

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018829.D
 Acq On : 10 Oct 2020 13:54
 Operator : SY/MD
 Sample : L4239-22
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Oct 12 04:51:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327608	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145810	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117365	39.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.86%
7) Chloroethane-d5	1.58	69	99981	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.46%
11) 1,1-Dichloroethene-d2	2.12	63	178862	31.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.34%
21) 2-Butanone-d5	3.91	46	165780	90.70	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.70%
24) Chloroform-d	4.37	84	205466	39.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.24%
26) 1,2-Dichloroethane-d4	5.06	65	153991	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.50%
32) Benzene-d6	5.07	84	433415	41.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.09	67	144872	42.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.28%
41) Toluene-d8	7.34	98	371245	40.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.28%
43) trans-1,3-Dichloropropene-	7.64	79	70286	42.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.66%
47) 2-Hexanone-d5	8.11	63	91096	76.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.51%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	132452	33.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	67.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	146772	45.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%

Target Compounds

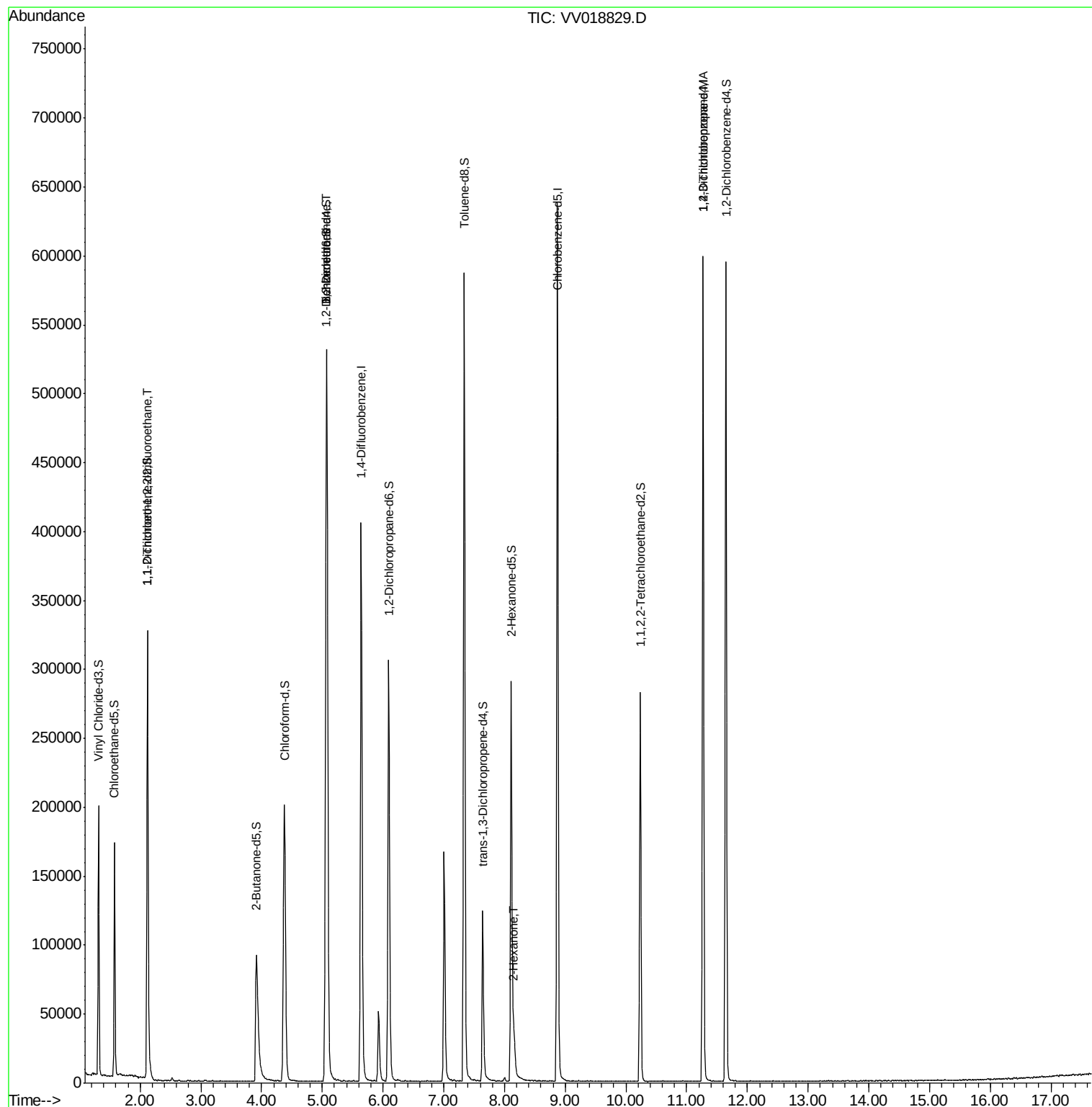
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1638	0.696 ug/L #	19
27) 1,2-Dichloroethane	5.07	62	2975	0.759 ug/L	99
48) 2-Hexanone	8.16	43	16535	5.713 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	16975	5.057 ug/L	91

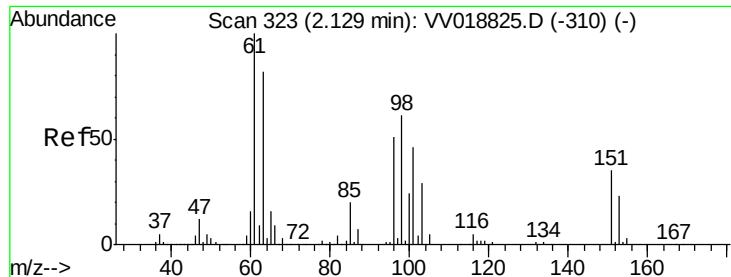
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.696 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

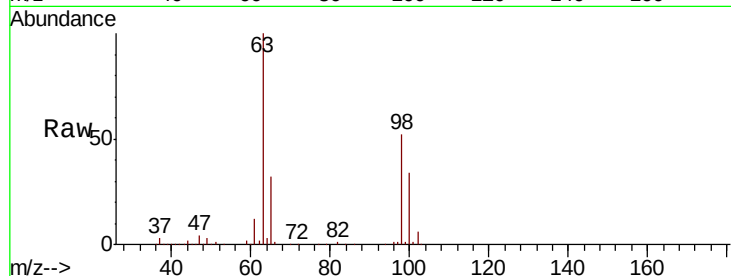
Tot Ion:101 Resp: 1638

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

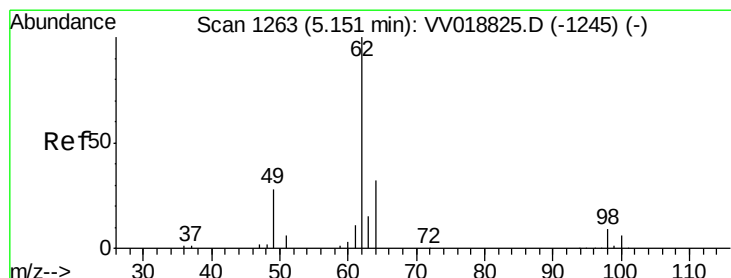
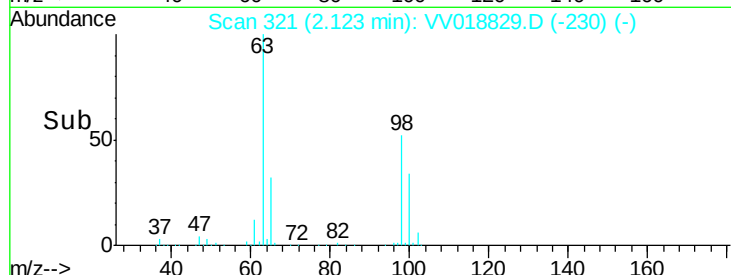
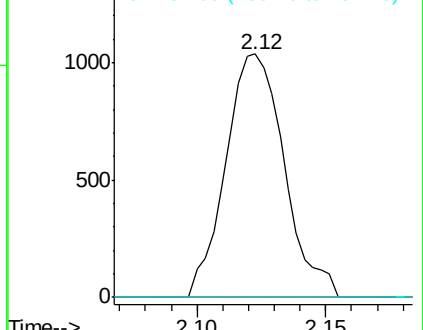
151 0.0 59.8 89.8#



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



#27

1,2-Dichloroethane

Concen: 0.759 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018829.D

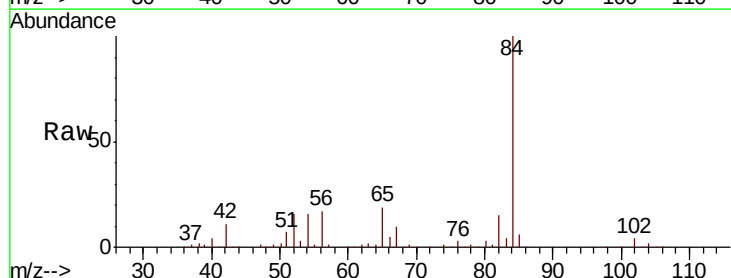
Acq: 10 Oct 2020 13:54

Tgt Ion: 62 Resp: 2975

Ion Ratio Lower Upper

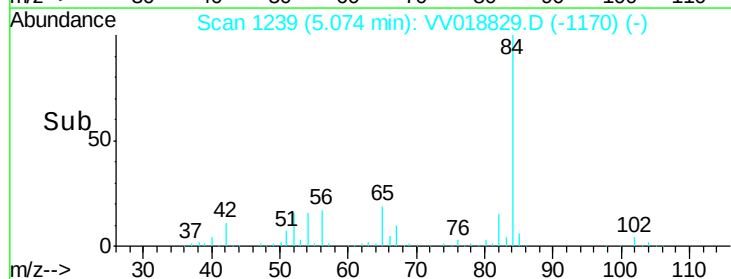
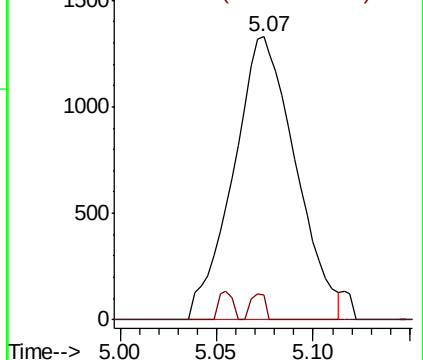
62 100

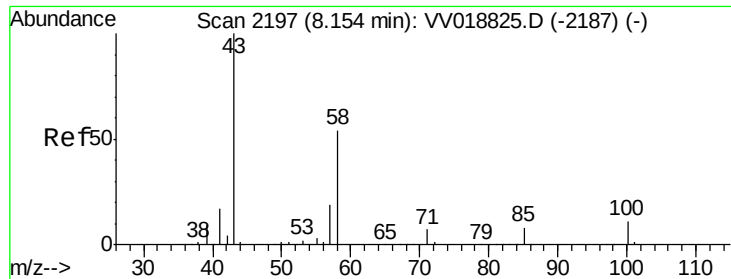
98 8.7 6.6 10.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

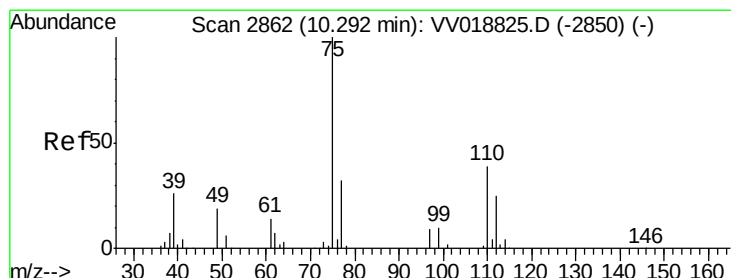
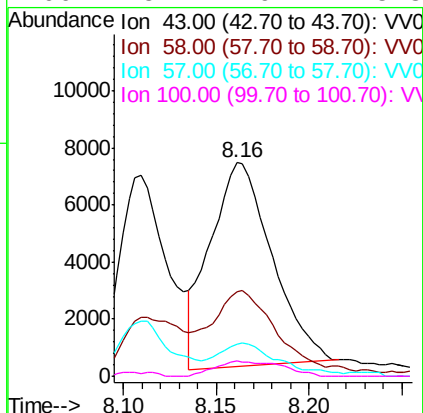
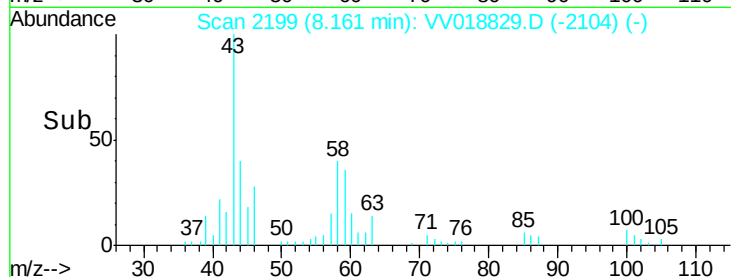
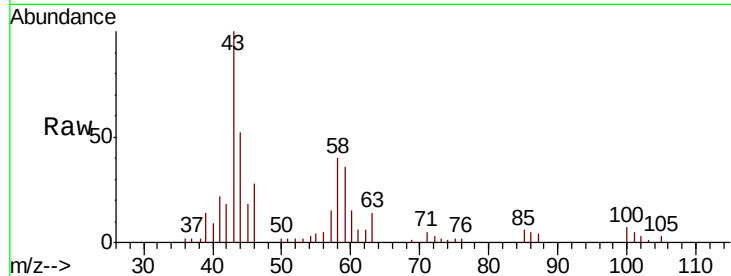




#48
 2-Hexanone
 Concen: 5.713 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 16535
 Ion Ratio Lower Upper
 43 100
 58 34.0 41.8 62.8#
 57 11.6 14.9 22.3#
 100 5.2 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.057 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018829.D
 Acq: 10 Oct 2020 13:54

Tgt Ion: 75 Resp: 16975
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.9 38.9

