

Data File : VU032487.D
Acq On : 06 Jun 2019 11:26
Operator : JC/SP
Sample : K3213-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8H8

Quant Time: Jun 07 04:10:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214459	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	195704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99880	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48957	35.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.38%
7) Chloroethane-d5	1.68	69	44406	39.71	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.42%
11) 1,1-Dichloroethene-d2	2.27	63	80335	29.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.98%#
21) 2-Butanone-d5	4.17	46	105352	90.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.48%
24) Chloroform-d	4.64	84	115058	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	5.30	65	76854	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.33	84	239808	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.32	67	75941	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.34%
41) Toluene-d8	7.56	98	227732	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%
43) trans-1,3-Dichloropropene-	7.85	79	37048	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.18%
47) 2-Hexanone-d5	8.31	63	70708	91.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109426	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	96076	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%

Target Compounds

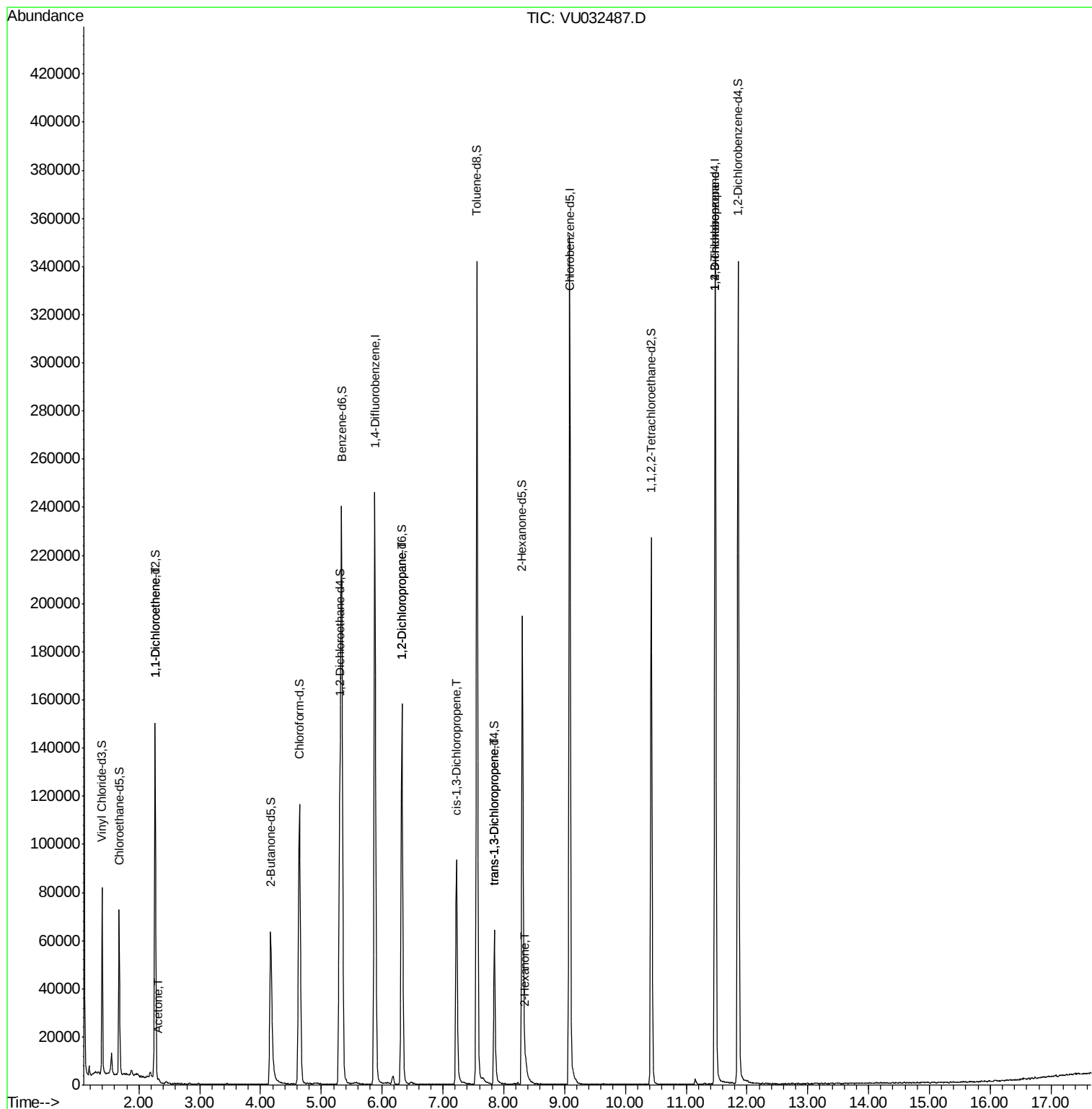
					Qvalue	
12) 1,1-Dichloroethene	2.27	96	722	0.567	ug/L #	1
13) Acetone	2.31	43	579	0.482	ug/L	66
37) 1,2-Dichloropropane	6.32	63	8384	5.752	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2411	1.048	ug/L #	78
44) trans-1,3-Dichloropropene	7.85	75	1634	0.800	ug/L #	77
48) 2-Hexanone	8.36	43	3518	1.827	ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	11137	5.877	ug/L	89

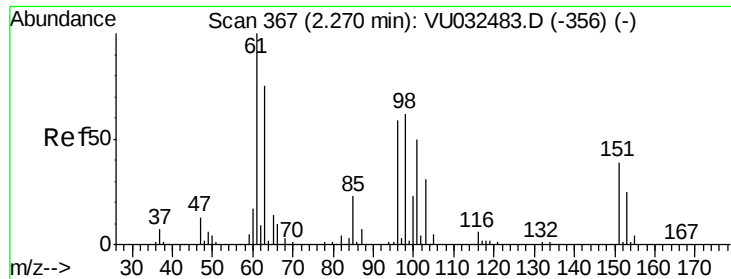
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.567 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU032487.D

Acq: 06 Jun 2019 11:26

Instrument :

MSVOA_U

ClientSampleId :

DB8H8

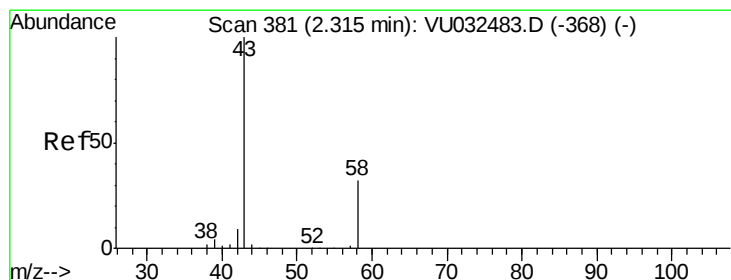
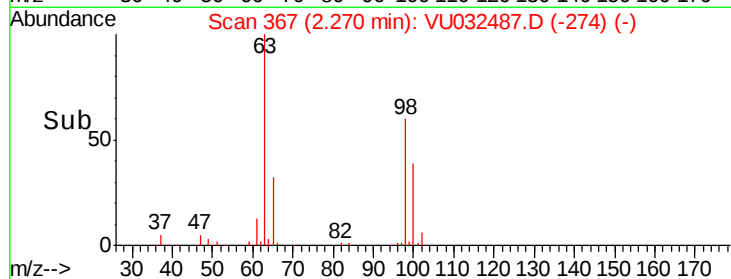
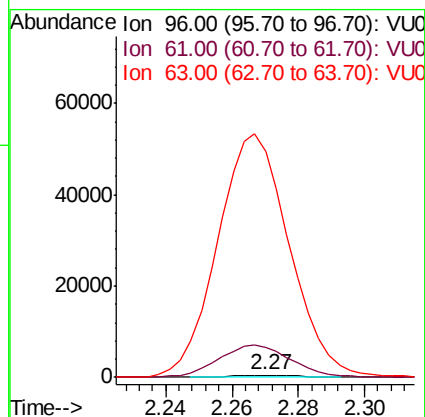
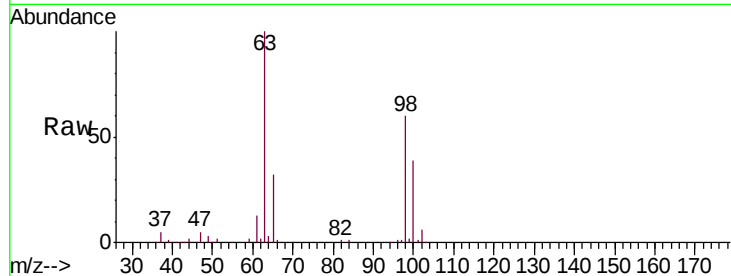
Tgt Ion: 96 Resp: 722

Ion Ratio Lower Upper

96 100

61 1332.0 129.5 240.5#

63 10009.7 103.4 192.0#



#13

Acetone

Concen: 0.482 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VU032487.D

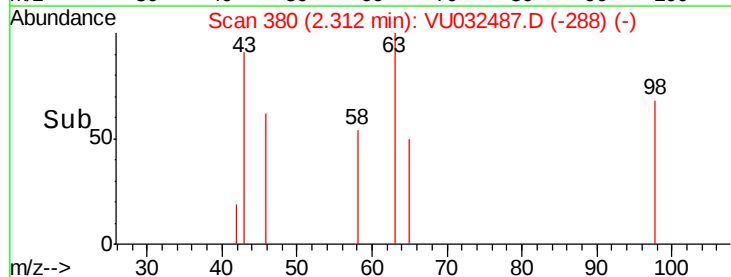
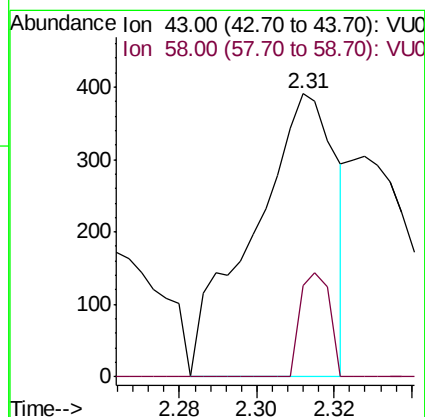
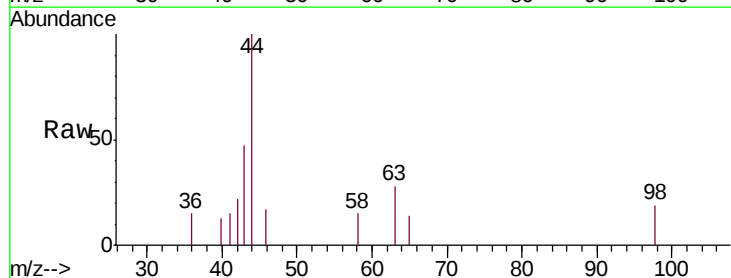
Acq: 06 Jun 2019 11:26

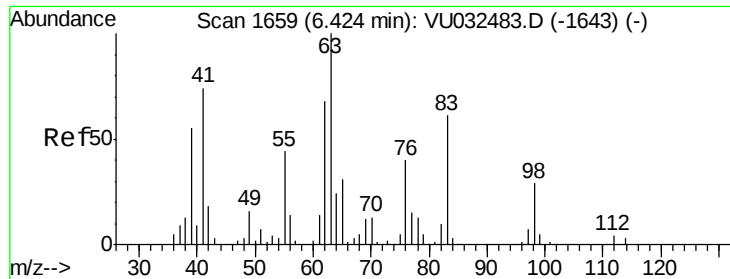
Tgt Ion: 43 Resp: 579

Ion Ratio Lower Upper

43 100

58 13.1 0.0 64.0

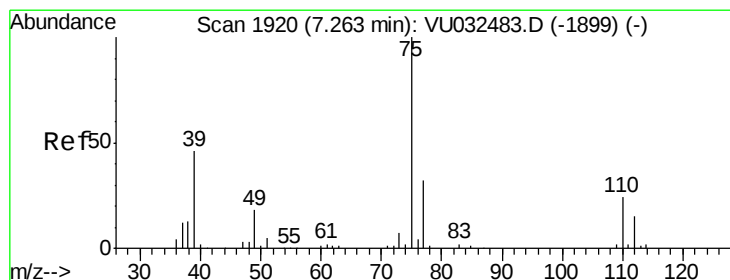
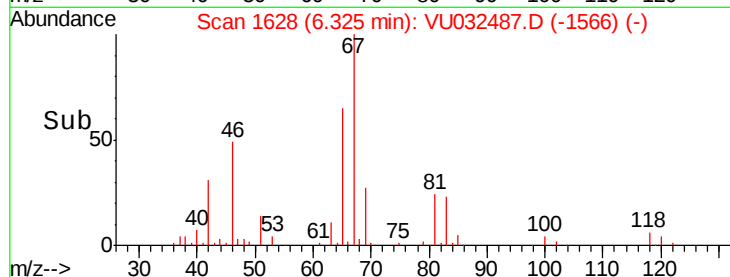
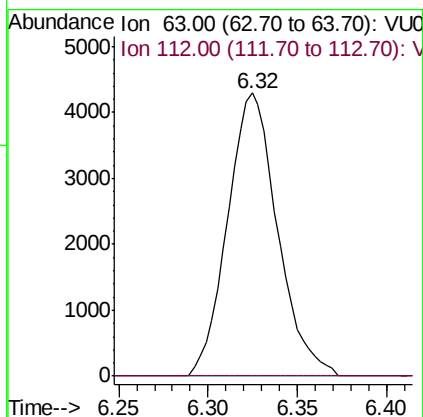
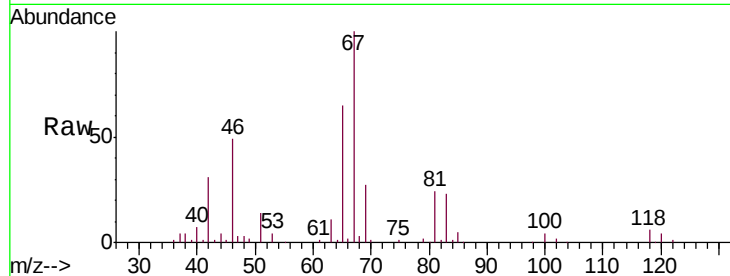




#37
 1,2-Dichloropropane
 Concen: 5.752 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032487.D
 Acq: 06 Jun 2019 11:26

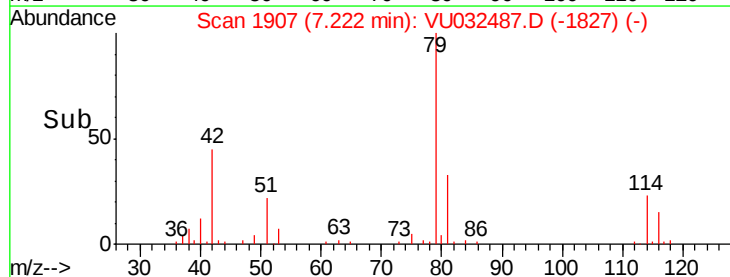
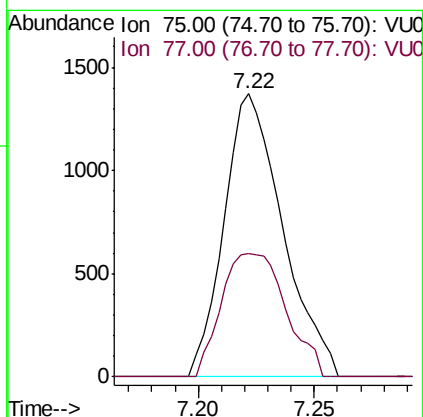
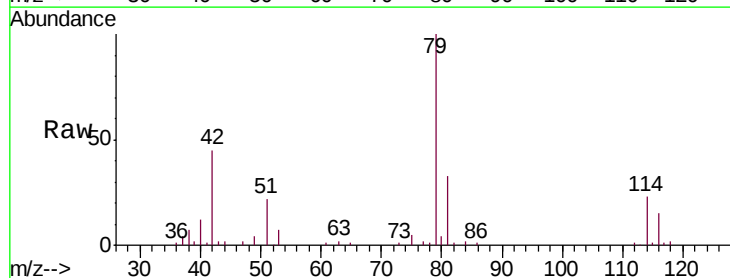
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8H8

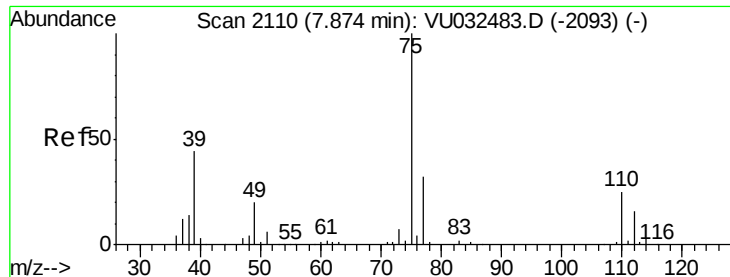
Tgt Ion: 63 Resp: 8384
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.048 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032487.D
 Acq: 06 Jun 2019 11:26

Tgt Ion: 75 Resp: 2411
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.800 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032487.D

Acq: 06 Jun 2019 11:26

Instrument :

MSVOA_U

ClientSampled :

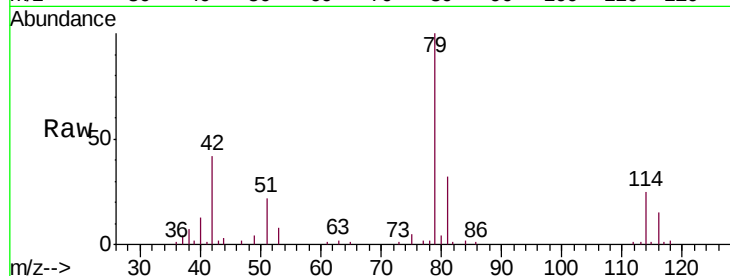
DB8H8

Tgt Ion: 75 Resp: 1634

Ion Ratio Lower Upper

75 100

77 44.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU032487.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU032487.D (-2101) (-)

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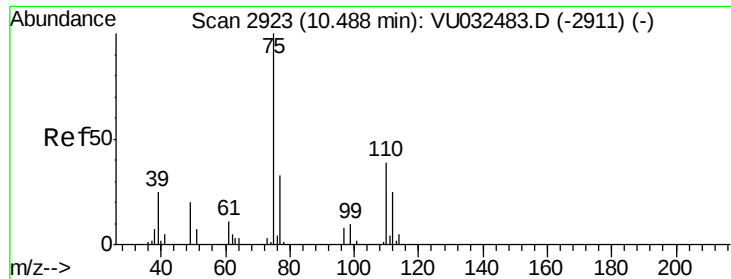
10.51

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#59

1,2,3-Trichloropropane

Concen: 5.877 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032487.D

Acq: 06 Jun 2019 11:26

Instrument :

MSVOA_U

ClientSampleId :

DB8H8

Tgt Ion: 75 Resp: 11137

Ion Ratio Lower Upper

75 100

77 38.4 25.6 38.4

