

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019363.D
 Acq On : 12 Nov 2020 19:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK99

Quant Time: Nov 13 01:15:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 01:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	210048	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	208608	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109720	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76929	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.18%
7) Chloroethane-d5	1.58	69	64798	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.74%
11) 1,1-Dichloroethene-d2	2.12	63	121117	37.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.36%
21) 2-Butanone-d5	3.91	46	84647	103.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.67%
24) Chloroform-d	4.38	84	146193	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
26) 1,2-Dichloroethane-d4	5.06	65	105441	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.96%
32) Benzene-d6	5.07	84	261857	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
36) 1,2-Dichloropropane-d6	6.09	67	75857	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.60%
41) Toluene-d8	7.34	98	248217	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%
43) trans-1,3-Dichloropropene-	7.64	79	44131	46.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.62%
47) 2-Hexanone-d5	8.11	63	53329	95.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96367	47.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	113634	54.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.44%

Target Compounds

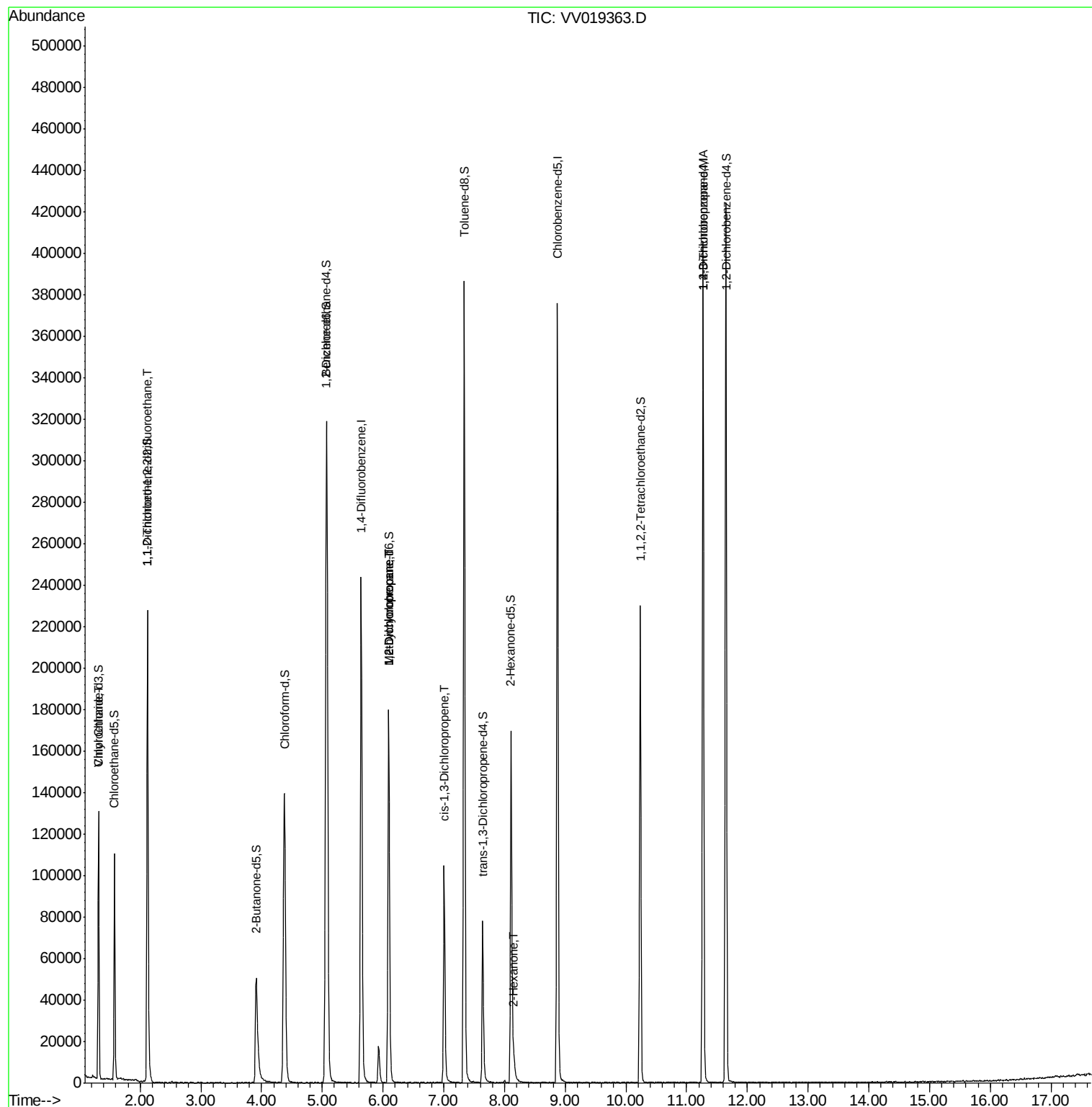
					Ovalue	
8) Chloroethane	1.32	64	931	0.870	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1196	0.862	ug/L #	15
35) Methylcyclohexane	6.09	83	20973	10.693	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	10077	7.879	ug/L #	83
39) cis-1,3-Dichloropropene	7.01	75	2709	1.235	ug/L #	79
48) 2-Hexanone	8.16	43	4809	3.802	ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	10295	5.894	ug/L	89

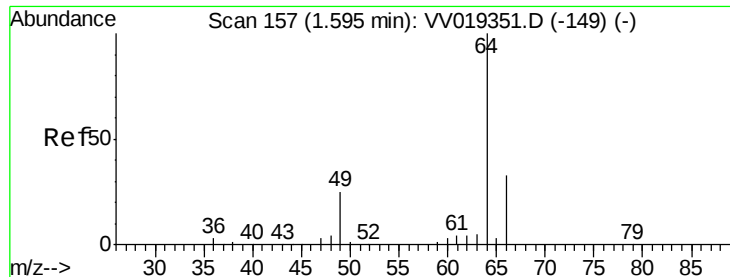
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 13 01:06:25 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.870 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV019363.D

Acq: 12 Nov 2020 19:45

Instrument :

MSVOA_V

ClientSampleId :

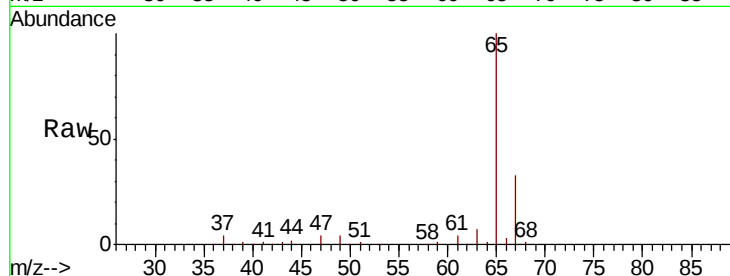
VIBLK99

Tot Ion: 64 Resp: 931

Ion Ratio Lower Upper

64 100

66 178.5 22.9 42.5#



Abundance Ion 64.00 (63.70 to 64.70): VV019363.D (-33) (-)

Ion 66.00 (65.70 to 66.70): VV019363.D (-33) (-)

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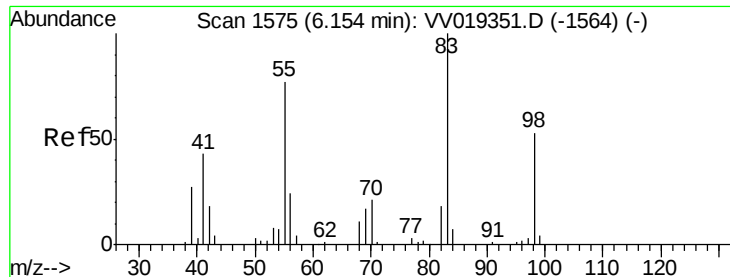
3.93

3.94

3.95

3.96

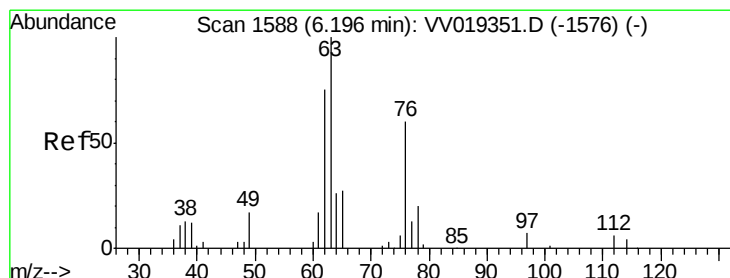
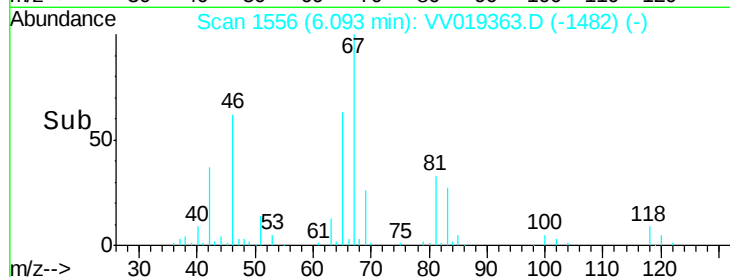
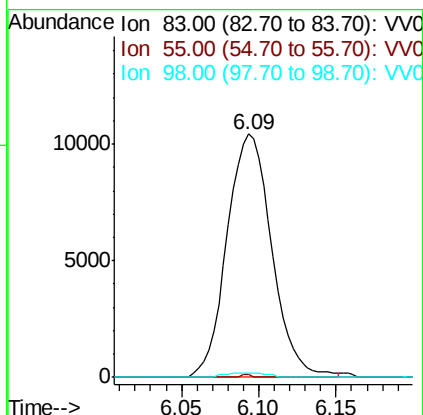
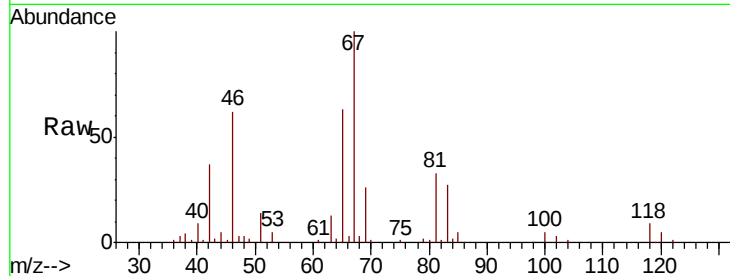
3.97



#35
Methvlcvclohexane
Concen: 10.693 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
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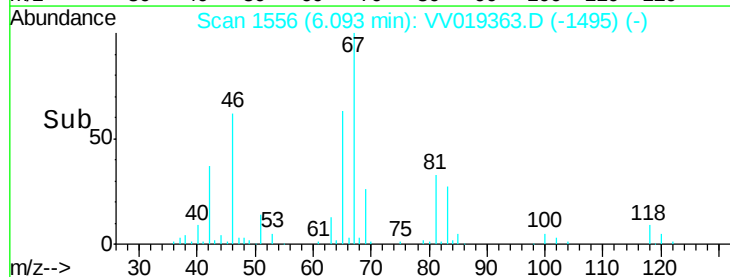
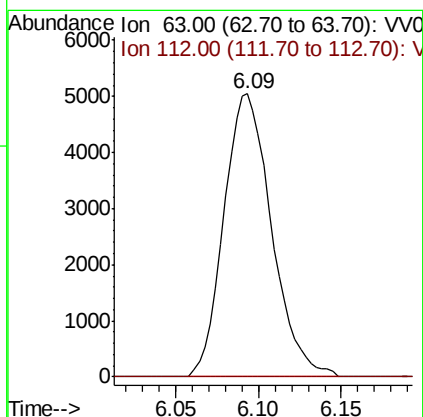
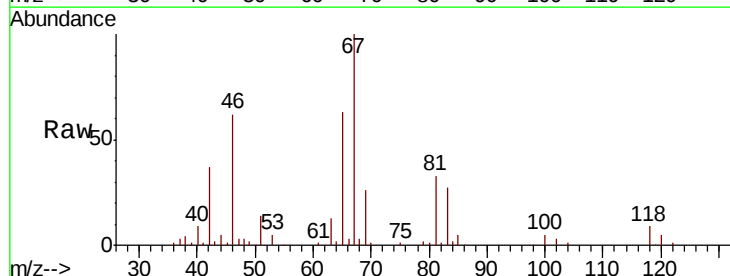
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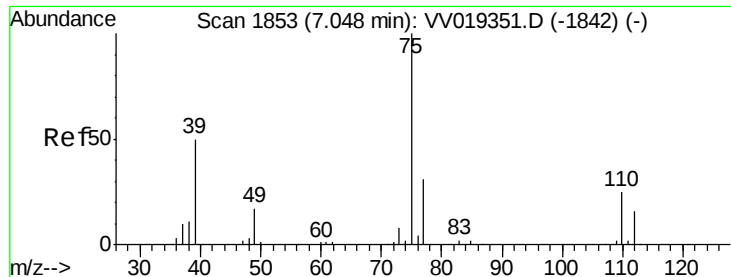
Tot Ion: 83 Resp: 20973
Ion Ratio Lower Upper
83 100
55 0.2 58.6 88.0#
98 0.8 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 7.879 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV019363.D
Acq: 12 Nov 2020 19:45

Tgt Ion: 63 Resp: 10077
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#

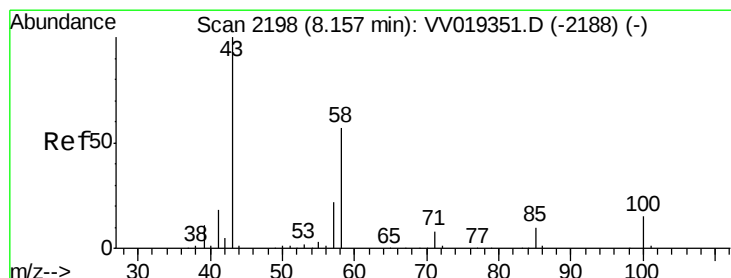
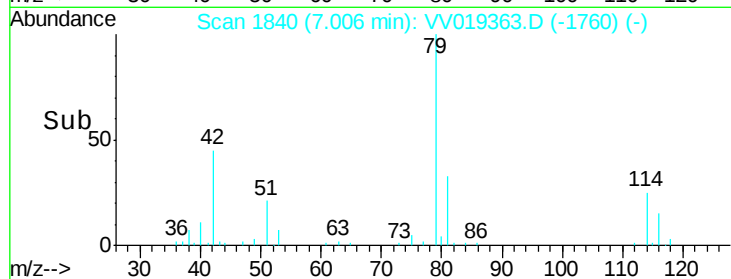
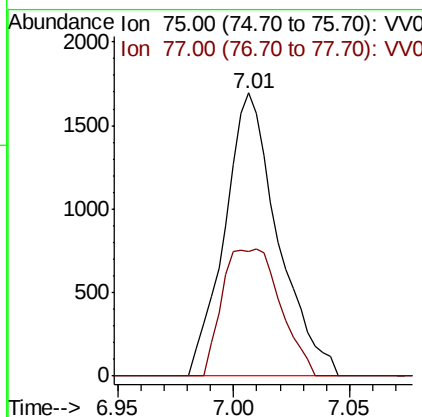
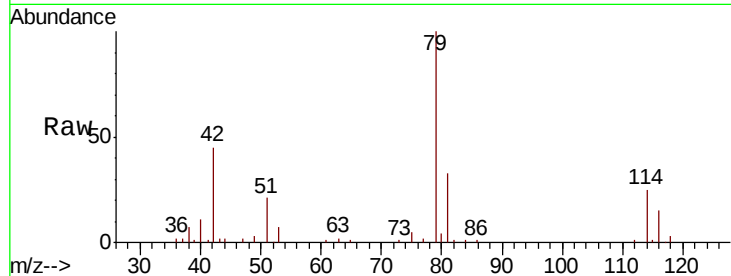




#39
 cis-1,3-Dichloropropene
 Concen: 1.235 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019363.D
 Acq: 12 Nov 2020 19:45

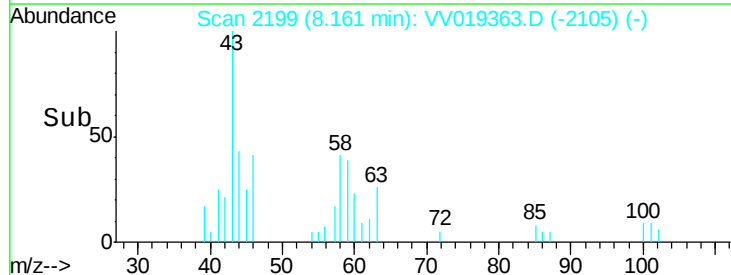
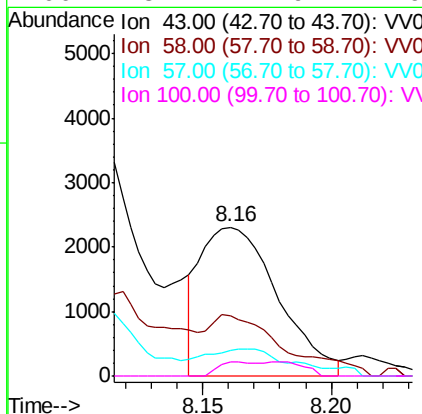
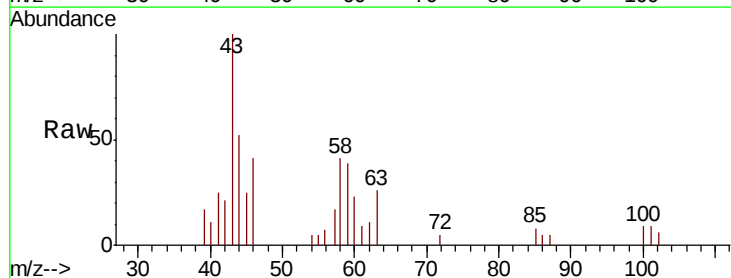
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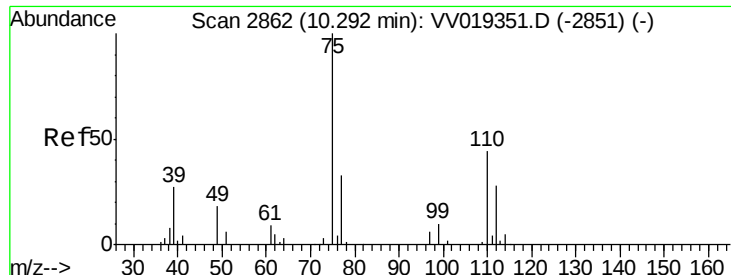
Tot Ion: 75 Resp: 2709
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.7 42.1#



#48
 2-Hexanone
 Concen: 3.802 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV019363.D
 Acq: 12 Nov 2020 19:45

Tgt Ion: 43 Resp: 4809
 Ion Ratio Lower Upper
 43 100
 58 40.9 43.6 65.4#
 57 9.0 17.2 25.8#
 100 5.2 11.9 17.9#





#59
 1,2,3-Trichloropropane
 Concen: 5.894 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019363.D
 Acq: 12 Nov 2020 19:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK99

Tot Ion: 75 Resp: 10295
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.0 37.4

