

Data File : VU033701.D
Acq On : 09 Aug 2019 22:29
Operator : JC/SP
Sample : K4202-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B32

Quant Time: Aug 10 04:30:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	378056	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	367070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	182232	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	130725	46.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.94%
7) Chloroethane-d5	1.67	69	130216	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.36%
11) 1,1-Dichloroethene-d2	2.26	63	175702	37.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.10%
21) 2-Butanone-d5	4.15	46	275128	159.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	159.47%#
24) Chloroform-d	4.62	84	252402	61.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.10%
26) 1,2-Dichloroethane-d4	5.29	65	166410	64.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.74%#
32) Benzene-d6	5.32	84	509088	58.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.54%
36) 1,2-Dichloropropane-d6	6.31	67	168133	63.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.50%#
41) Toluene-d8	7.55	98	460222	56.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.96%
43) trans-1,3-Dichloropropene-	7.83	79	80048	59.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.26%
47) 2-Hexanone-d5	8.29	63	221158	160.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	160.61%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	266010	67.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	135.28%#
64) 1,2-Dichlorobenzene-d4	11.84	152	199489	65.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.08%#

Target Compounds

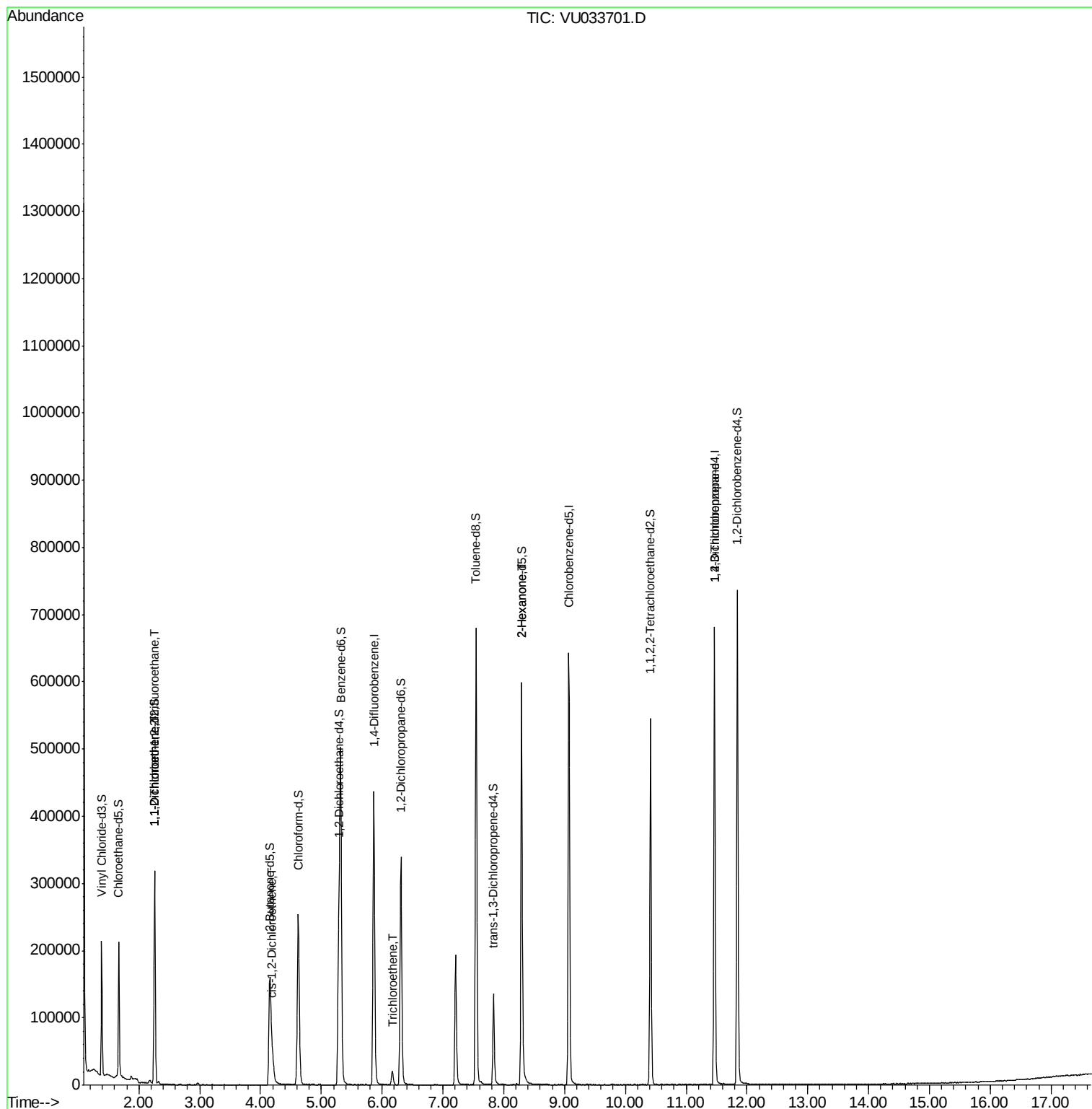
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1707	0.754 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1857	0.835 ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	16233	5.973 ug/L	95
34) Trichloroethene	6.17	95	6746	2.503 ug/L	94
48) 2-Hexanone	8.29	43	23358	7.317 ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	21161	5.742 ug/L	96

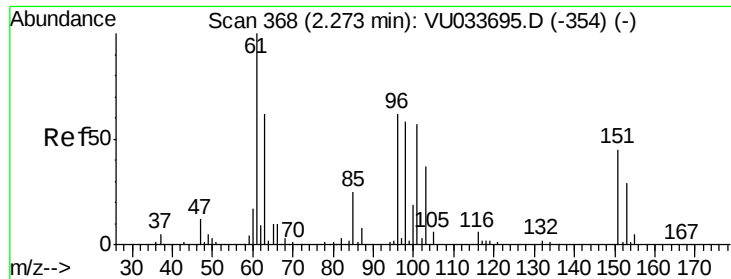
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.754 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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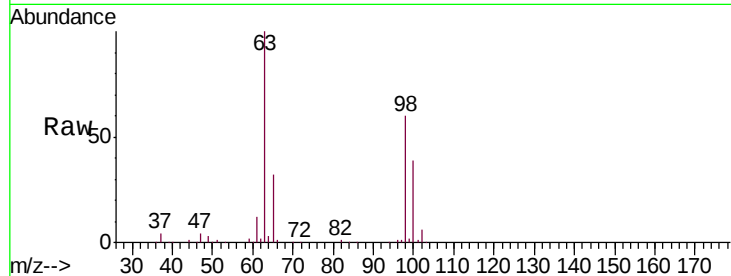
Tgt Ion: 101 Resp: 1707

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

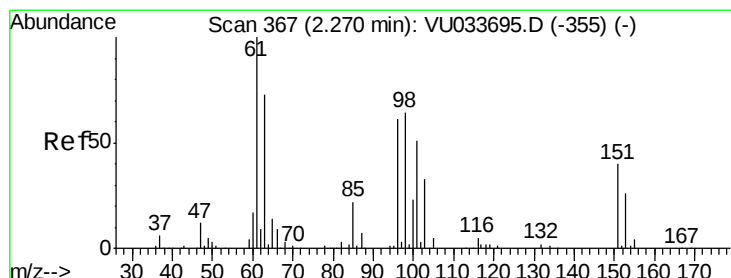
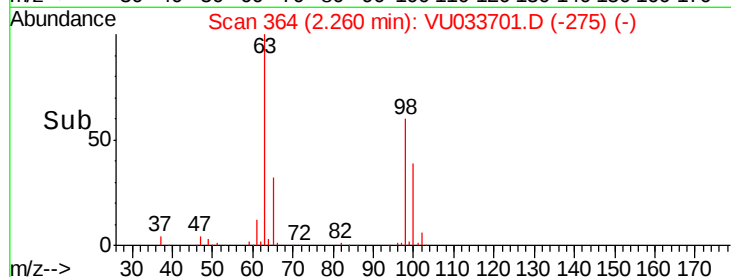
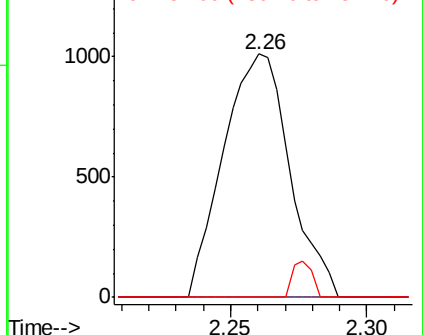
151 4.5 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 0.835 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033701.D

Acq: 09 Aug 2019 22:29

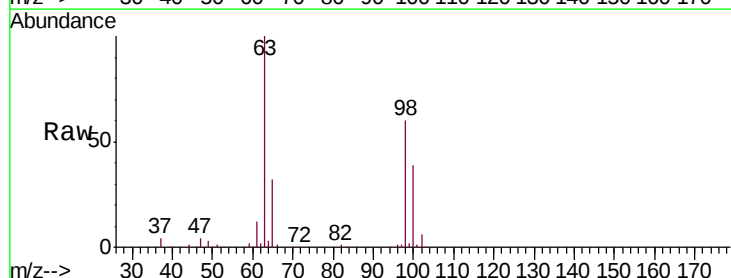
Tgt Ion: 96 Resp: 1857

Ion Ratio Lower Upper

96 100

61 1168.0 118.2 219.6#

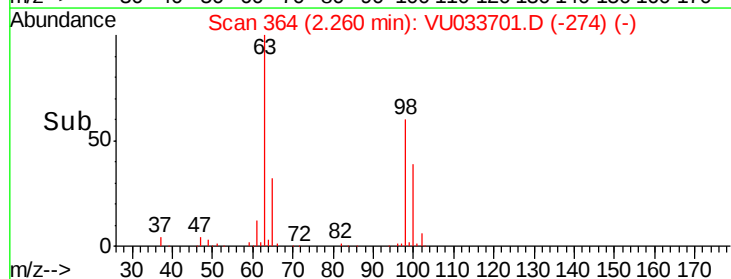
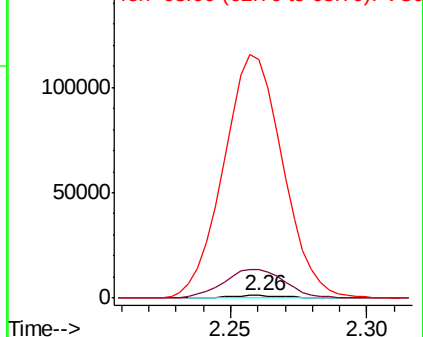
63 9704.2 90.7 168.5#

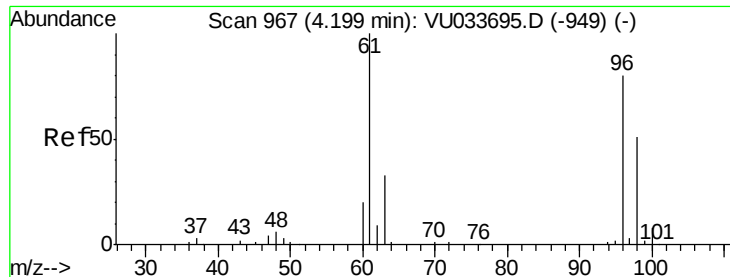


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 5.973 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

F2B32

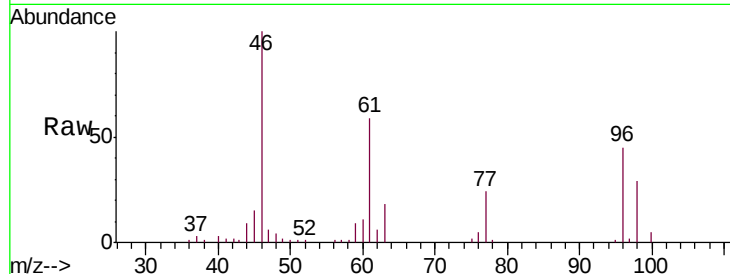
Tgt Ion: 96 Resp: 16233

Ion Ratio Lower Upper

96 100

61 130.0 87.0 161.6

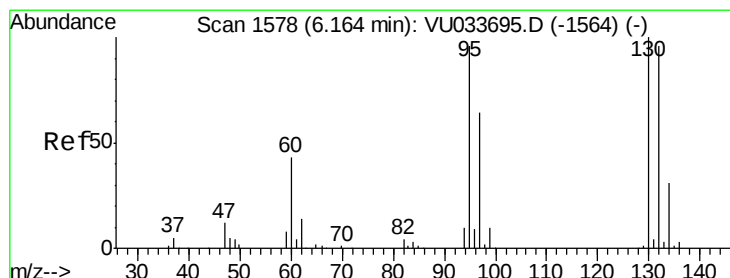
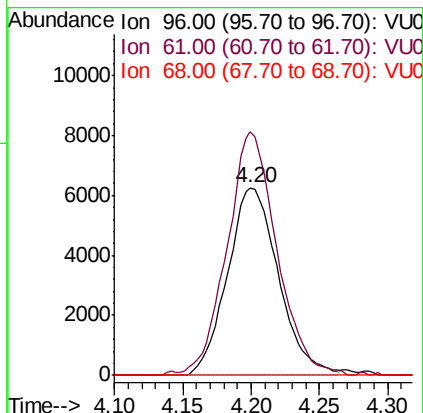
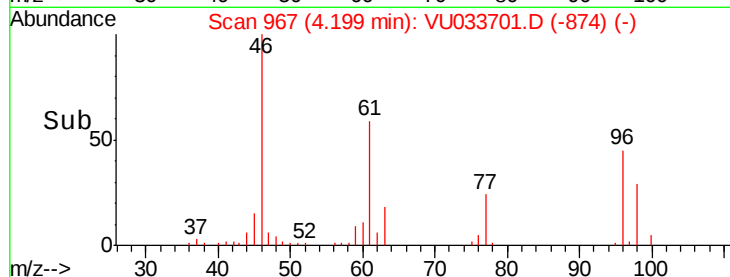
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033701.D (-874) (-)

Ion 61.00 (60.70 to 61.70): VU033701.D (-874) (-)

Ion 68.00 (67.70 to 68.70): VU033701.D (-874) (-)



#34

Trichloroethene

Concen: 2.503 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU033701.D

Acq: 09 Aug 2019 22:29

Tgt Ion: 95 Resp: 6746

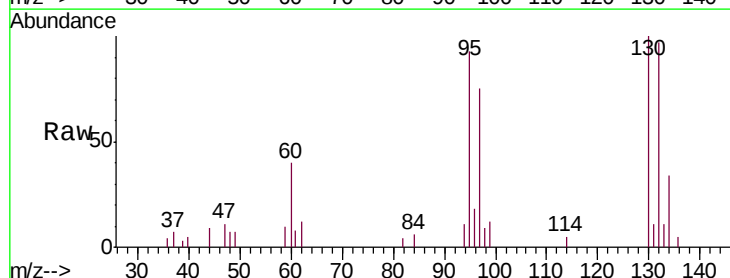
Ion Ratio Lower Upper

95 100

97 80.5 45.6 84.8

132 105.1 72.0 133.8

130 108.0 74.3 138.1

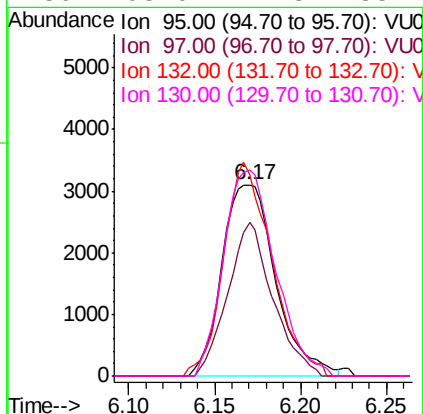
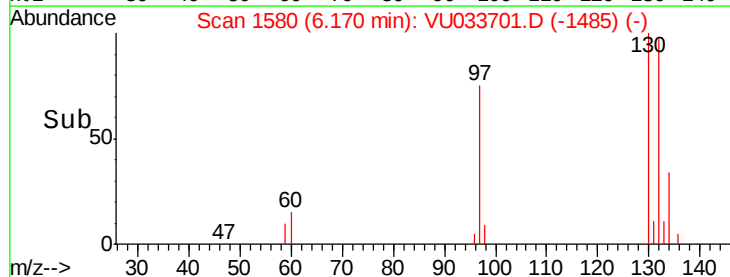


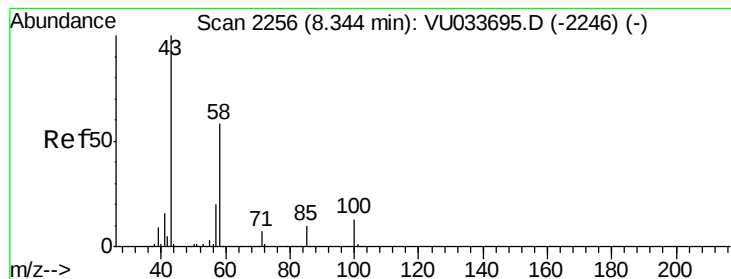
Abundance Ion 95.00 (94.70 to 95.70): VU033701.D (-1485) (-)

Ion 97.00 (96.70 to 97.70): VU033701.D (-1485) (-)

Ion 132.00 (131.70 to 132.70): VU033701.D (-1485) (-)

Ion 130.00 (129.70 to 130.70): VU033701.D (-1485) (-)





#48

2-Hexanone

Concen: 7.317 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

Lab File: VU033701.D

Acq: 09 Aug 2019 22:29

Instrument :

MSVOA_U

ClientSampleId :

F2B32

Tgt Ion: 43 Resp: 23358

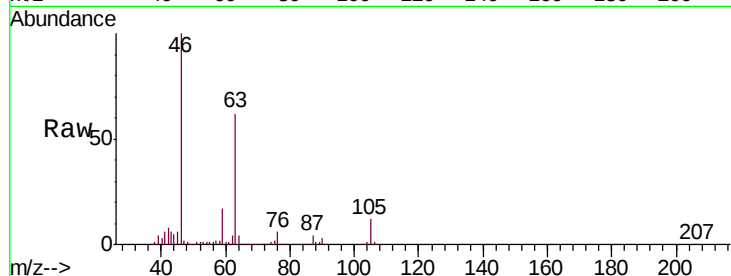
Ion Ratio Lower Upper

43 100

58 25.7 46.6 70.0#

57 25.4 16.2 24.4#

100 0.0 10.1 15.1#

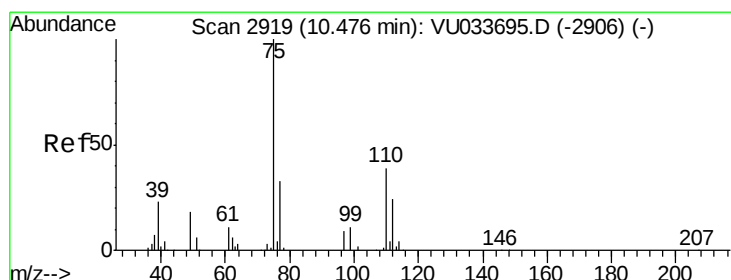
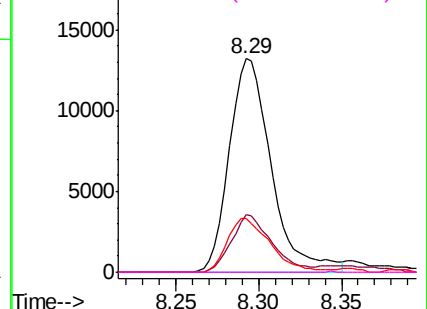
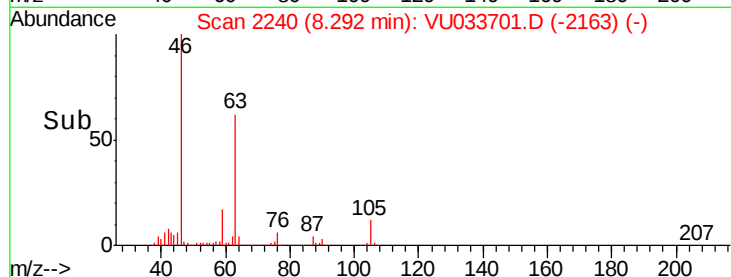


Abundance Ion 43.00 (42.70 to 43.70): VU033701.D (-2163) (-)

Ion 58.00 (57.70 to 58.70): VU033701.D (-2163) (-)

Ion 57.00 (56.70 to 57.70): VU033701.D (-2163) (-)

Ion 100.00 (99.70 to 100.70): VU033701.D (-2163) (-)



#59

1,2,3-Trichloropropane

Concen: 5.742 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033701.D

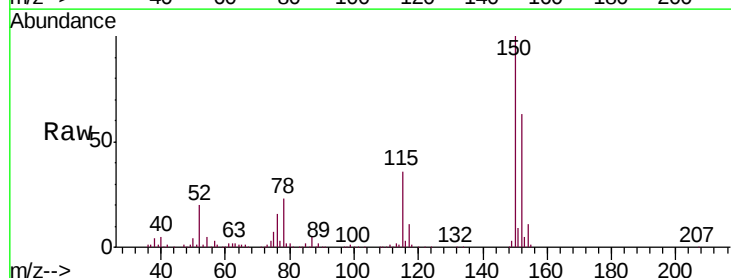
Acq: 09 Aug 2019 22:29

Tgt Ion: 75 Resp: 21161

Ion Ratio Lower Upper

75 100

77 35.4 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU033701.D (-2297) (-)

Ion 77.00 (76.70 to 77.70): VU033701.D (-2297) (-)

