

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018565.D
 Acq On : 30 Sep 2020 13:31
 Operator : SY/MD
 Sample : L4141-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Oct 01 07:41:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	329284	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81459	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.36%
7) Chloroethane-d5	1.58	69	81616	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.22%
11) 1,1-Dichloroethene-d2	2.12	63	146875	37.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.66%
21) 2-Butanone-d5	3.92	46	161567	112.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.16%
24) Chloroform-d	4.38	84	206790	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
26) 1,2-Dichloroethane-d4	5.06	65	133631	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
32) Benzene-d6	5.08	84	386608	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
36) 1,2-Dichloropropane-d6	6.09	67	120675	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.34	98	356074	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloropropene-	7.64	79	59873	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.64%
47) 2-Hexanone-d5	8.11	63	81590	85.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148326	44.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	160582	50.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.58%

Target Compounds

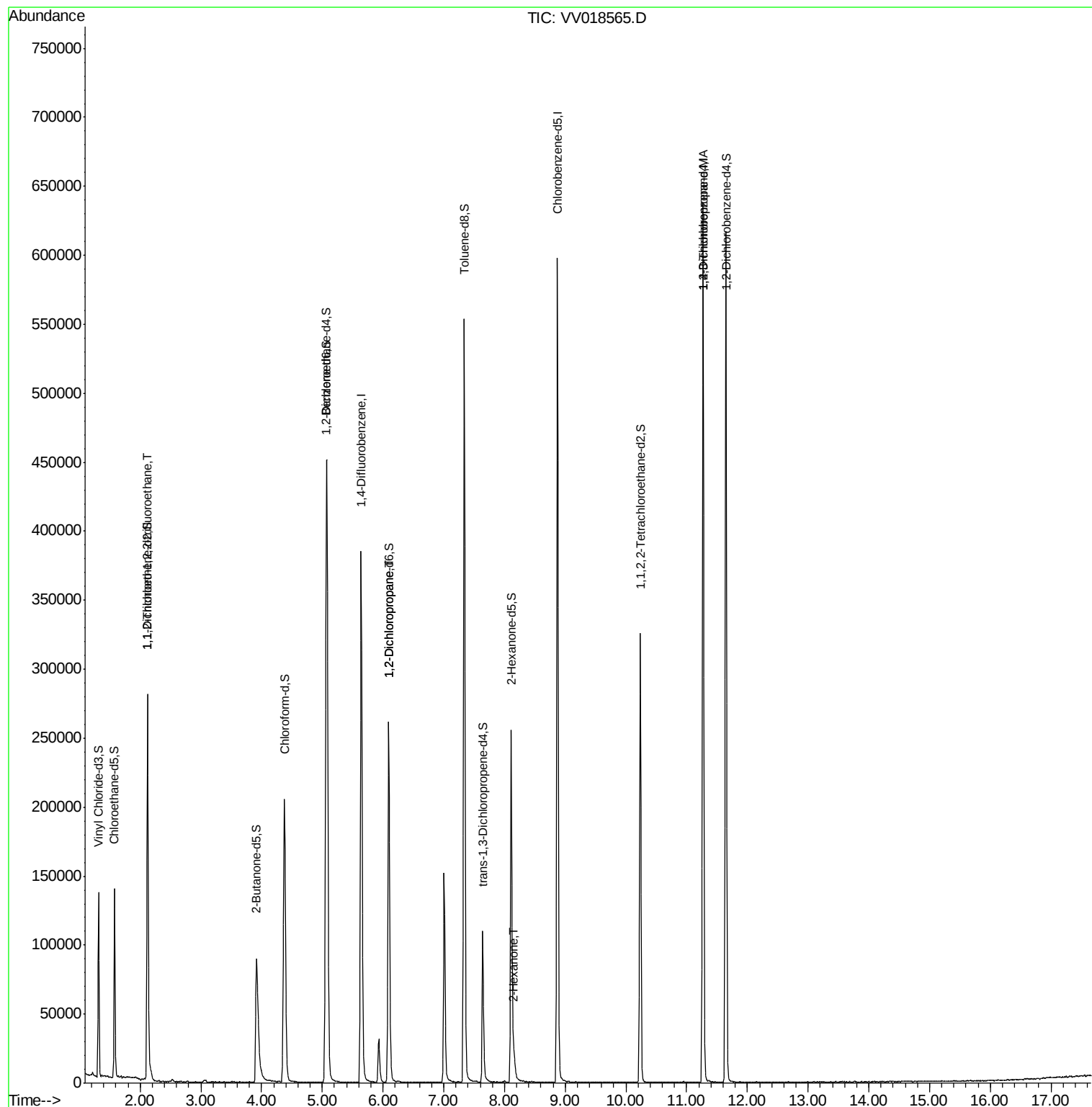
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1450	0.677 ug/L #	22
37) 1,2-Dichloropropane	6.09	63	13971	5.672 ug/L #	85
48) 2-Hexanone	8.16	43	7566	3.051 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	18049	6.024 ug/L #	88

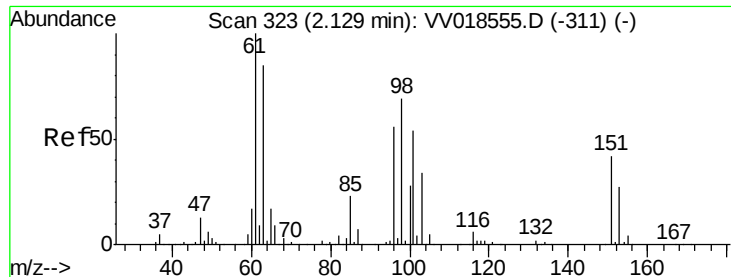
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.677 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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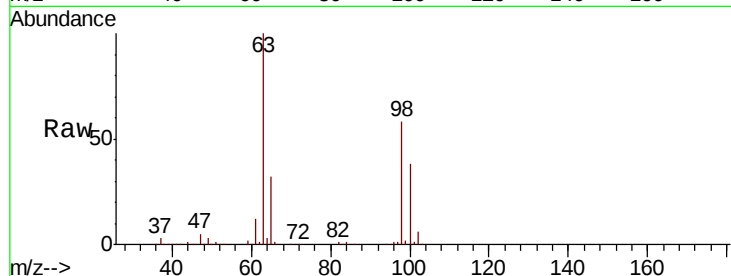
Tot Ion:101 Resp: 1450

Ion Ratio Lower Upper

101 100

85 4.7 34.6 52.0#

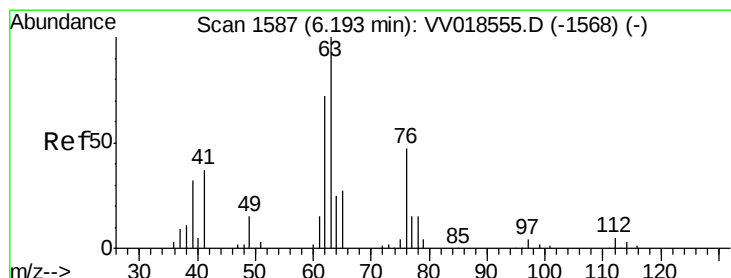
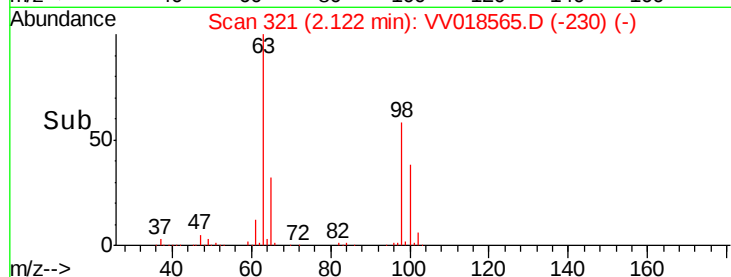
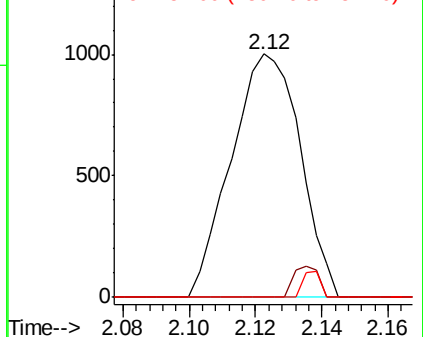
151 2.8 64.3 96.5#



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



#37

1,2-Dichloropropane

Concen: 5.672 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018565.D

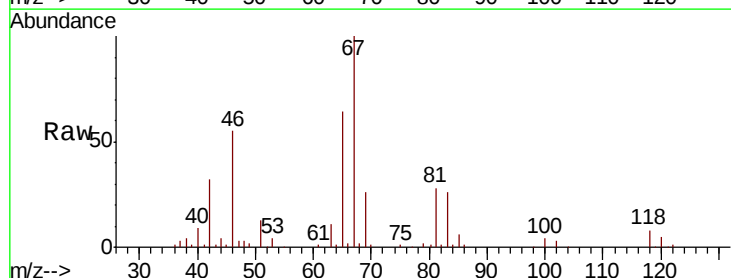
Acq: 30 Sep 2020 13:31

Tgt Ion: 63 Resp: 13971

Ion Ratio Lower Upper

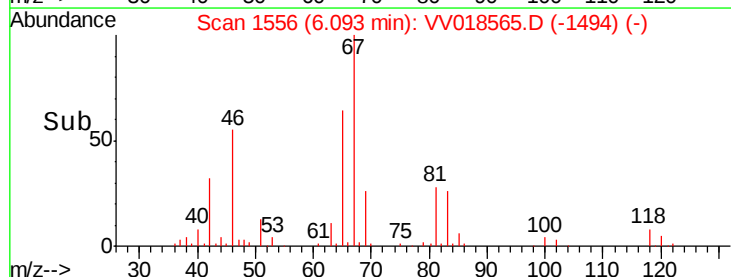
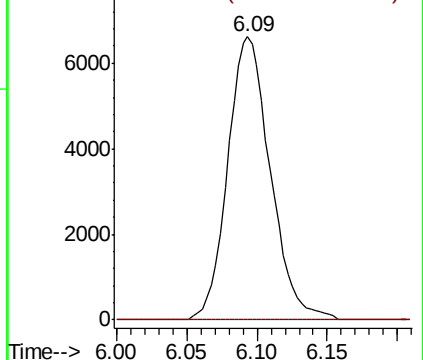
63 100

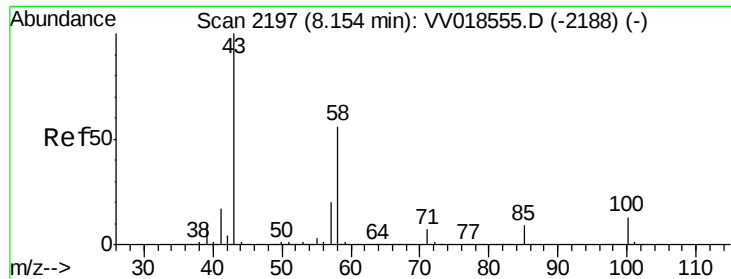
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

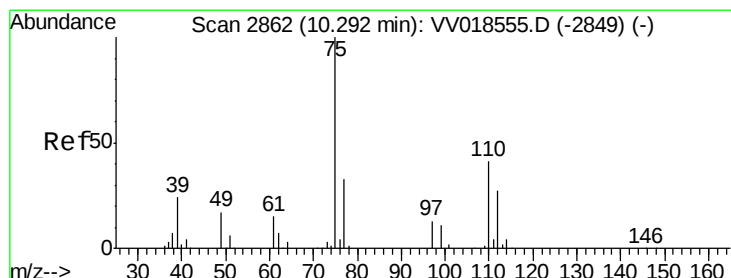
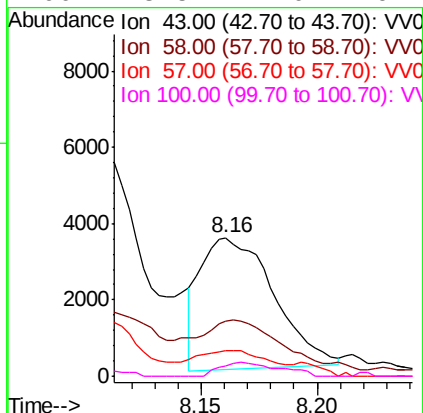
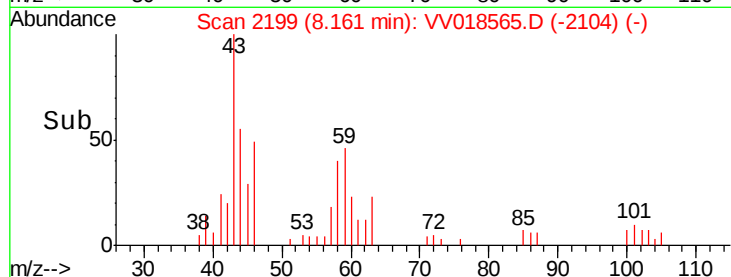
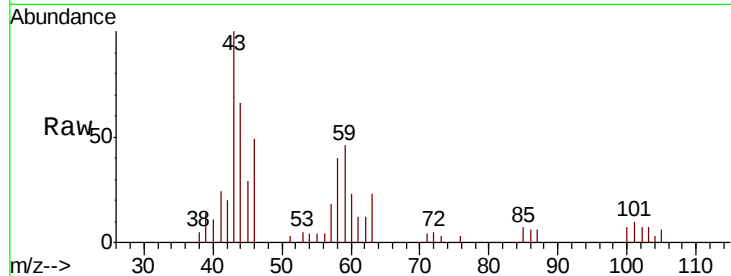




#48
2-Hexanone
Concen: 3.051 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 7566
Ion Ratio Lower Upper
43 100
58 29.9 45.1 67.7#
57 19.8 15.7 23.5
100 8.5 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 6.024 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018565.D
Acq: 30 Sep 2020 13:31

Tgt Ion: 75 Resp: 18049
Ion Ratio Lower Upper
75 100
77 38.3 25.4 38.0#

