

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037027.D
 Acq On : 03 Mar 2020 16:32
 Operator : JC/MD
 Sample : L1746-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 04 06:56:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 04 06:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265281	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251760	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	91026	50.00	ug/L	0.00

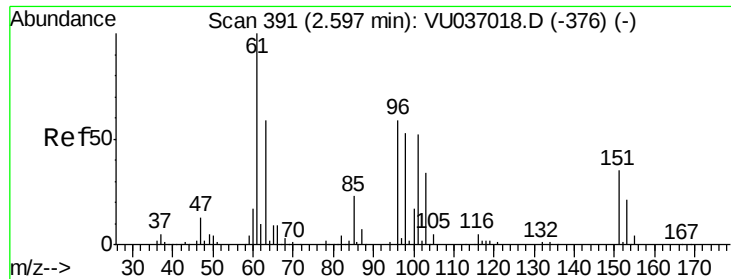
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102089	45.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.66%
7) Chloroethane-d5	1.93	69	95519	51.82	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.64%
11) 1,1-Dichloroethene-d2	2.59	63	130868	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%
21) 2-Butanone-d5	4.67	46	144380	96.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.62%
24) Chloroform-d	5.11	84	168736	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.74	65	114117	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.76	84	363599	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
36) 1,2-Dichloropropane-d6	6.72	67	120660	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.32%
41) Toluene-d8	7.93	98	320360	47.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.86%
43) trans-1,3-Dichloropropene-	8.20	79	48369	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
47) 2-Hexanone-d5	8.66	63	99298	86.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	160554	48.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	93330	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1211	0.715 ug/L #	23
13) Acetone	2.66	43	5412	3.521 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	4304	1.595 ug/L #	77
34) Trichloroethene	6.57	95	3085	1.578 ug/L	92
35) Methylcyclohexane	6.72	83	25993	7.669 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13718	6.406 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2945	0.893 ug/L #	63
59) 1,2,3-Trichloropropane	11.83	75	14008	5.085 ug/L	96

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



#10

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

Concen: 0.715 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

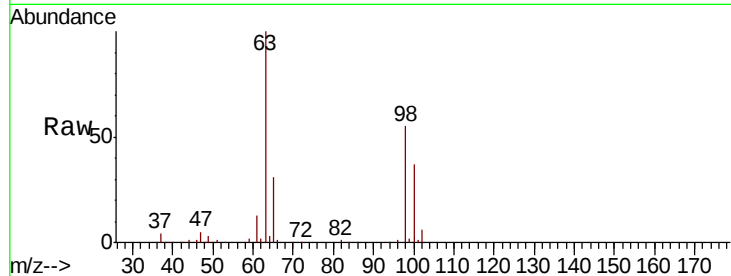
Tot Ion:101 Resp: 1211

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

151 0.0 52.4 78.6#



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

1000

800

600

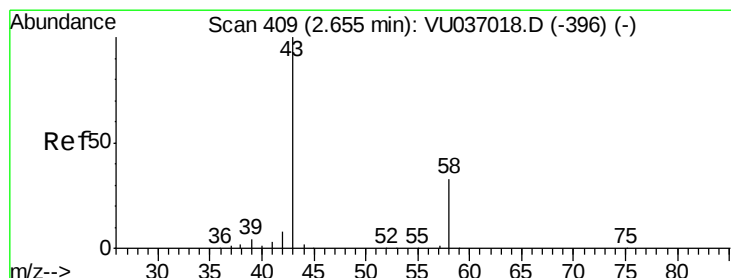
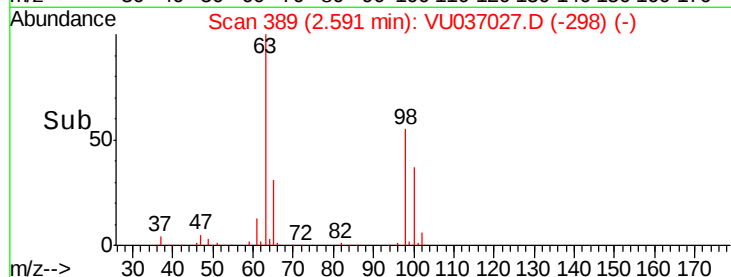
400

200

0

2.56 2.58 2.60 2.62

Time-->



#13

Acetone

Concen: 3.521 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU037027.D

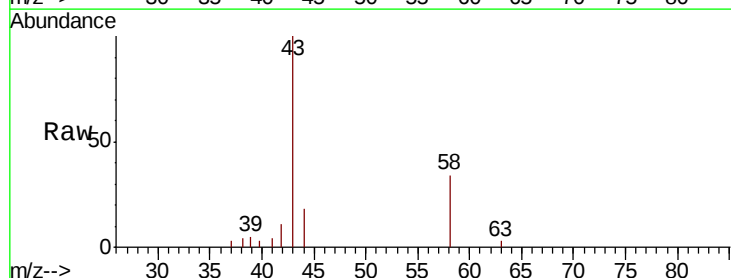
Acq: 03 Mar 2020 16:32

Tgt Ion: 43 Resp: 5412

Ion Ratio Lower Upper

43 100

58 31.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

3000

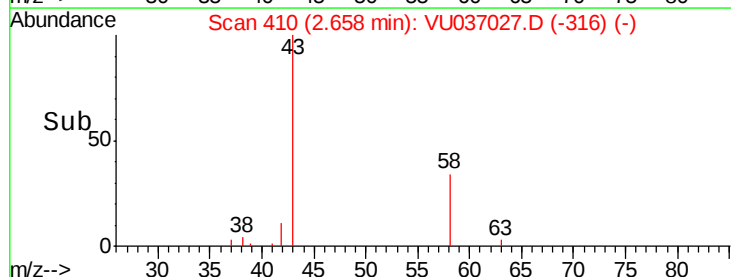
2000

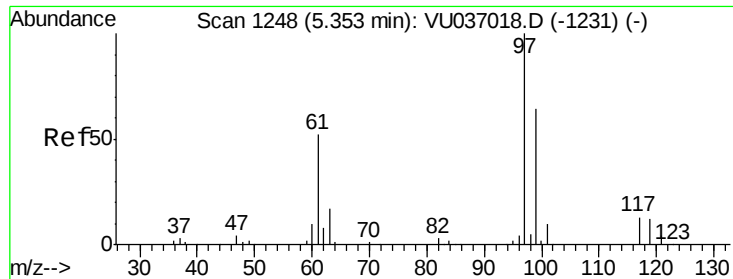
1000

0

2.60 2.65 2.70

Time-->

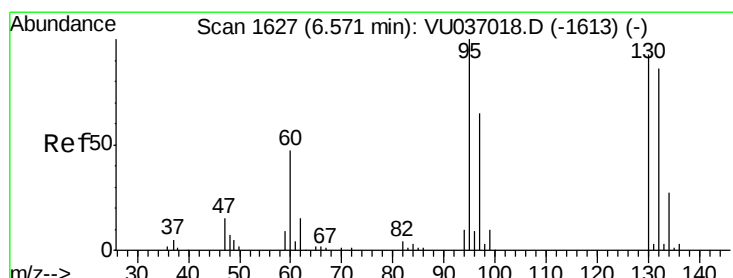
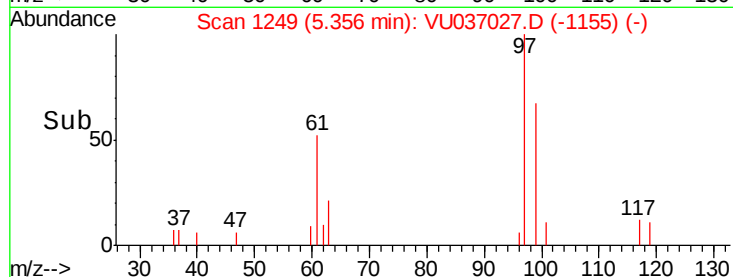
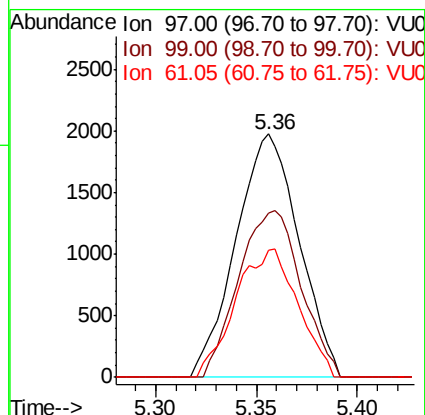
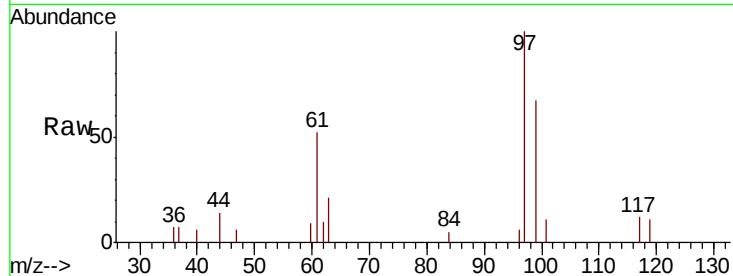




#30
 1,1,1-Trichloroethane
 Concen: 1.595 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU037027.D
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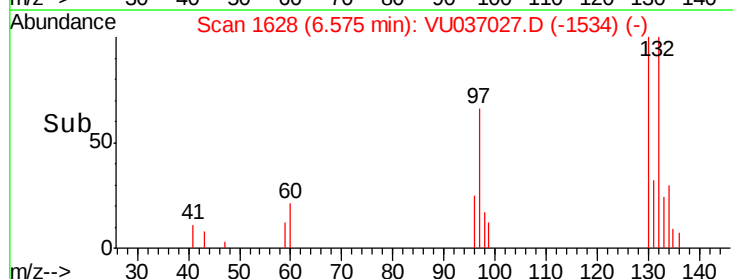
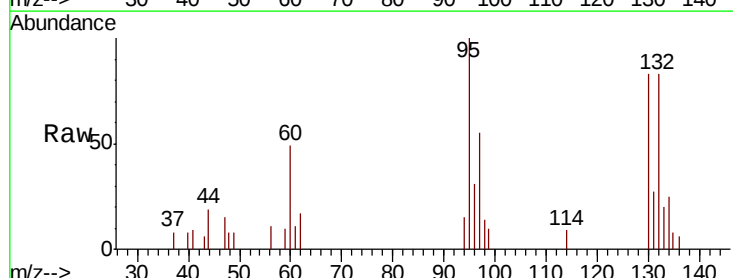
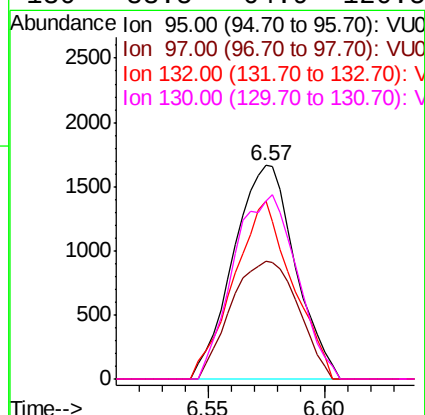
Instrument :
 MSVOA_U
 ClientSampled :

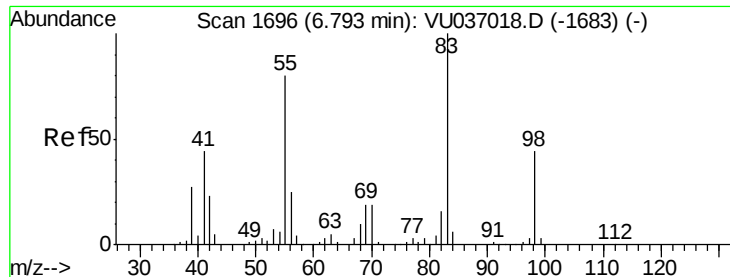
Tot Ion: 97 Resp: 4304
 Ion Ratio Lower Upper
 97 100
 99 68.0 50.4 75.6
 61 20.9 40.3 60.5#



#34
 Trichloroethene
 Concen: 1.578 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037027.D
 Acq: 03 Mar 2020 16:32

Tgt Ion: 95 Resp: 3085
 Ion Ratio Lower Upper
 95 100
 97 55.2 44.1 81.9
 132 83.4 60.6 112.6
 130 83.5 64.9 120.5

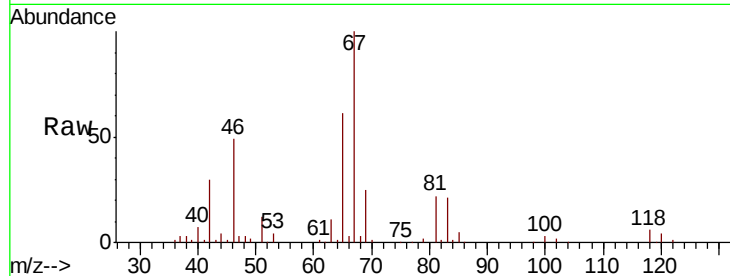




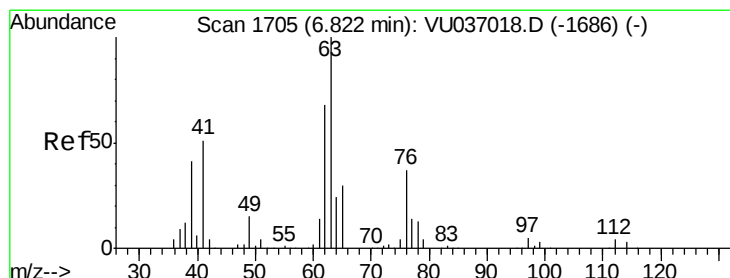
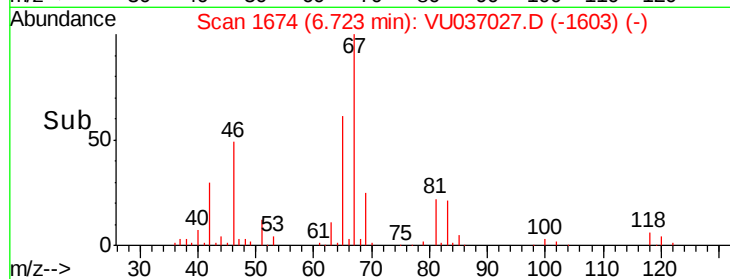
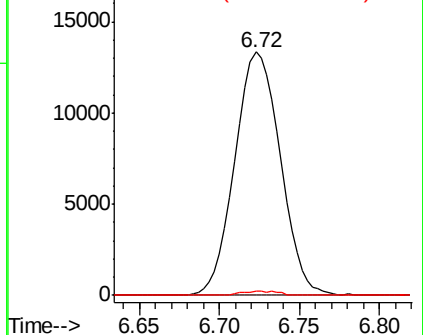
#35
Methvlcvclohexane
Concen: 7.669 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037027.D
Acq: 03 Mar 2020 16:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 25993
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.9 35.1 52.7#

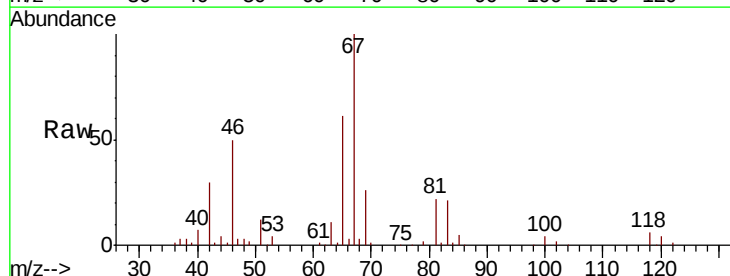


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

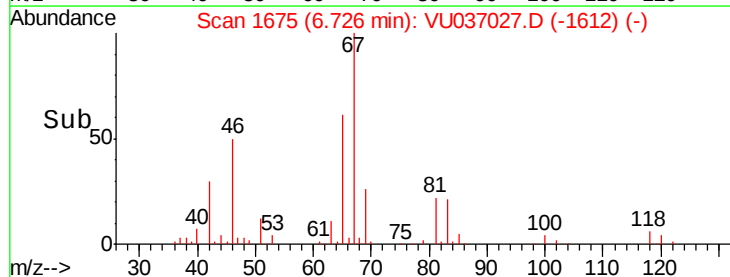
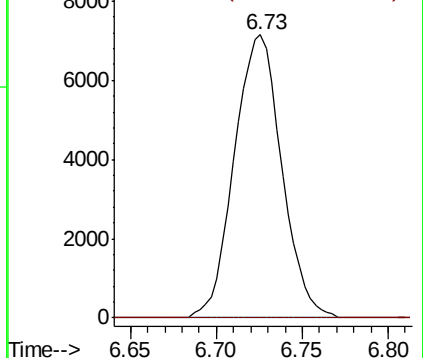


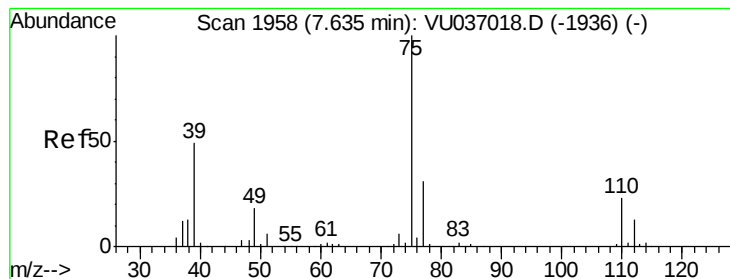
#37
1,2-Dichloropropane
Concen: 6.406 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037027.D
Acq: 03 Mar 2020 16:32

Tgt Ion: 63 Resp: 13718
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



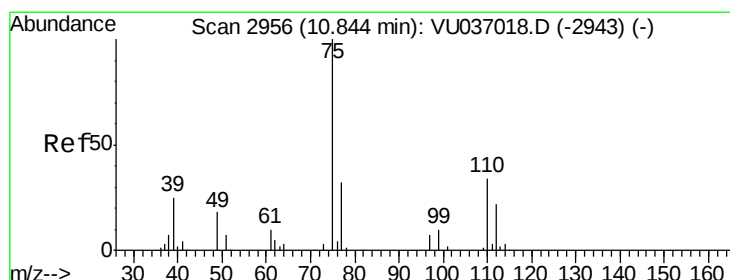
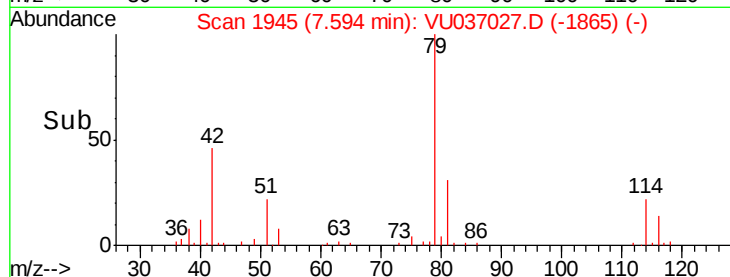
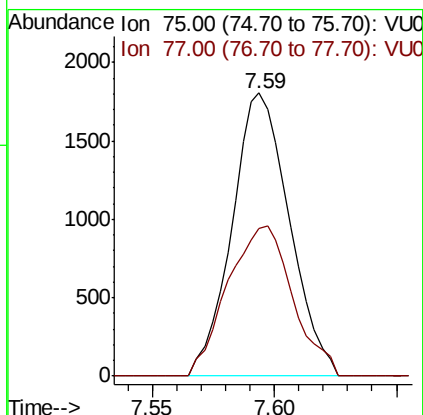
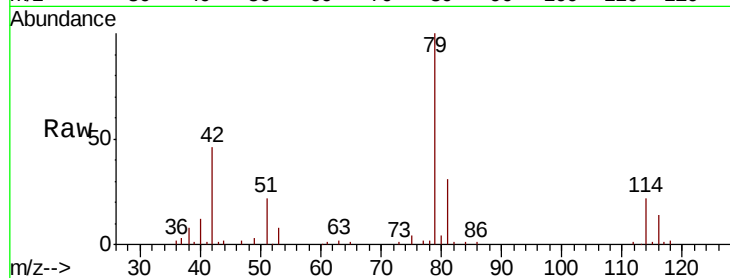


#39

cis-1,3-Dichloropropene
Concen: 0.893 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037027.D
Acq: 03 Mar 2020 16:32

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 2945
Ion Ratio Lower Upper
75 100
77 52.0 22.0 41.0#



#59

1,2,3-Trichloropropane
Concen: 5.085 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU037027.D
Acq: 03 Mar 2020 16:32

Tgt Ion: 75 Resp: 14008
Ion Ratio Lower Upper
75 100
77 35.0 26.2 39.2

