

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
 Data File : VV017708.D
 Acq On : 28 Jul 2020 16:41
 Operator : SY/MD
 Sample : L3470-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 29 05:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 29 05:17:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162867	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159287	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29378	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.58	69	26432	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.12	63	51655	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.92	46	73542	39.53	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.06%
24) Chloroform-d	4.38	84	80983	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.06	65	44359	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.07	84	140516	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.09	67	36433	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.60%
41) Toluene-d8	7.34	98	127768	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
45) trans-1,3-Dichloropropene-	7.65	79	16779	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
48) 2-Hexanone-d5	8.11	63	43288	31.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.16%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25536	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	56663	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

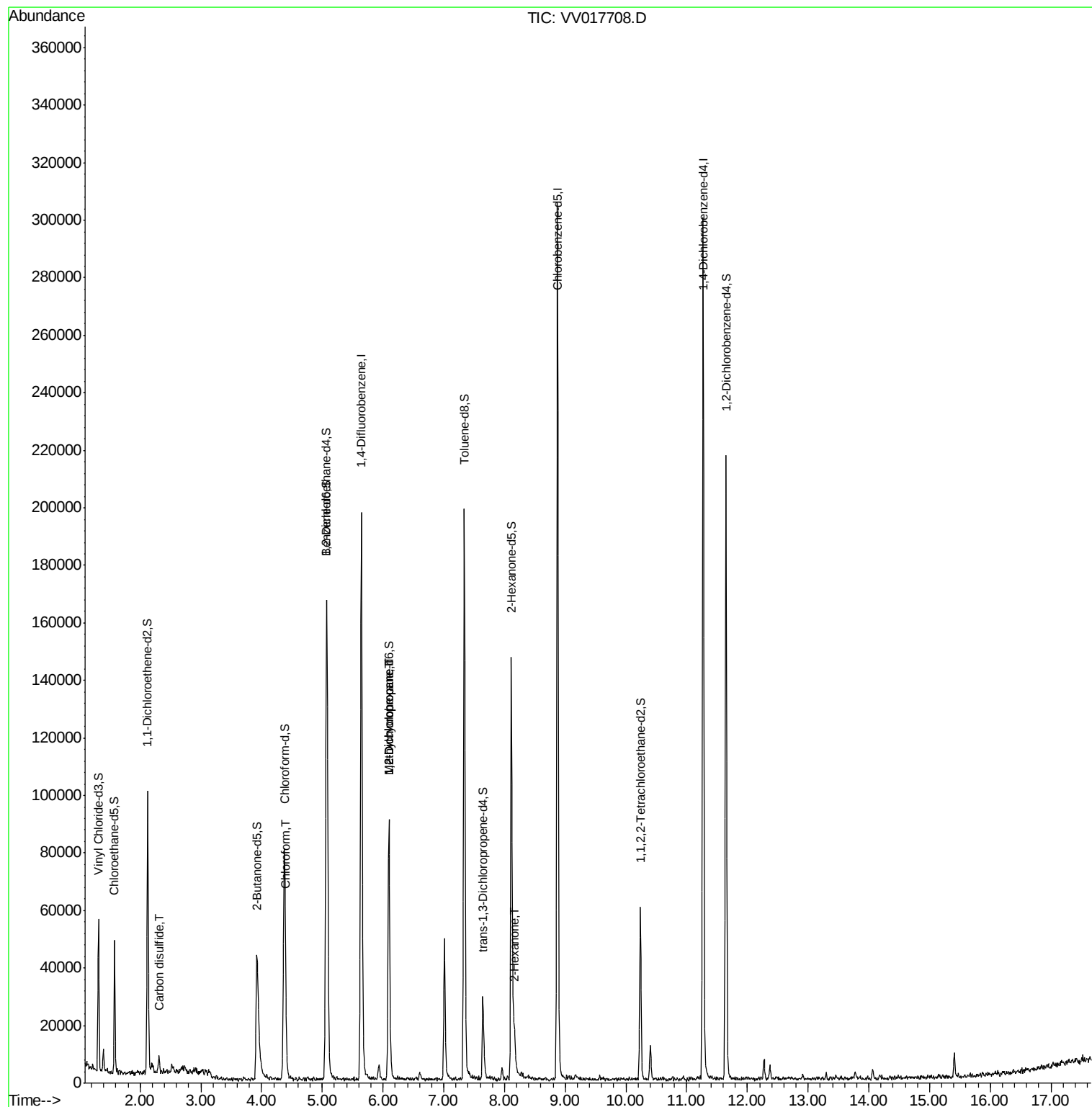
					Ovalue
14) Carbon disulfide	2.31	76	5712	0.214 ug/L #	88
25) Chloroform	4.40	83	2908	0.129 ug/L	86
35) Methylcyclohexane	6.10	83	11656	0.612 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	5843	0.551 ug/L #	84
50) 2-Hexanone	8.17	43	8463	2.059 ug/L #	81

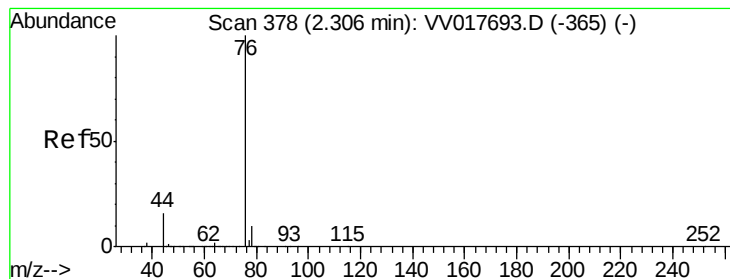
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.214 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV017708.D

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Instrument :

MSVOA_V

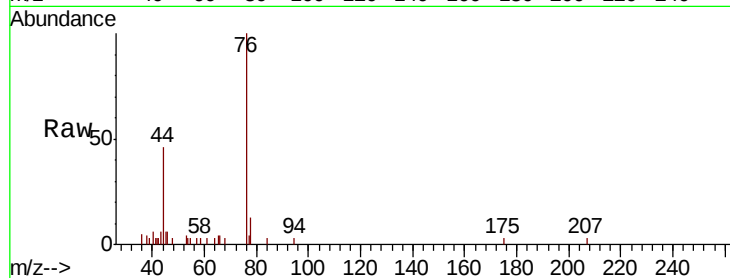
ClientSampleId :

Tot Ion: 76 Resp: 5712

Ion Ratio Lower Upper

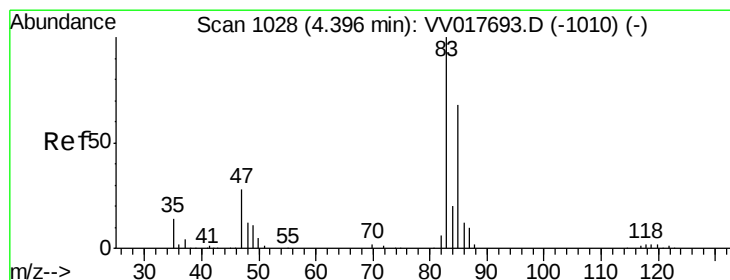
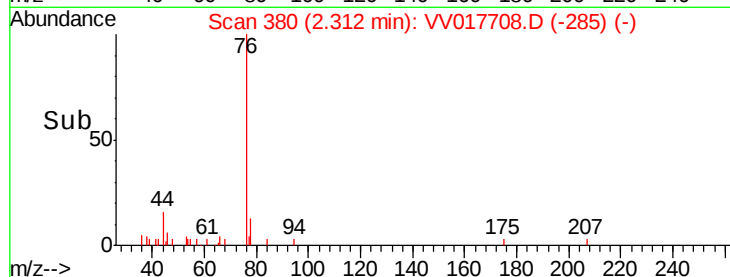
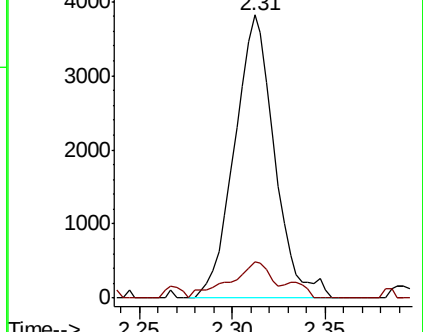
76 100

78 12.7 6.6 10.0#



Abundance Ion 76.05 (75.75 to 76.75): VV017693.D (-365) (-)

Ion 78.00 (77.70 to 78.70): VV017693.D (-365) (-)



#25

Chloroform

Concen: 0.129 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV017708.D

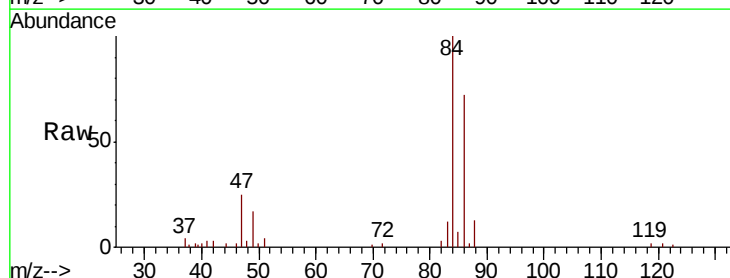
Acq: 28 Jul 2020 16:41

Tgt Ion: 83 Resp: 2908

Ion Ratio Lower Upper

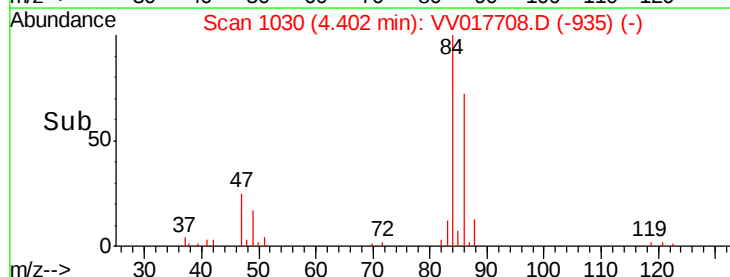
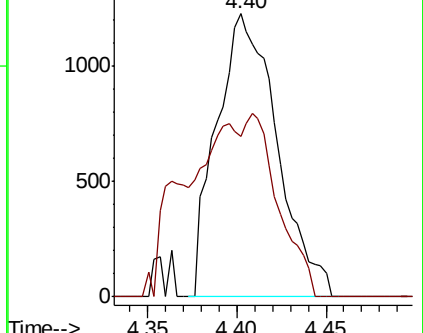
83 100

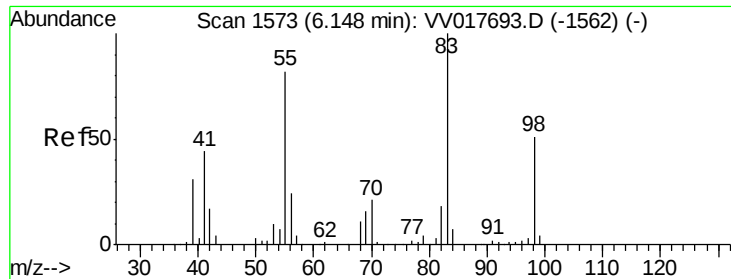
85 56.7 47.3 87.9



Abundance Ion 83.05 (82.75 to 83.75): VV017693.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV017693.D (-1010) (-)

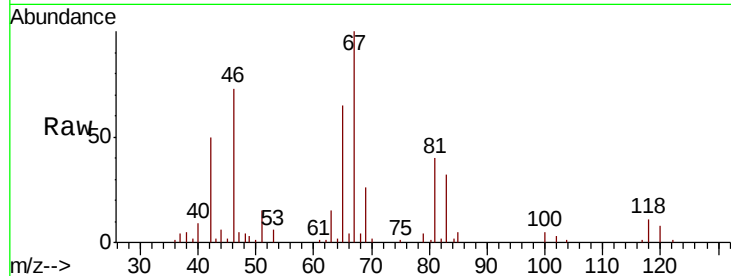




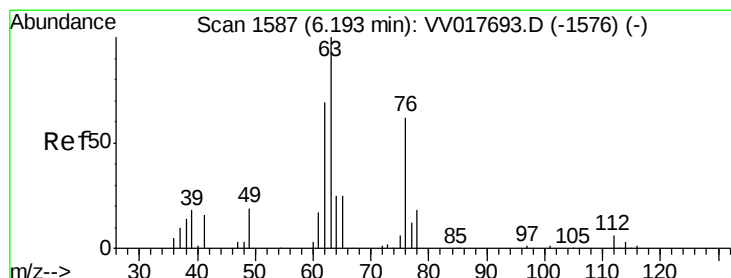
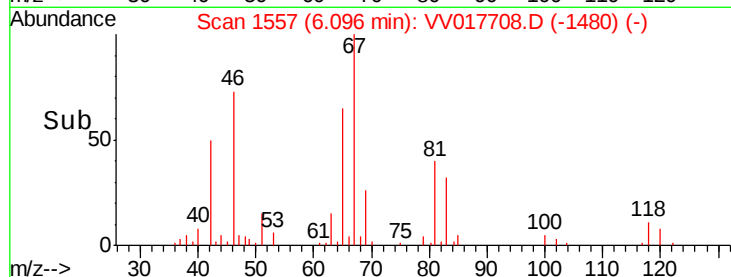
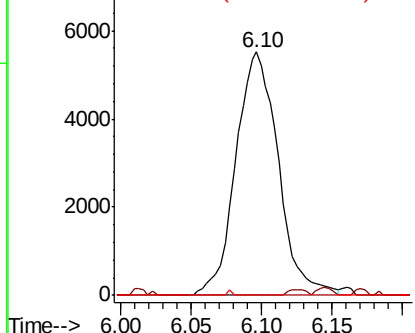
#35
Methvlcvclohexane
Concen: 0.612 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017708.D
Acq: 28 Jul 2020 16:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11656
Ion Ratio Lower Upper
83 100
55 1.0 61.8 92.8#
98 0.2 39.0 58.6#

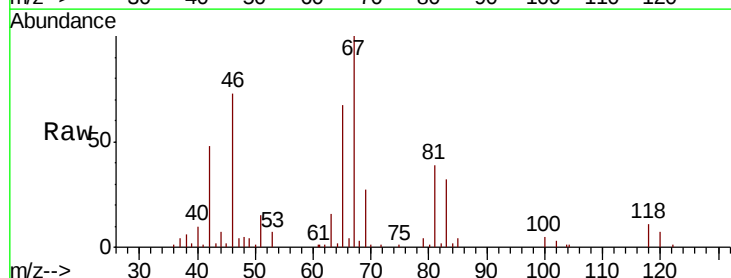


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

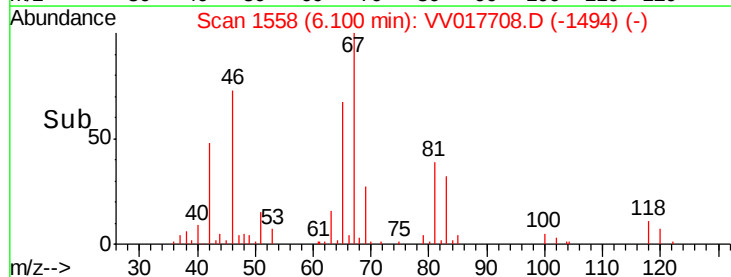
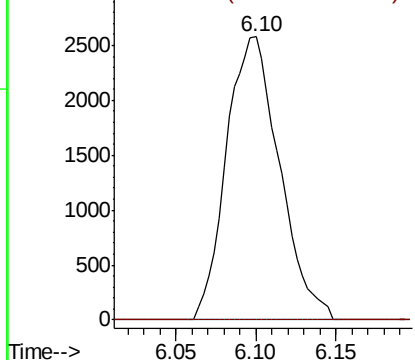


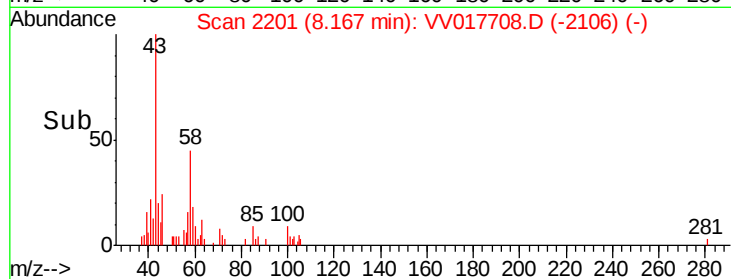
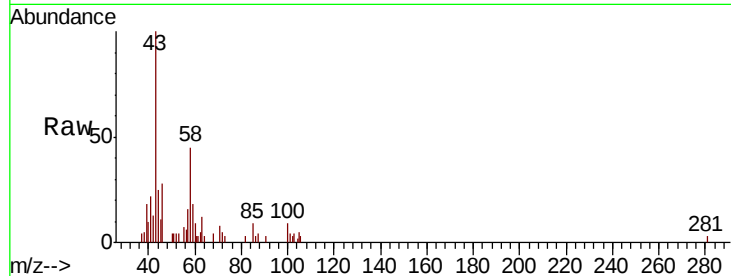
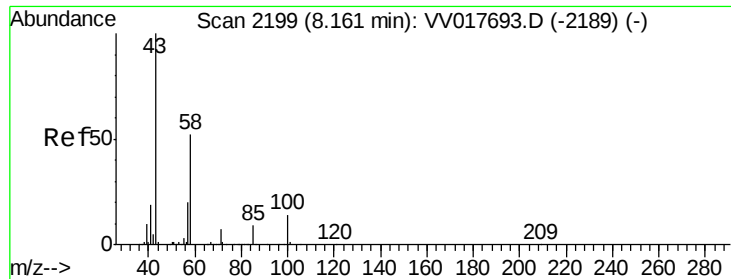
#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.09 min
Lab File: VV017708.D
Acq: 28 Jul 2020 16:41

Tgt Ion: 63 Resp: 5843
Ion Ratio Lower Upper
63 100
112 0.3 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#50

2-Hexanone

Concen: 2.059 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017708.D

Acq: 28 Jul 2020 16:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8463

Ion Ratio Lower Upper

43 100

58 42.2 41.6 62.4

57 3.4 15.4 23.0#

100 7.2 11.2 16.8#

