

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016734.D
 Acq On : 09 Jun 2020 21:59
 Operator : SY/MD
 Sample : L2914-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E37

Quant Time: Jun 10 03:46:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360179	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337783	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163844	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93305	36.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.42%
7) Chloroethane-d5	1.56	69	70728	46.38	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.76%
11) 1,1-Dichloroethene-d2	2.12	63	130780	30.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.28%
21) 2-Butanone-d5	3.89	46	184753	98.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.22%
24) Chloroform-d	4.37	84	225940	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.05	65	161568	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
32) Benzene-d6	5.07	84	435234	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.09	67	138551	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.30%
41) Toluene-d8	7.34	98	381449	42.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.38%
43) trans-1,3-Dichloropropene-	7.64	79	64499	40.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.60%
47) 2-Hexanone-d5	8.11	63	125917	95.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190021	47.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	170747	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

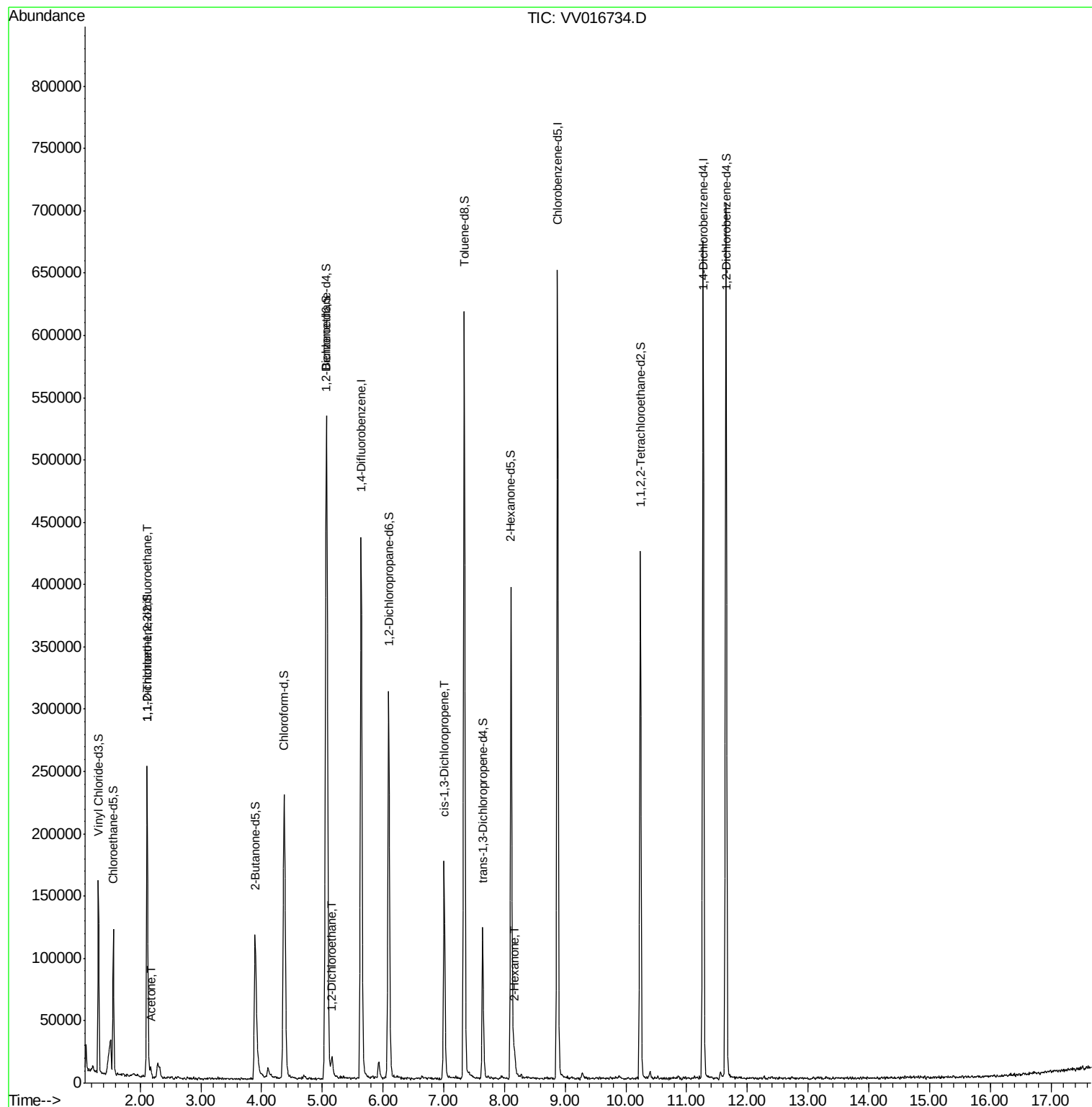
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1260	0.658 ug/L #	20
13) Acetone	2.17	43	6302	5.085 ug/L	90
27) 1,2-Dichloroethane	5.16	62	13923	3.522 ug/L #	93
39) cis-1,3-Dichloropropene	7.00	75	4495	1.113 ug/L	83
48) 2-Hexanone	8.16	43	9438	3.305 ug/L #	90

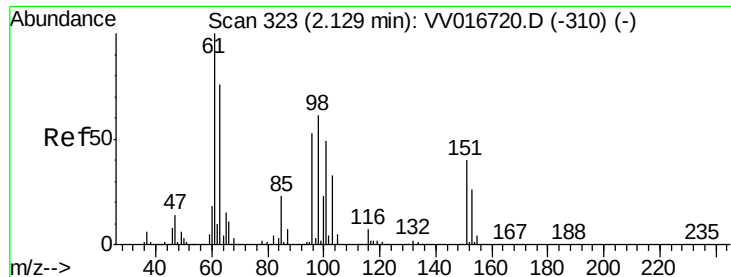
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.658 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016734.D

Acq: 09 Jun 2020 21:59

Instrument :

MSVOA_V

ClientSampleId :

F9E37

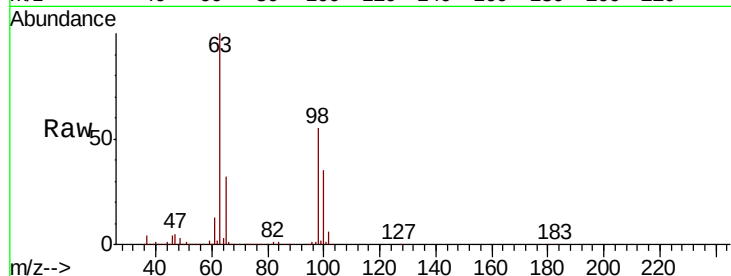
Tot Ion:101 Resp: 1260

Ion Ratio Lower Upper

101 100

85 5.5 35.5 53.3#

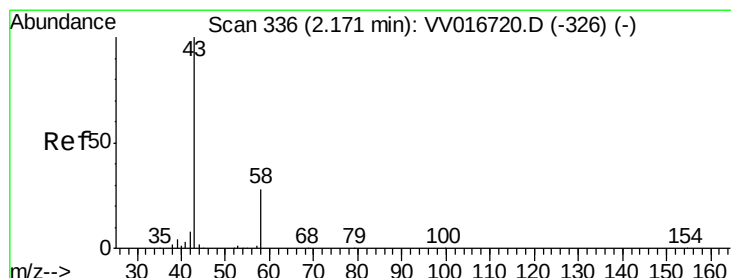
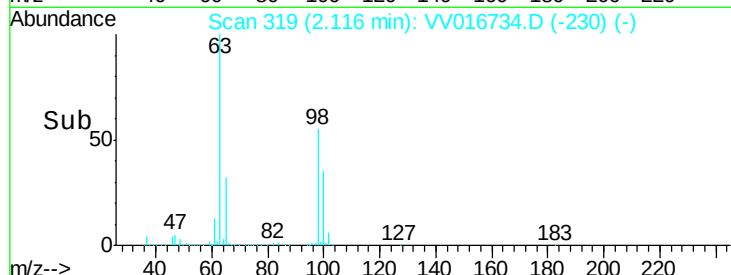
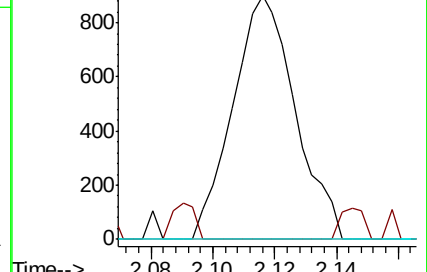
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV016734.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV016734.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016734.D (-230) (-)



#13

Acetone

Concen: 5.085 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016734.D

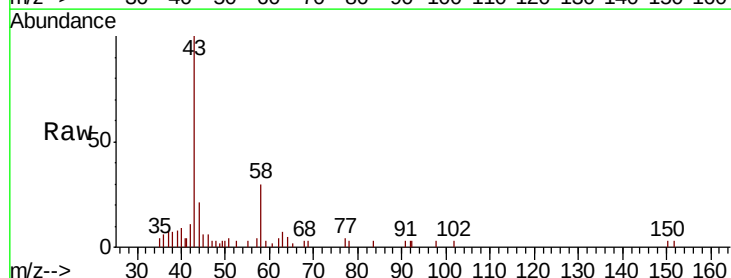
Acq: 09 Jun 2020 21:59

Tgt Ion: 43 Resp: 6302

Ion Ratio Lower Upper

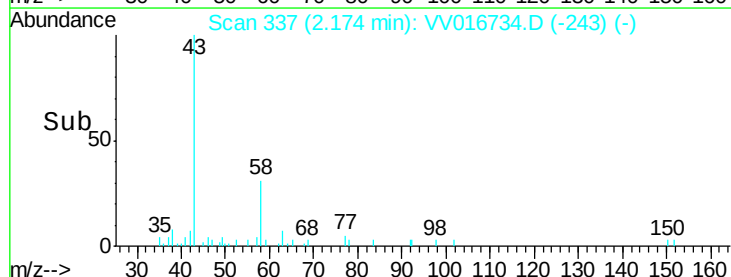
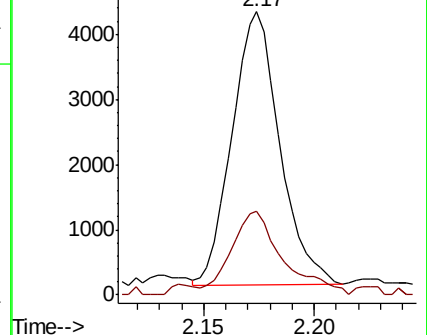
43 100

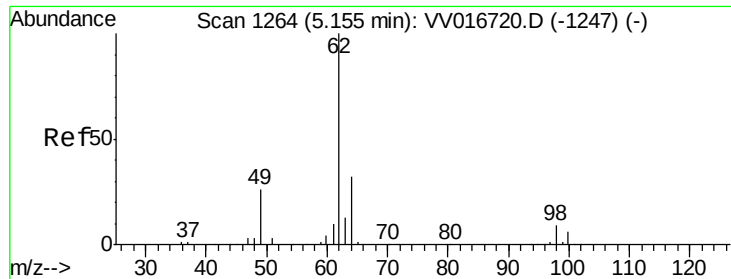
58 33.1 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016734.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV016734.D (-243) (-)

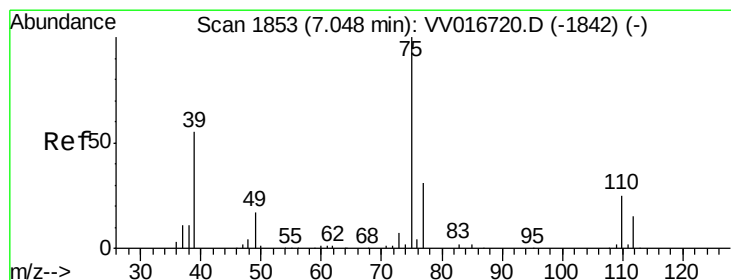
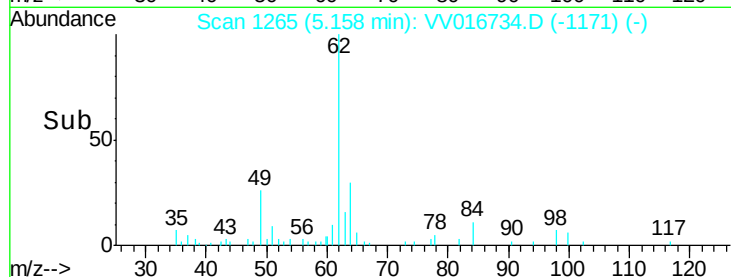
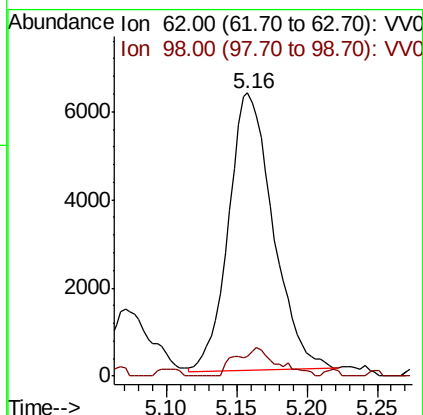
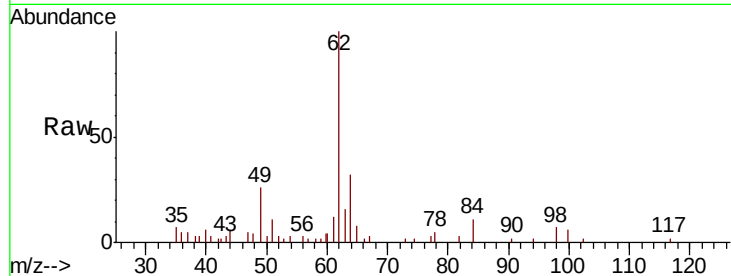




#27
 1,2-Dichloroethane
 Concen: 3.522 ug/L
 RT: 5.16 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VV016734.D
 Acq: 09 Jun 2020 21:59

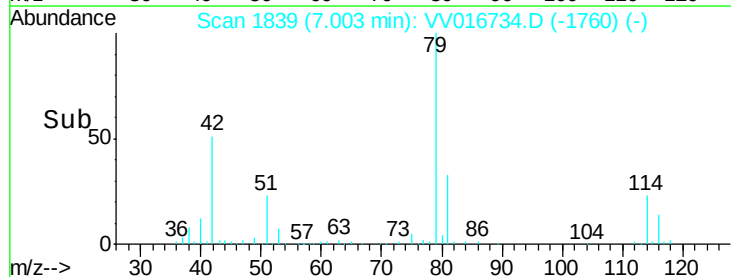
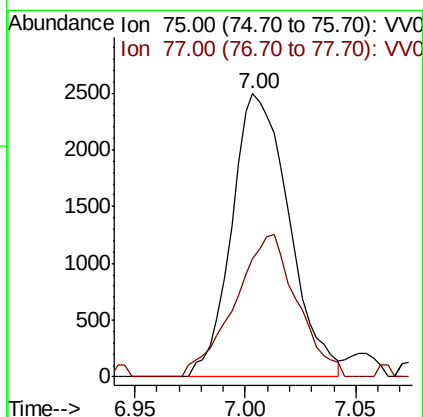
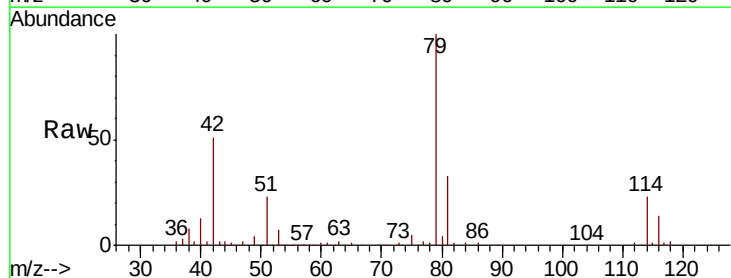
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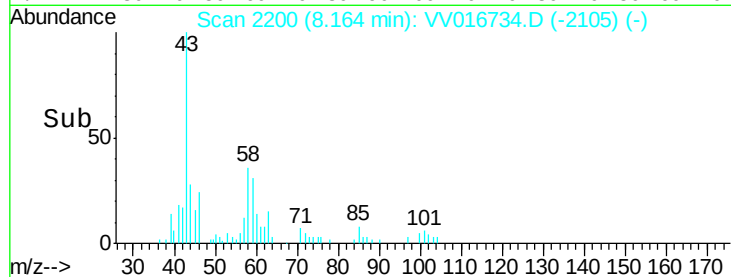
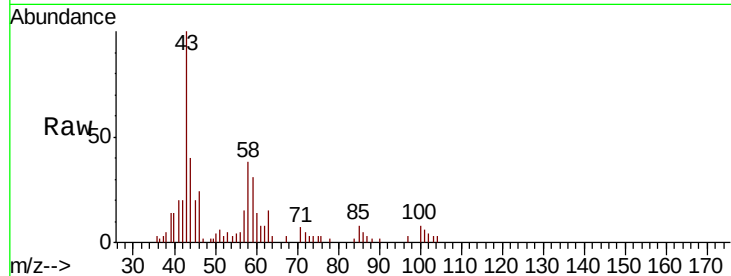
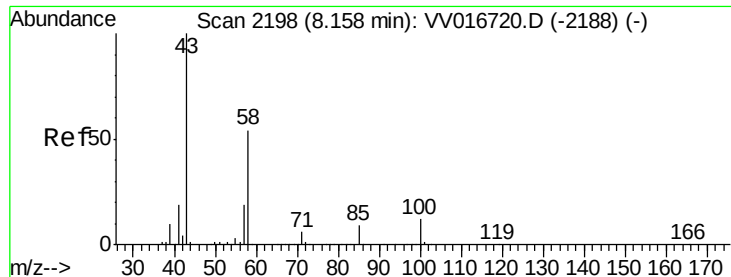
Tot Ion: 62 Resp: 13923
 Ion Ratio Lower Upper
 62 100
 98 6.9 7.4 11.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.113 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV016734.D
 Acq: 09 Jun 2020 21:59

Tgt Ion: 75 Resp: 4495
 Ion Ratio Lower Upper
 75 100
 77 41.8 22.7 42.1





#48

2-Hexanone

Concen: 3.305 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016734.D

Acq: 09 Jun 2020 21:59

Instrument :

MSVOA_V

ClientSampleId :

F9E37

Tot Ion: 43 Resp: 9438

Ion Ratio Lower Upper

43 100

58 52.8 43.1 64.7

57 2.1 15.3 22.9#

100 10.1 10.0 15.0

Abundance Ion 43.00 (42.70 to 43.70): VV0
 15000 Ion 58.00 (57.70 to 58.70): VV0
 10000 Ion 57.00 (56.70 to 57.70): VV0
 5000 Ion 100.00 (99.70 to 100.70): VV0

