

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018297.D
 Acq On : 17 Sep 2020 22:30
 Operator : SY/MD
 Sample : L4043-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE7

Quant Time: Sep 18 08:07:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	286084	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136972	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77667	33.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.62%
7) Chloroethane-d5	1.58	69	69880	36.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.26%
11) 1,1-Dichloroethene-d2	2.12	63	119614	27.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.94%#
21) 2-Butanone-d5	3.92	46	120193	84.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.23%
24) Chloroform-d	4.38	84	162840	40.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.52%
26) 1,2-Dichloroethane-d4	5.06	65	109589	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
32) Benzene-d6	5.08	84	321198	39.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.98%
36) 1,2-Dichloropropane-d6	6.09	67	104737	40.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.06%
41) Toluene-d8	7.34	98	283624	38.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.54%#
43) trans-1,3-Dichloropropene-	7.64	79	49228	37.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.98%
47) 2-Hexanone-d5	8.11	63	85981	87.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139822	43.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	124688	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%

Target Compounds

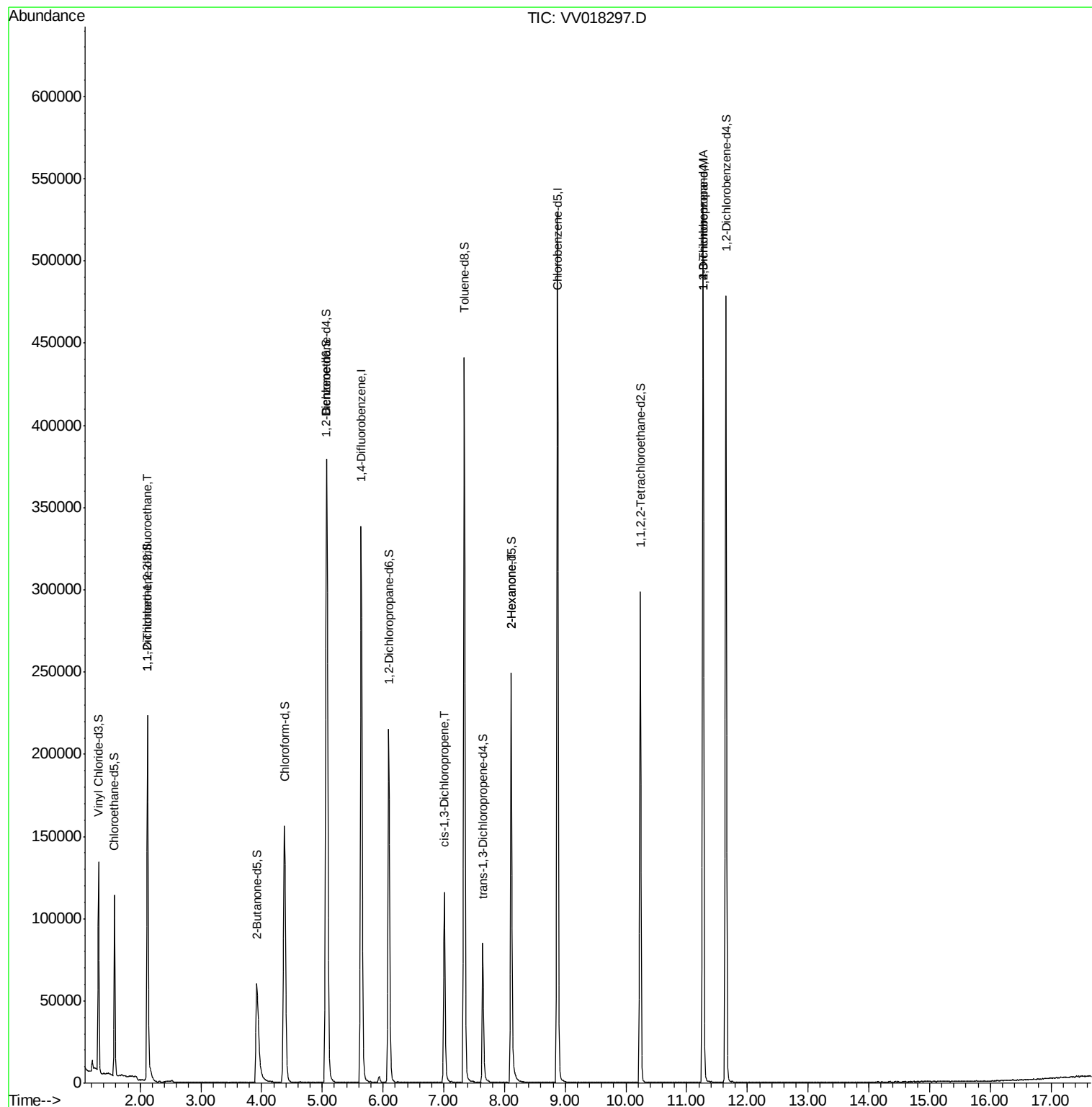
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1306	0.677 ug/L #	22
39) cis-1,3-Dichloropropene	7.01	75	2952	0.890 ug/L #	65
48) 2-Hexanone	8.11	43	9907	4.812 ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	15605	6.164 ug/L	91

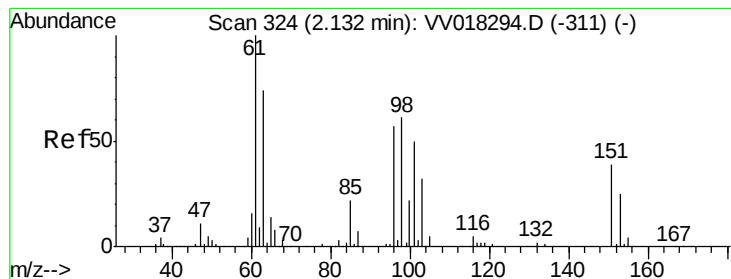
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 08:05:39 2020
Response via : Initial Calibration





#10

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

Concen: 0.677 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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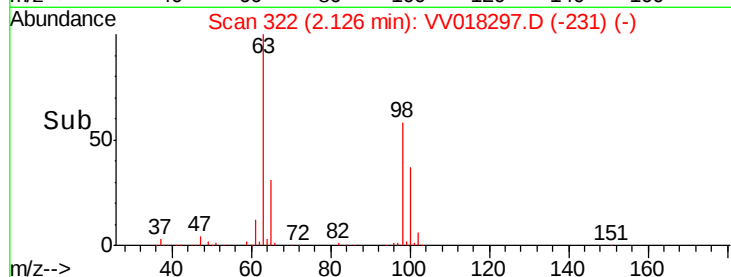
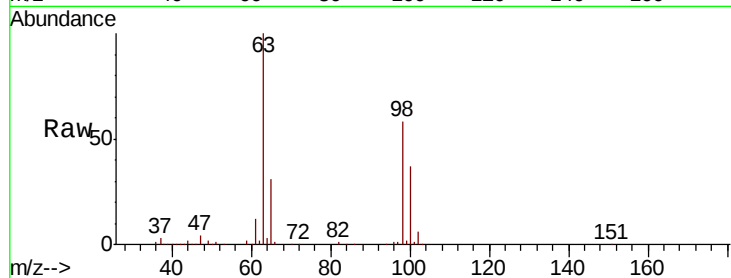
Tot Ion:101 Resp: 1306

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

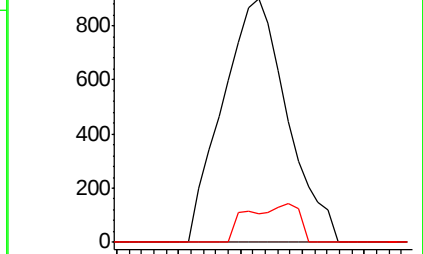
151 4.9 62.2 93.2#



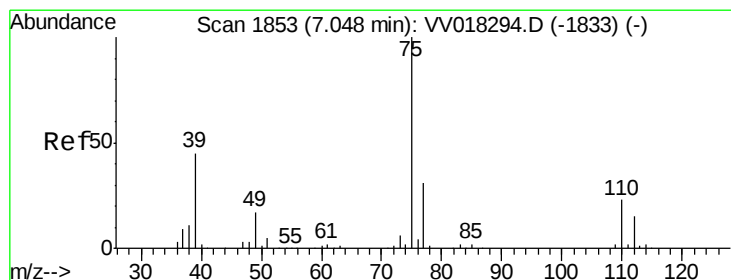
Abundance Ion 101.00 (100.70 to 101.70): VV018294.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018297.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV018297.D (-231) (-)



Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.890 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018297.D

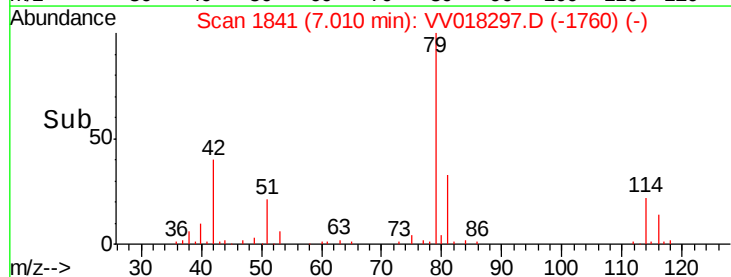
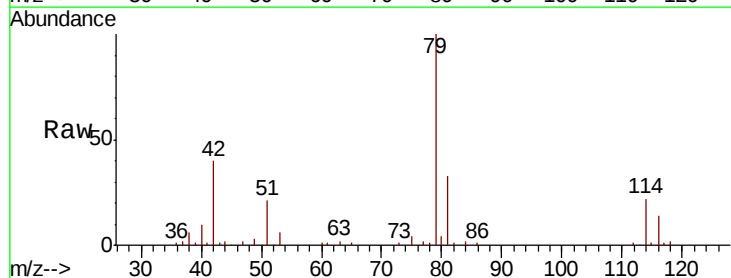
Acq: 17 Sep 2020 22:30

Tgt Ion: 75 Resp: 2952

Ion Ratio Lower Upper

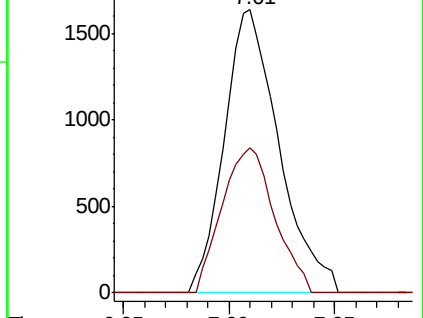
75 100

77 51.4 22.3 41.3#

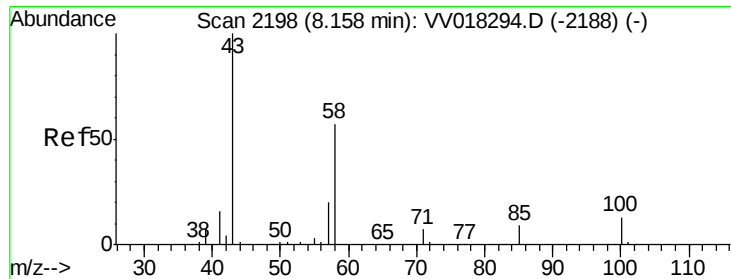


Abundance Ion 75.00 (74.70 to 75.70): VV018294.D (-1833) (-)

Ion 77.00 (76.70 to 77.70): VV018297.D (-1760) (-)



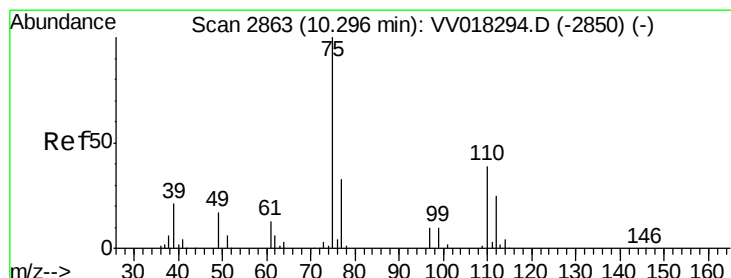
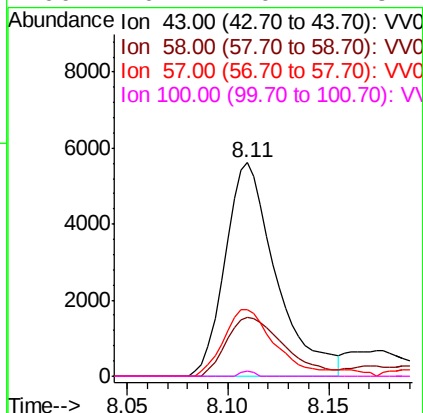
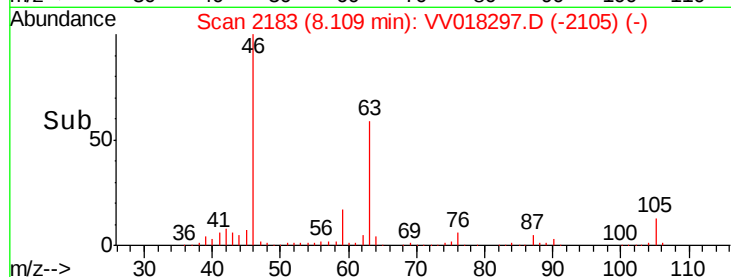
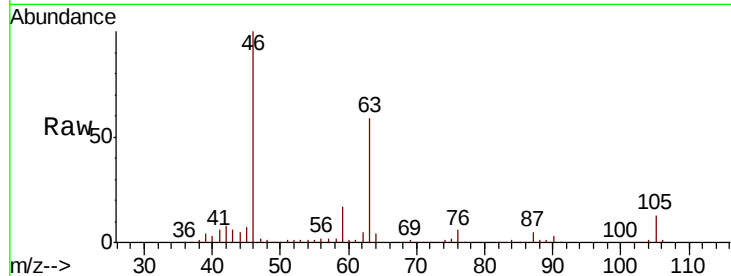
Time-->



#48
 2-Hexanone
 Concen: 4.812 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018297.D
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Tot Ion: 43 Resp: 9907
 Ion Ratio Lower Upper
 43 100
 58 31.0 44.8 67.2#
 57 33.1 15.8 23.6#
 100 0.7 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.164 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018297.D
 Acq: 17 Sep 2020 22:30

Tgt Ion: 75 Resp: 15605
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.8 38.6

