

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018815.D
 Acq On : 09 Oct 2020 13:39
 Operator : SY/MD
 Sample : L4287-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK8

Quant Time: Oct 09 23:54:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	364965	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	370252	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181199	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128211	38.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.32%
7) Chloroethane-d5	1.58	69	110594	41.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.86%
11) 1,1-Dichloroethene-d2	2.12	63	195585	30.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.18%
21) 2-Butanone-d5	3.90	46	187951	92.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.31%
24) Chloroform-d	4.37	84	246425	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.24%
26) 1,2-Dichloroethane-d4	5.06	65	172076	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
32) Benzene-d6	5.07	84	484053	40.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.24%
36) 1,2-Dichloropropane-d6	6.09	67	157298	40.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.98%
41) Toluene-d8	7.34	98	433623	41.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.64	79	75749	39.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.78%
47) 2-Hexanone-d5	8.11	63	98528	72.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.35%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	160154	35.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	186388	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%

Target Compounds

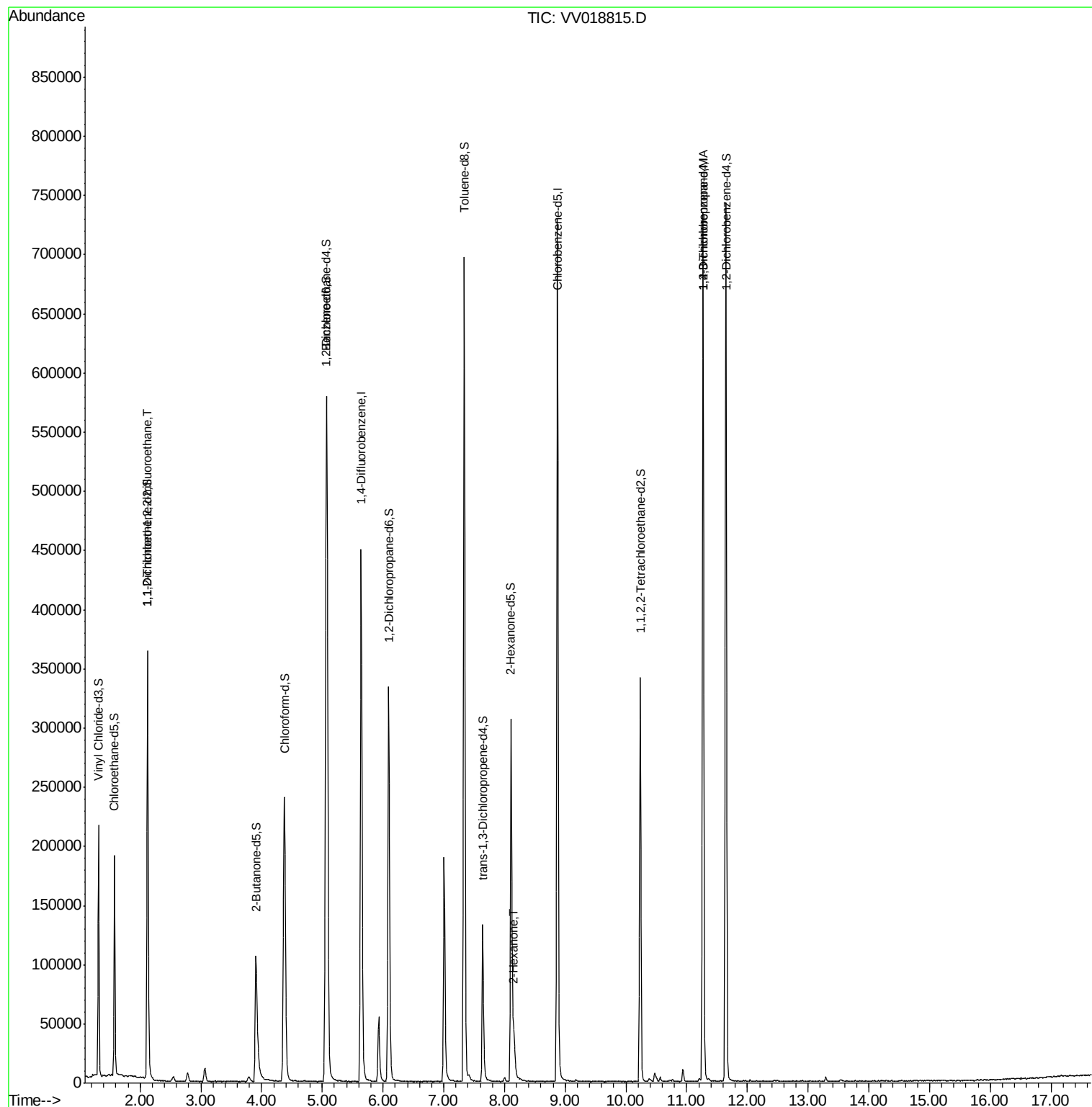
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1838	0.701 ug/L #	19
48) 2-Hexanone	8.16	43	23033	6.958 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	22696	5.911 ug/L	89

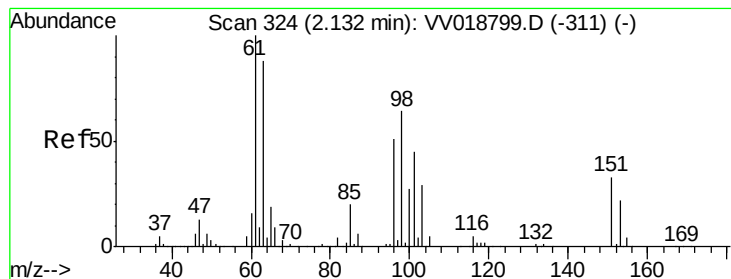
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.701 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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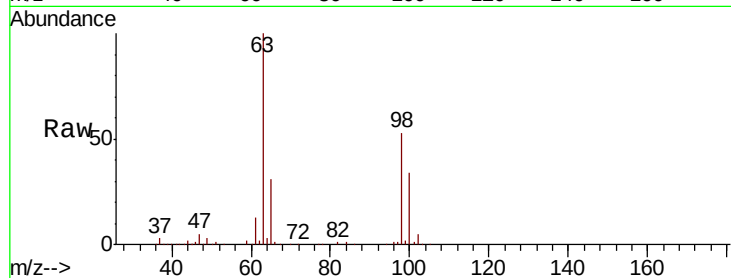
Tot Ion:101 Resp: 1838

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

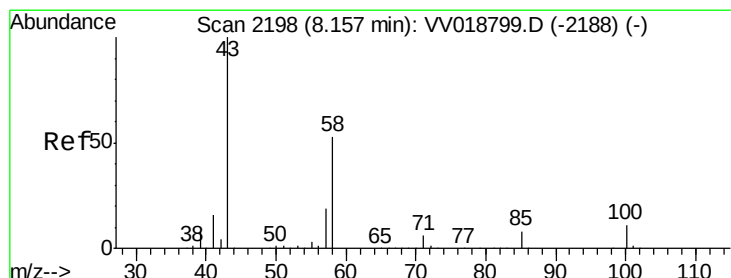
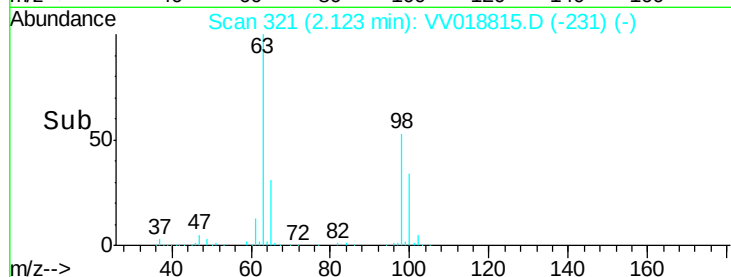
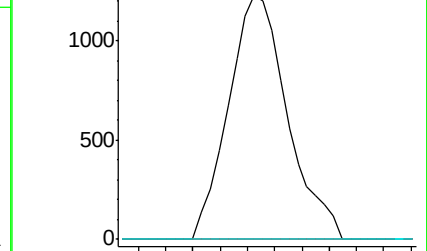
151 0.0 59.8 89.8#



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



#48

2-Hexanone

Concen: 6.958 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

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Tgt Ion: 43 Resp: 23033

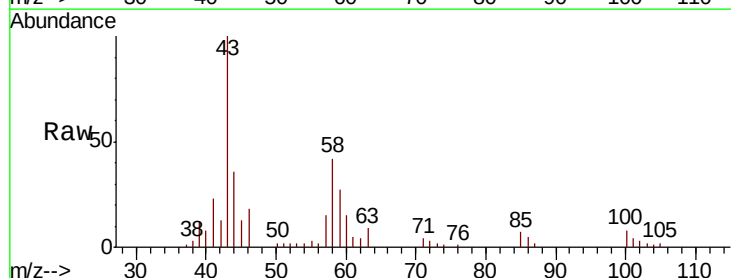
Ion Ratio Lower Upper

43 100

58 36.2 41.8 62.8#

57 12.1 14.9 22.3#

100 7.3 9.2 13.8#

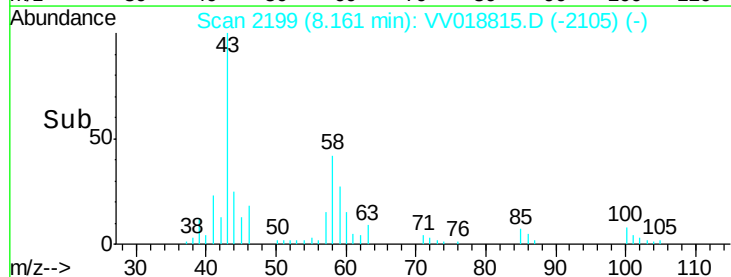
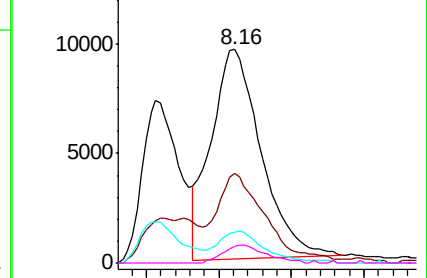


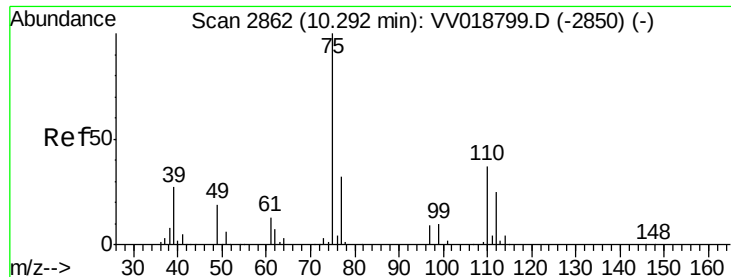
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 5.911 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

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Tot Ion: 75 Resp: 22696

Ion Ratio Lower Upper

75 100

77 38.7 25.9 38.9

