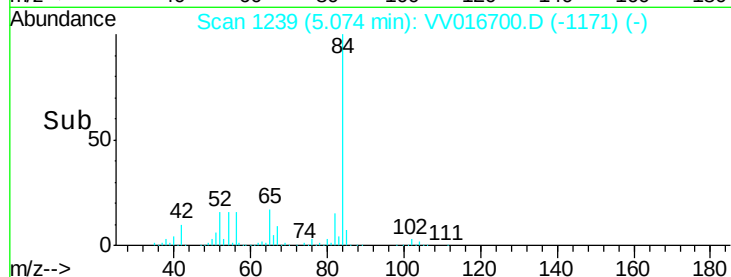
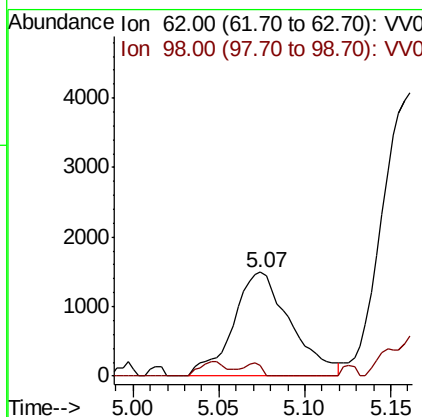
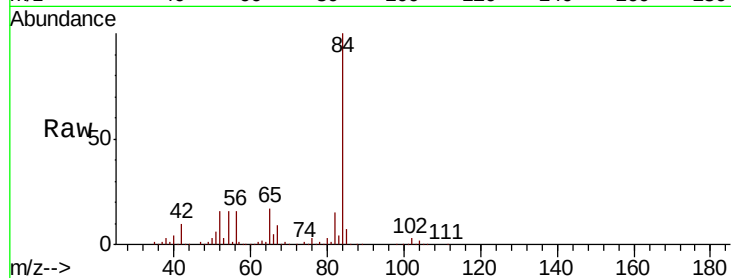




#27
 1,2-Dichloroethane
 Concen: 0.863 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016700.D
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Instrument :
 MSVOA_V
 ClientSampled :
 F9E28

Tot Ion: 62 Resp: 3463
 Ion Ratio Lower Upper
 62 100
 98 10.2 7.4 11.2



#48
 2-Hexanone
 Concen: 4.292 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV016700.D
 Acq: 09 Jun 2020 08:27

Tgt Ion: 43 Resp: 12394
 Ion Ratio Lower Upper
 43 100
 58 53.3 43.1 64.7
 57 0.0 15.3 22.9#
 100 5.7 10.0 15.0#

