

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016711.D
 Acq On : 09 Jun 2020 12:53
 Operator : SY/MD
 Sample : L2901-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTY6

Quant Time: Jun 10 00:38:27 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	360785	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166839	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	85675	33.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.30%
7) Chloroethane-d5	1.56	69	64981	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.08%
11) 1,1-Dichloroethene-d2	2.12	63	121074	28.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.64%#
21) 2-Butanone-d5	3.89	46	174822	92.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.78%
24) Chloroform-d	4.37	84	212699	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.18%
26) 1,2-Dichloroethane-d4	5.05	65	154836	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
32) Benzene-d6	5.07	84	415544	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.96%
36) 1,2-Dichloropropane-d6	6.09	67	132094	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.62%
41) Toluene-d8	7.34	98	376708	41.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.94%
43) trans-1,3-Dichloropropene-	7.64	79	63525	39.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.06%
47) 2-Hexanone-d5	8.11	63	112558	83.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177467	43.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	163168	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%

Target Compounds

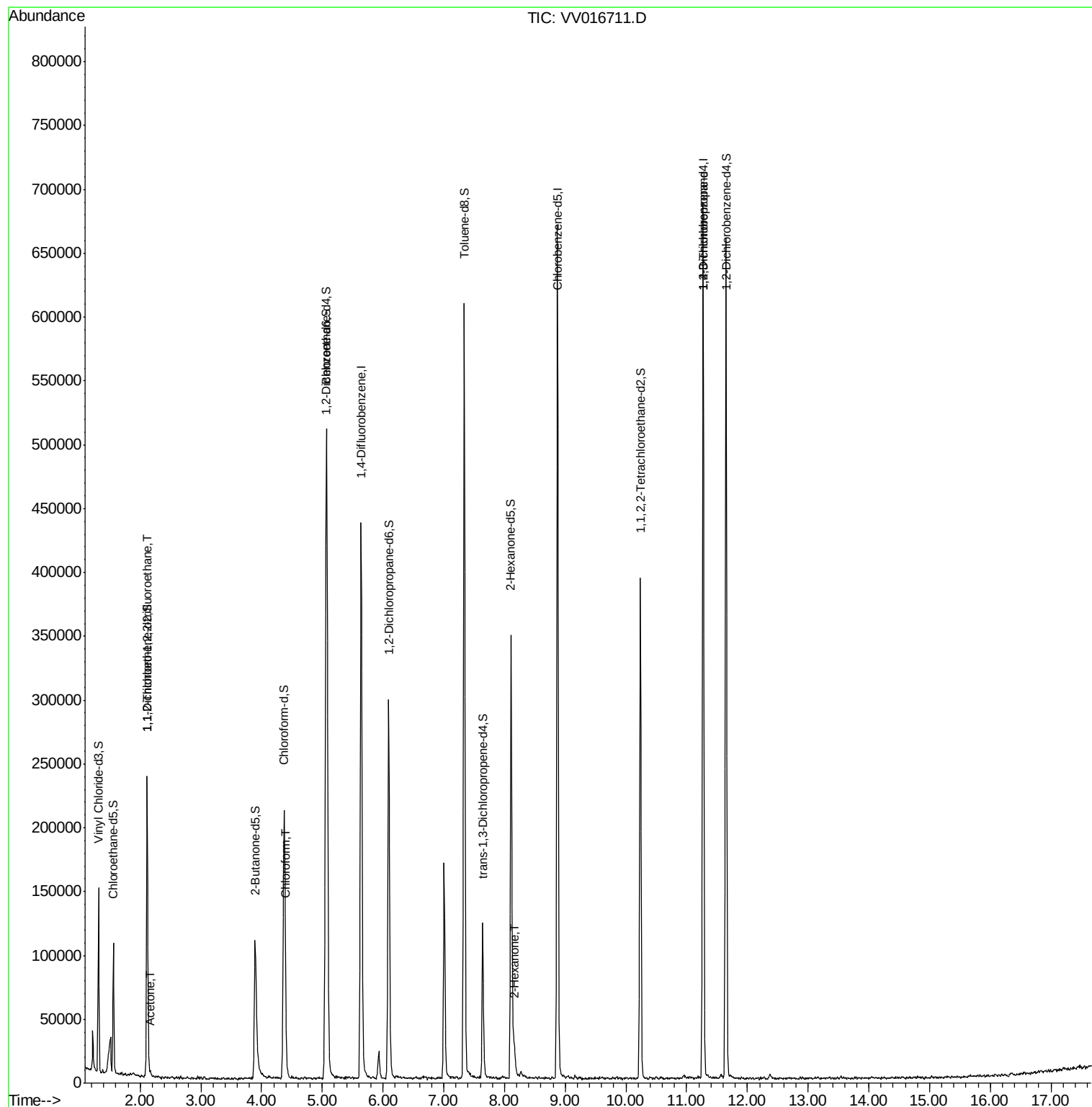
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1229	0.641 ug/L #	24
13) Acetone	2.17	43	1936	1.559 ug/L	64
25) Chloroform	4.40	83	4042	0.856 ug/L	83
48) 2-Hexanone	8.17	43	14463	4.982 ug/L #	89
59) 1,2,3-Trichloropropane	11.27	75	19489	5.945 ug/L	90

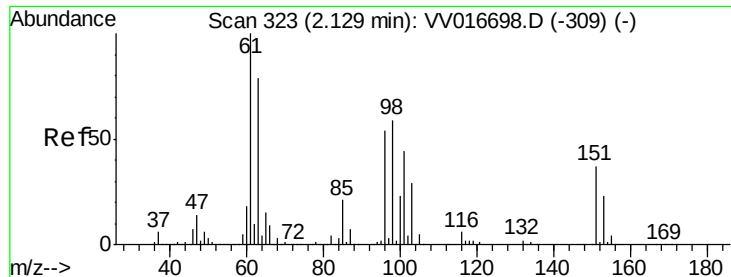
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.641 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016711.D

Acq: 09 Jun 2020 12:53

Instrument :

MSVOA_V

ClientSampled :

ETTY6

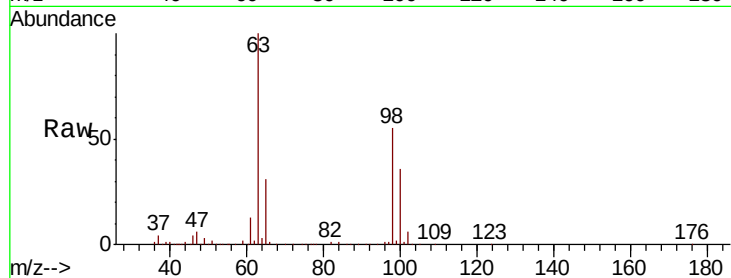
Tot Ion:101 Resp: 1229

Ion Ratio Lower Upper

101 100

85 12.4 35.5 53.3#

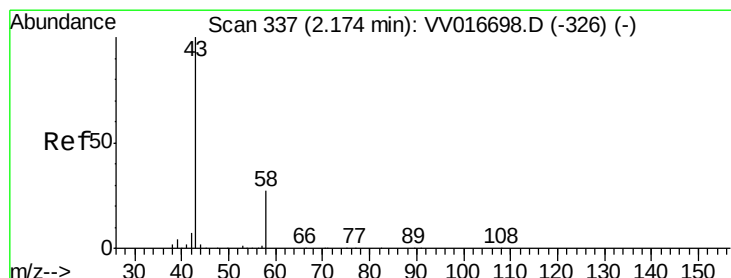
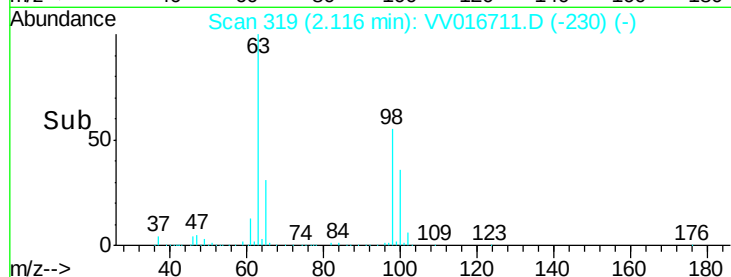
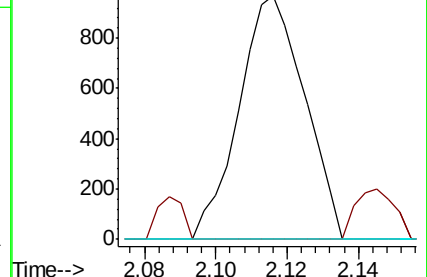
151 0.0 63.9 95.9#



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: 1.559 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016711.D

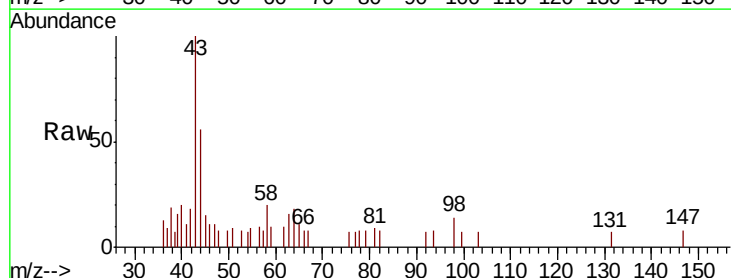
Acq: 09 Jun 2020 12:53

Tgt Ion: 43 Resp: 1936

Ion Ratio Lower Upper

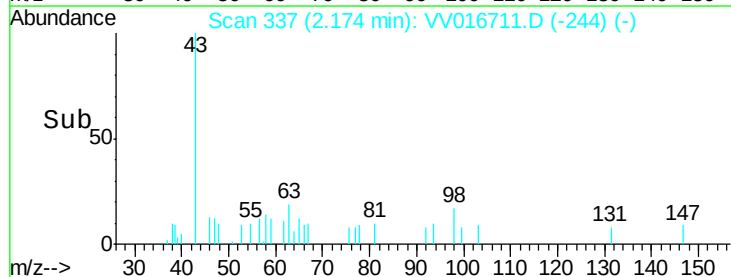
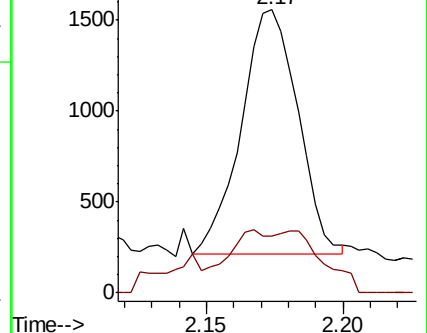
43 100

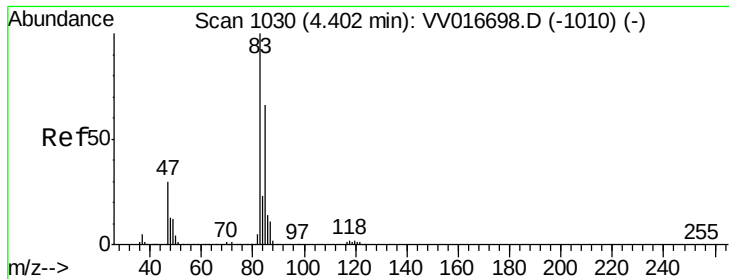
58 9.0 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 0.856 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV016711.D

Acq: 09 Jun 2020 12:53

Instrument :

MSVOA_V

ClientSampleId :

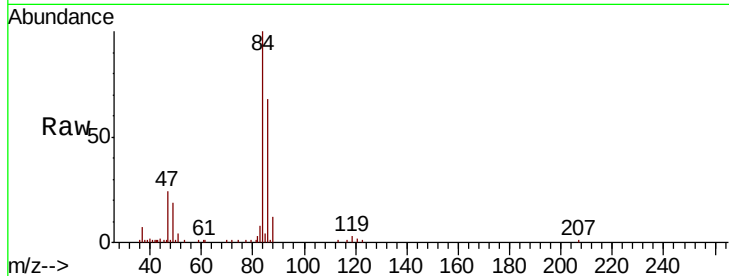
ETTY6

Tot Ion: 83 Resp: 4042

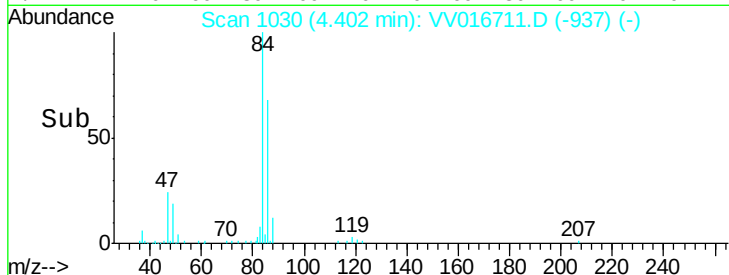
Ion Ratio Lower Upper

83 100

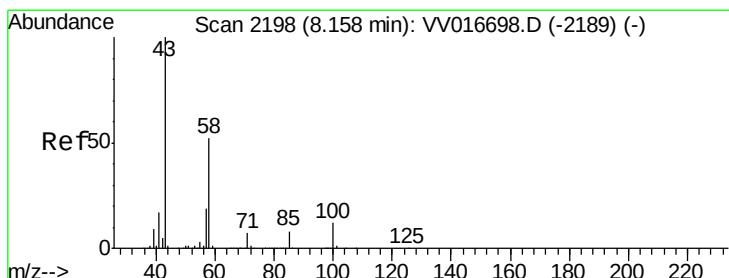
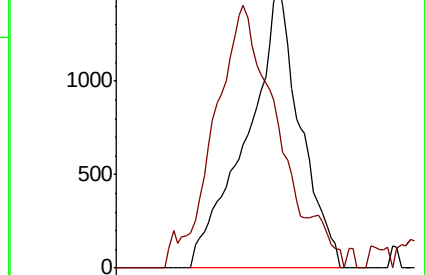
85 50.0 44.1 81.9



Abundance Ion 83.00 (82.70 to 83.70): VV016711.D (-937) (-)



Ion 85.00 (84.70 to 85.70): VV016711.D (-937) (-)



#48

2-Hexanone

Concen: 4.982 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016711.D

Acq: 09 Jun 2020 12:53

Tgt Ion: 43 Resp: 14463

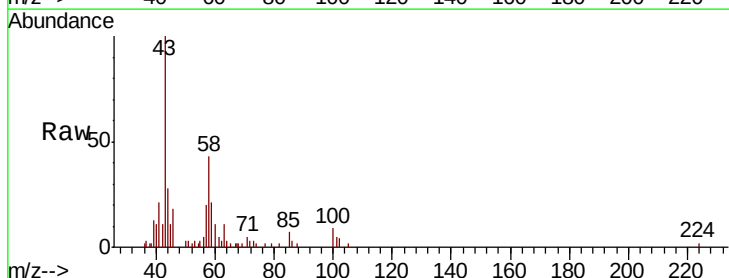
Ion Ratio Lower Upper

43 100

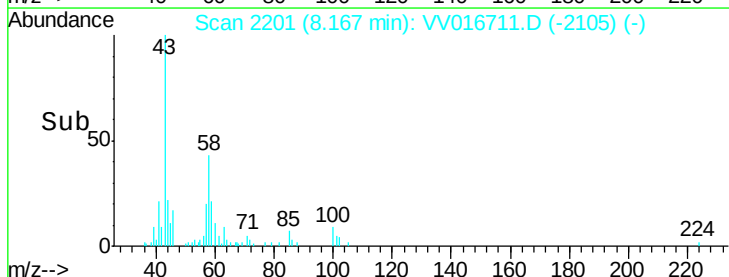
58 48.1 43.1 64.7

57 11.9 15.3 22.9#

100 5.0 10.0 15.0#



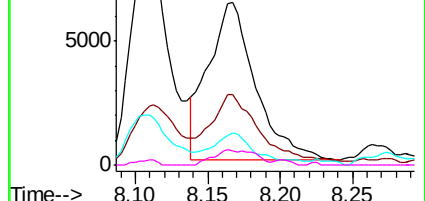
Abundance Ion 43.00 (42.70 to 43.70): VV016711.D (-2105) (-)

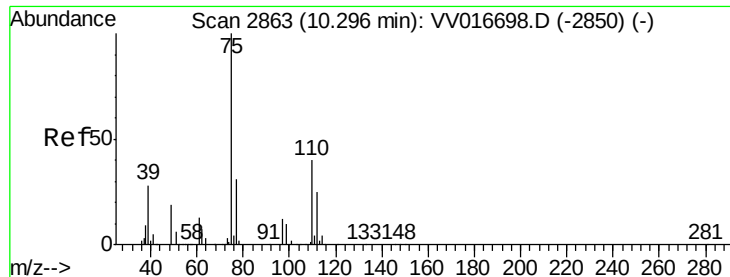


Ion 58.00 (57.70 to 58.70): VV016711.D (-2105) (-)

Ion 57.00 (56.70 to 57.70): VV016711.D (-2105) (-)

Ion 100.00 (99.70 to 100.70): VV016711.D (-2105) (-)





#59

1,2,3-Trichloropropane

Concen: 5.945 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016711.D

Acq: 09 Jun 2020 12:53

Instrument :

MSVOA_V

ClientSampleId :

ETTY6

Tot Ion: 75 Resp: 19489

Ion Ratio Lower Upper

75 100

77 38.2 26.1 39.1

