

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017866.D
 Acq On : 08 Aug 2020 20:09
 Operator : SY/MD
 Sample : L3608-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M23

Quant Time: Aug 10 05:11:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	234954	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	220140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113182	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39131	32.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.50%
7) Chloroethane-d5	1.58	69	41131	39.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.12	63	84495	28.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.96%#
21) 2-Butanone-d5	3.91	46	81429	107.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.17%
24) Chloroform-d	4.37	84	143843	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
26) 1,2-Dichloroethane-d4	5.05	65	115092	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
32) Benzene-d6	5.07	84	243259	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
36) 1,2-Dichloropropane-d6	6.09	67	66301	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.88%
41) Toluene-d8	7.34	98	242758	47.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.02%
43) trans-1,3-Dichloropropene-	7.64	79	33971	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.86%
47) 2-Hexanone-d5	8.11	63	53332	114.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96014	47.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	118222	51.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.48%

Target Compounds

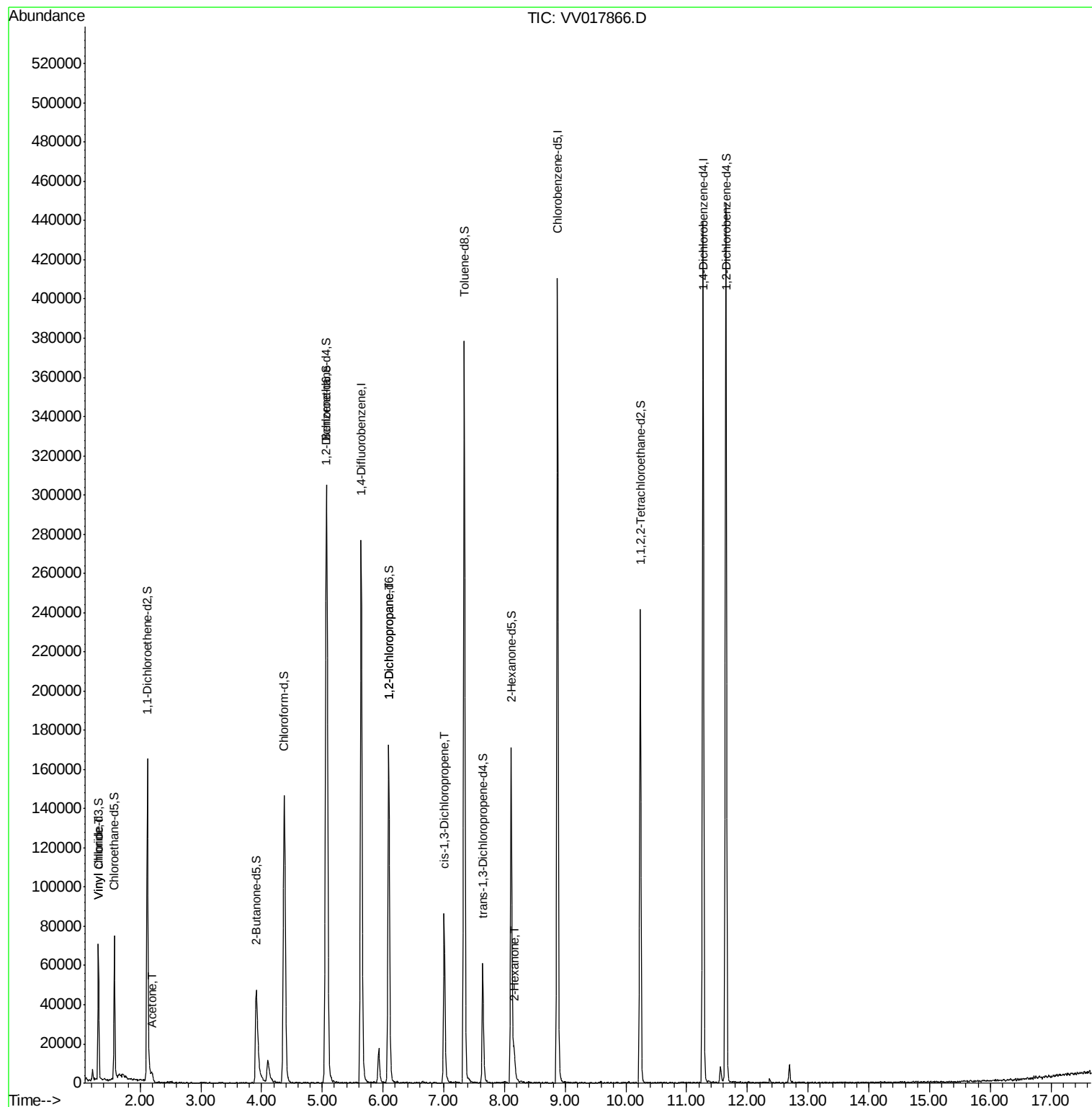
					Ovalue
5) Vinyl chloride	1.32	62	1079	0.786 ug/L #	5
13) Acetone	2.20	43	6358	6.430 ug/L	93
37) 1,2-Dichloropropane	6.09	63	10278	9.027 ug/L #	79
39) cis-1,3-Dichloropropene	7.00	75	2616	1.336 ug/L	91
48) 2-Hexanone	8.16	43	7975	6.413 ug/L #	85

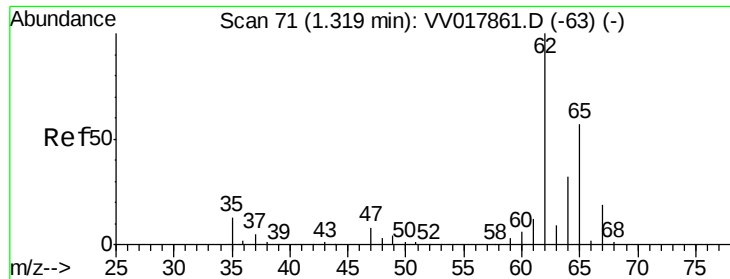
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.786 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017866.D

Acq: 08 Aug 2020 20:09

Instrument :

MSVOA_V

ClientSampled :

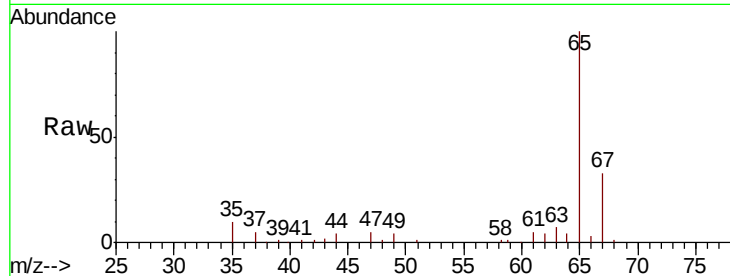
F2M23

Tot Ion: 62 Resp: 1079

Ion Ratio Lower Upper

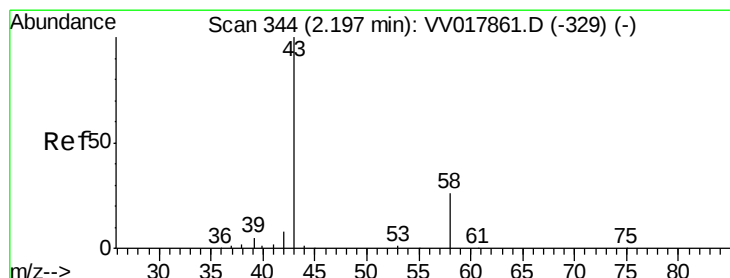
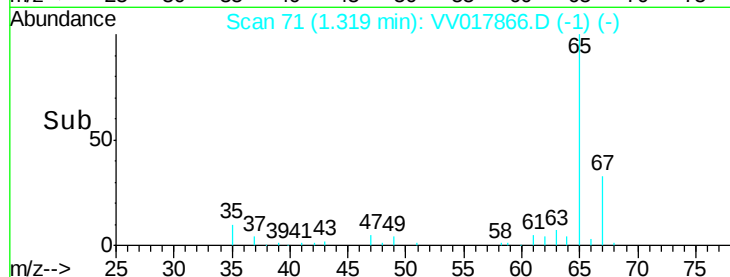
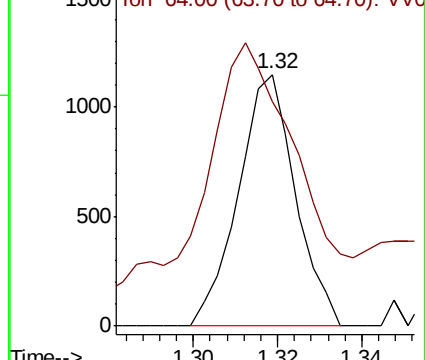
62 100

64 89.2 24.0 44.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 6.430 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV017866.D

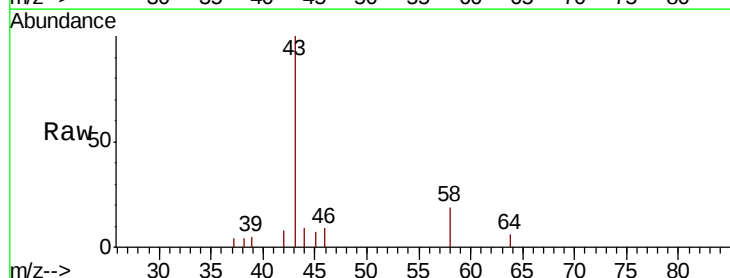
Acq: 08 Aug 2020 20:09

Tgt Ion: 43 Resp: 6358

Ion Ratio Lower Upper

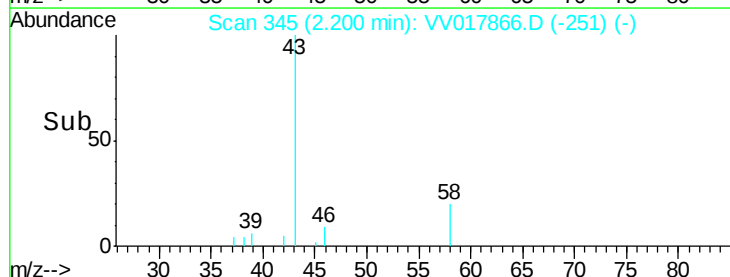
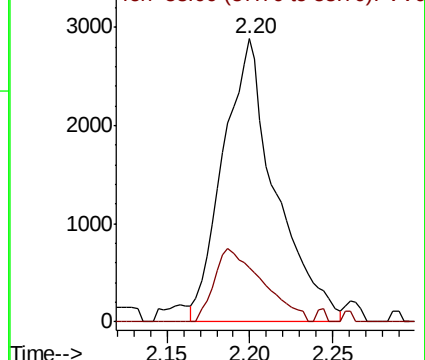
43 100

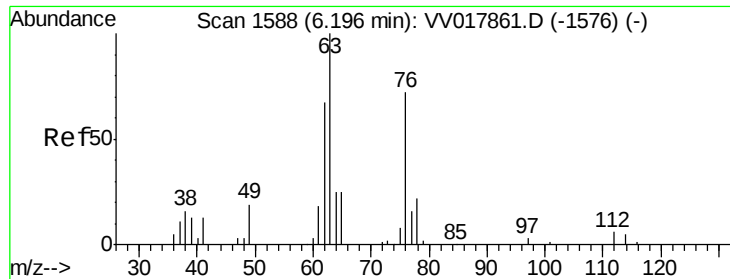
58 23.9 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

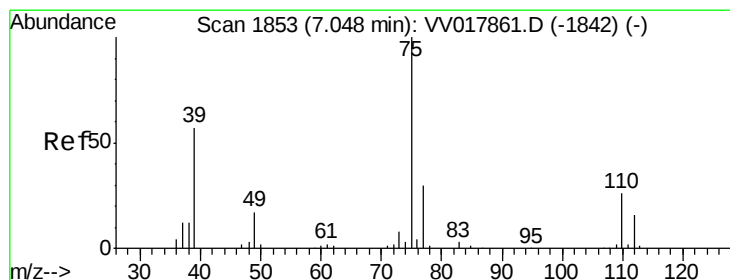
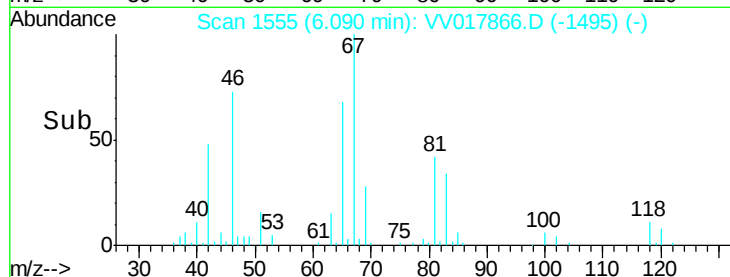
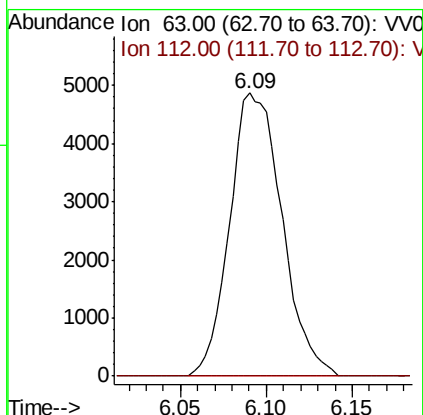
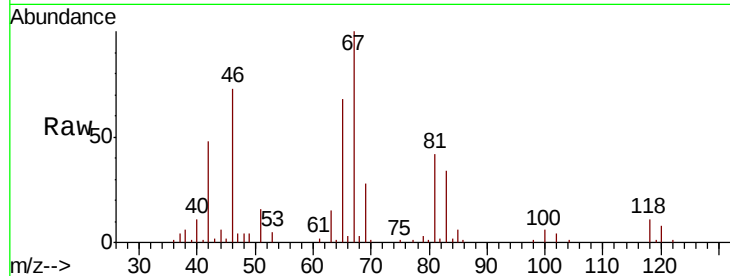




#37
 1,2-Dichloropropane
 Concen: 9.027 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV017866.D
 Acq: 08 Aug 2020 20:09

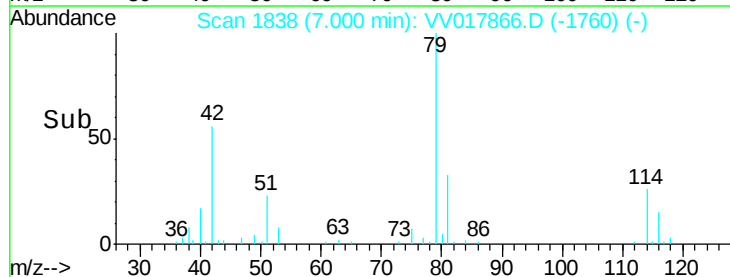
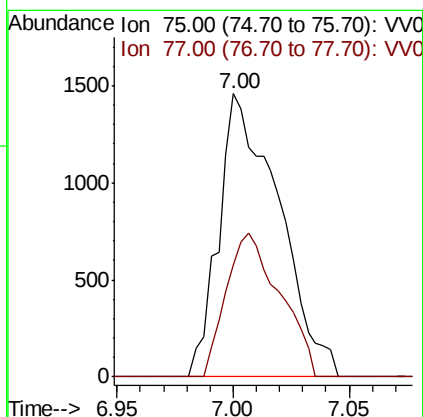
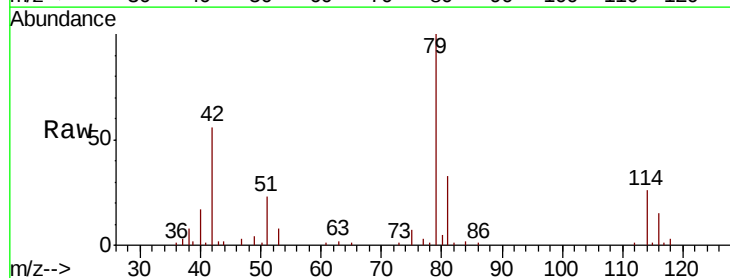
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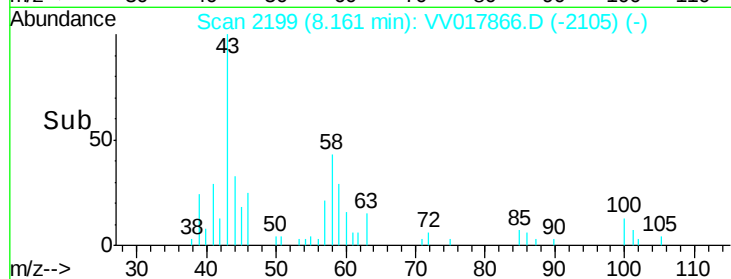
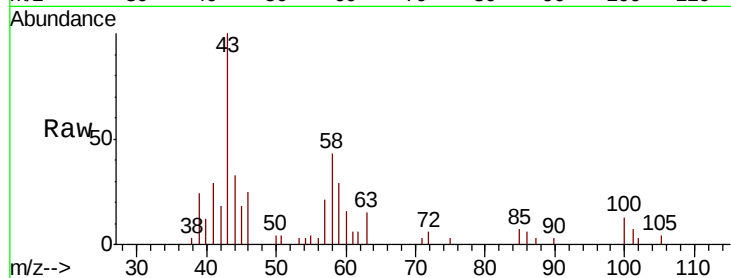
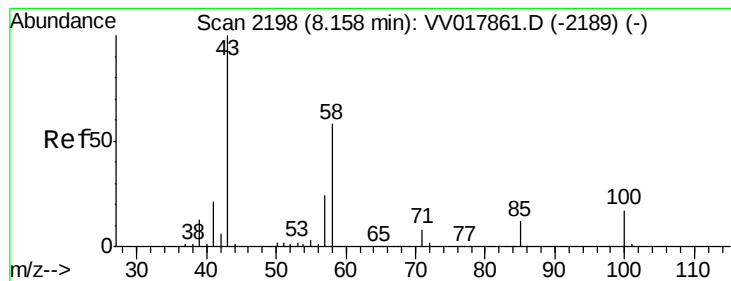
Tot Ion: 63 Resp: 10278
 Ion Ratio Lower Upper
 63 100
 112 0.0 5.8 8.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.336 ug/L
 RT: 7.00 min Scan# 1838
 Delta R.T. -0.05 min
 Lab File: VV017866.D
 Acq: 08 Aug 2020 20:09

Tgt Ion: 75 Resp: 2616
 Ion Ratio Lower Upper
 75 100
 77 39.3 23.7 44.1





#48

2-Hexanone

Concen: 6.413 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV017866.D

Acq: 08 Aug 2020 20:09

Instrument :

MSVOA_V

ClientSampleId :

F2M23

Tot Ion: 43 Resp: 7975

Ion Ratio Lower Upper

43 100

58 45.4 43.8 65.8

57 15.9 18.0 27.0#

100 8.2 13.8 20.8#

