

Data File : VU033817.D
Acq On : 15 Aug 2019 18:09
Operator : JC/SP
Sample : K4369-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CD5

Quant Time: Aug 16 02:57:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 02:54:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	399959	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	397382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	179989	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	167432	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.06%
7) Chloroethane-d5	1.67	69	142115	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.46%
11) 1,1-Dichloroethene-d2	2.26	63	219654	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.06%
21) 2-Butanone-d5	4.15	46	194623	103.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.13%
24) Chloroform-d	4.62	84	275754	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
26) 1,2-Dichloroethane-d4	5.28	65	179713	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
32) Benzene-d6	5.32	84	560744	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
36) 1,2-Dichloropropane-d6	6.31	67	181448	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.55	98	503976	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%
43) trans-1,3-Dichloropropene-	7.83	79	80459	47.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.62%
47) 2-Hexanone-d5	8.29	63	137789	103.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.66%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	249938	50.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.22%
64) 1,2-Dichlorobenzene-d4	11.84	152	191815	53.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.94%

Target Compounds

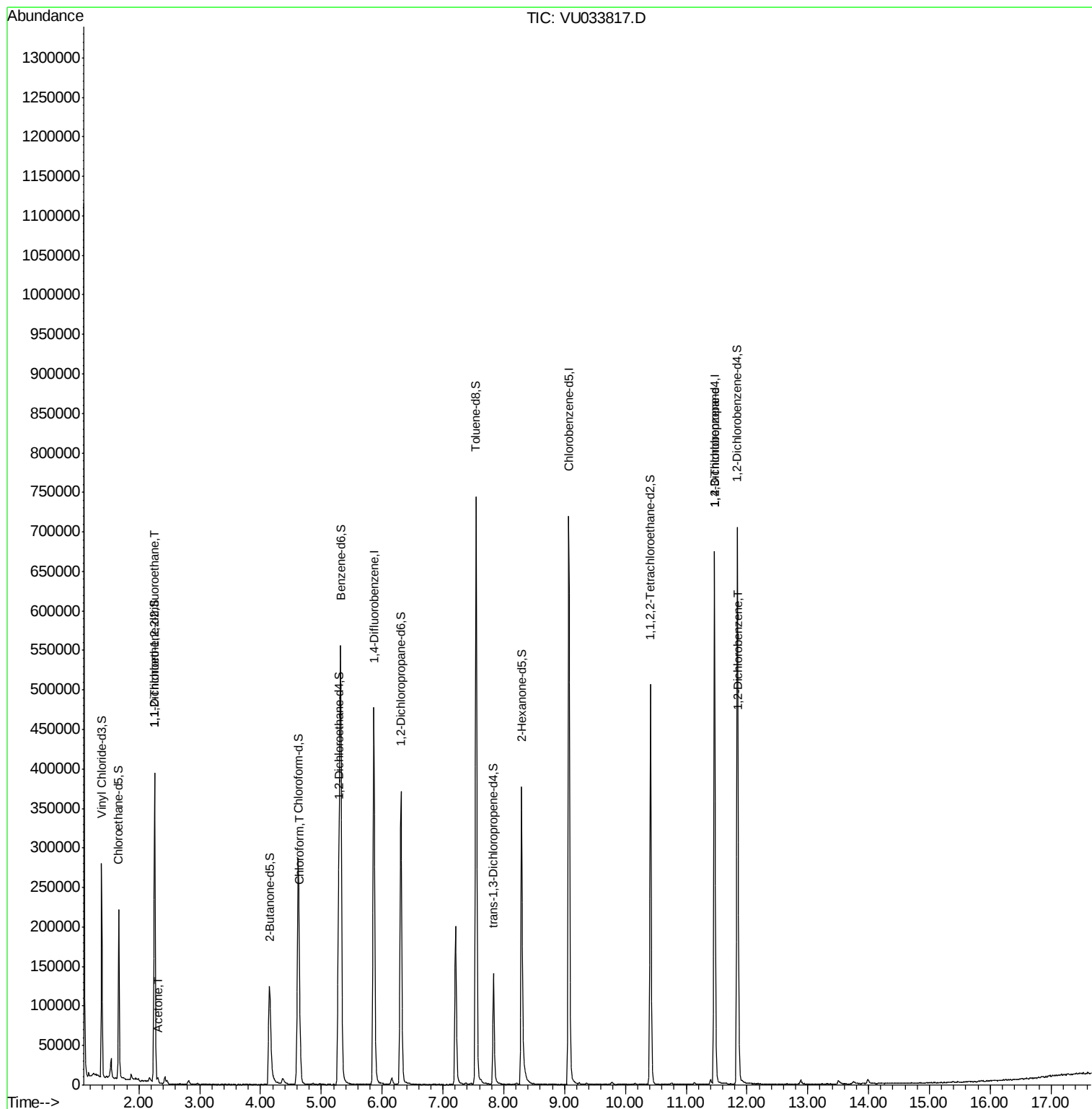
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2283	0.801 ug/L #	33
13) Acetone	2.31	43	5919	3.191 ug/L	93
25) Chloroform	4.65	83	32686	5.672 ug/L	97
59) 1,2,3-Trichloropropane	11.47	75	21950	5.513 ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	13668	2.414 ug/L	99

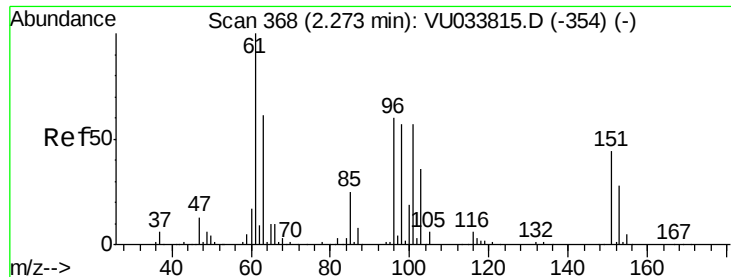
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.801 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

C0CD5

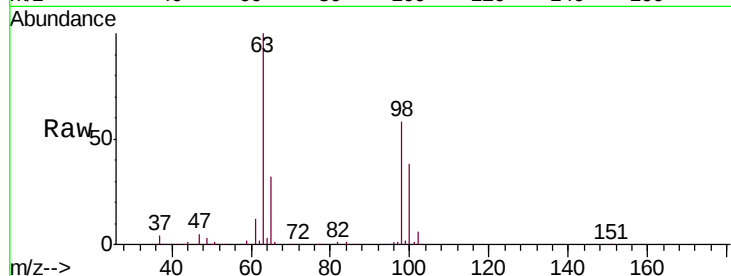
Tgt Ion: 101 Resp: 2283

Ion Ratio Lower Upper

101 100

85 7.1 35.2 52.8#

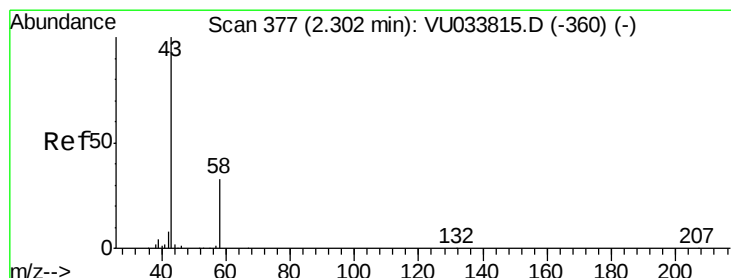
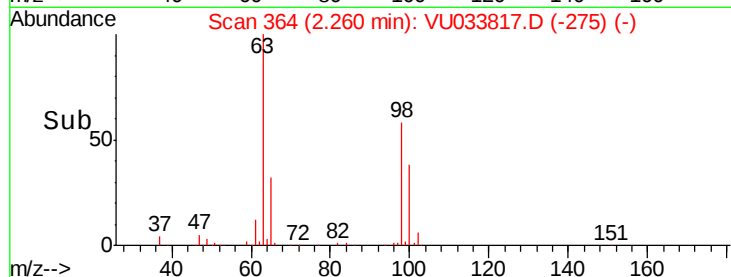
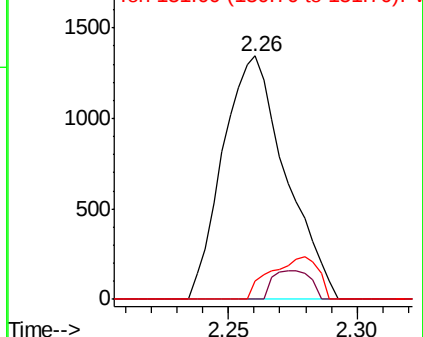
151 13.2 60.4 90.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.191 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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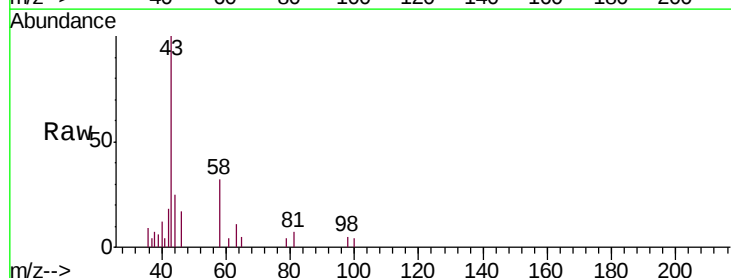
Acq: 15 Aug 2019 18:09

Tgt Ion: 43 Resp: 5919

Ion Ratio Lower Upper

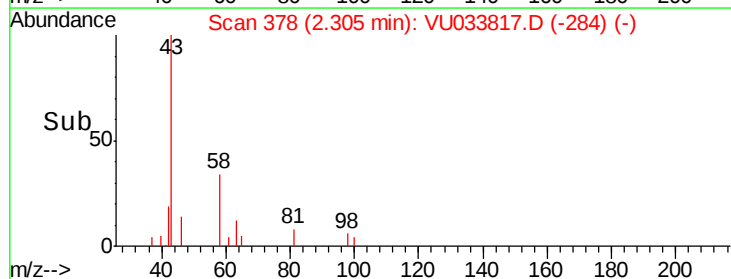
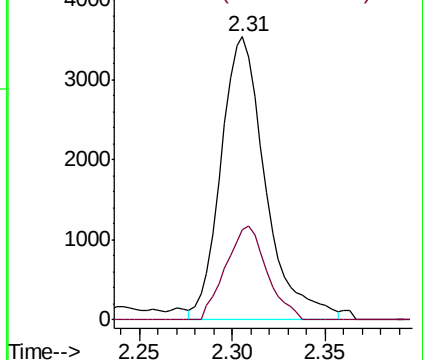
43 100

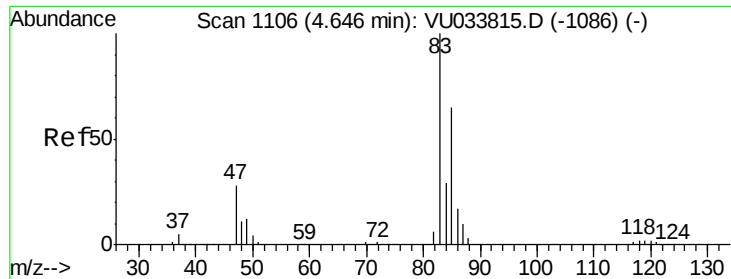
58 30.6 0.0 69.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

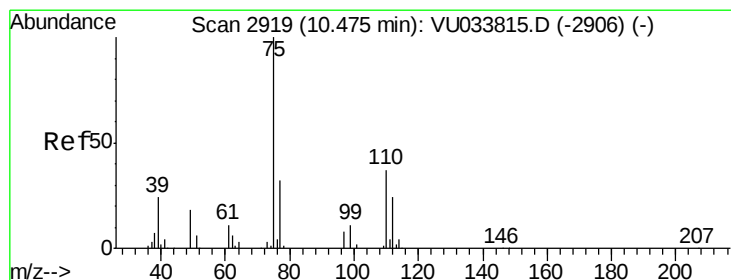
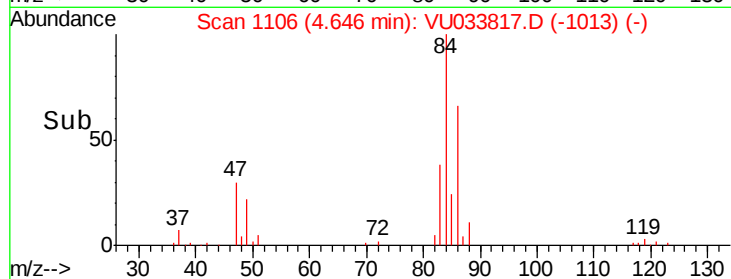
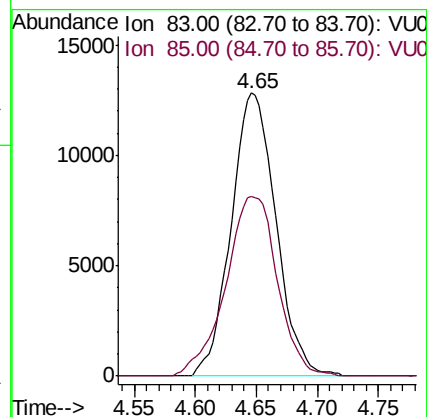
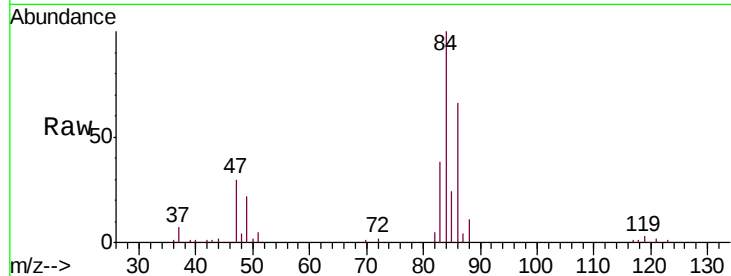




#25
Chloroform
Concen: 5.672 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033817.D
Acq: 15 Aug 2019 18:09

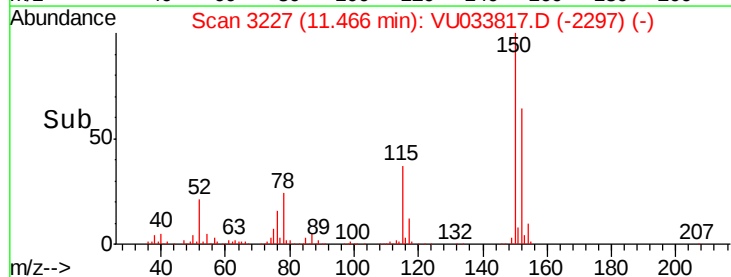
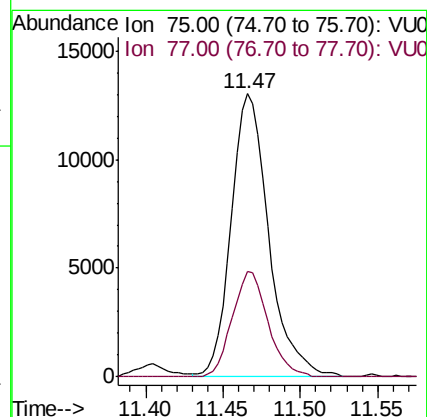
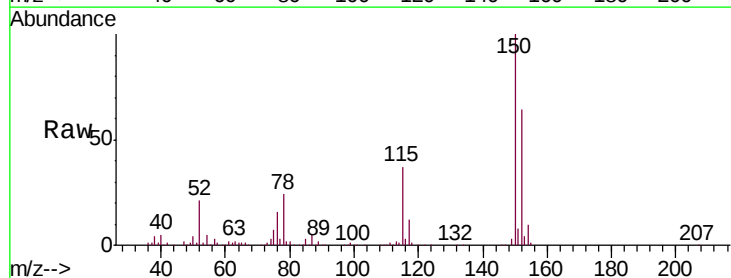
Instrument :
MSVOA_U
ClientSampled :
C0CD5

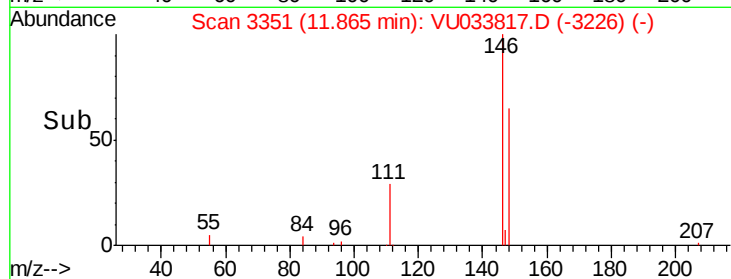
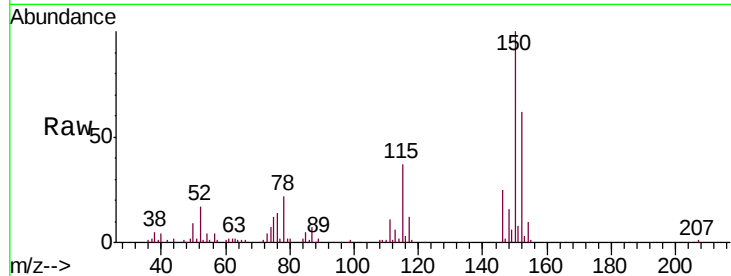
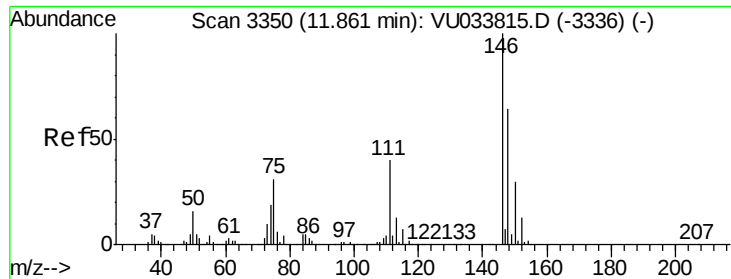
Tgt Ion: 83 Resp: 32686
Ion Ratio Lower Upper
83 100
85 63.7 46.3 86.1



#59
1,2,3-Trichloropropane
Concen: 5.513 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033817.D
Acq: 15 Aug 2019 18:09

Tgt Ion: 75 Resp: 21950
Ion Ratio Lower Upper
75 100
77 35.3 26.0 39.0





#65
 1,2-Dichlorobenzene
 Concen: 2.414 ug/L
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033817.D
 Acq: 15 Aug 2019 18:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD5

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	33.8	50.6
148	64.6	51.0	76.4

