

Data File : VU032386.D
Acq On : 30 May 2019 16:58
Operator : JC/SP
Sample : K3017-13ME
Misc : 3.19g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A51E6ME

Quant Time: May 31 04:39:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	953048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	966013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	478375	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	230169	32.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.52%
7) Chloroethane-d5	1.64	69	144424	25.46	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.92%#
11) 1,1-Dichloroethene-d2	2.23	63	351528	28.17	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.34%#
21) 2-Butanone-d5	4.20	46	400389	86.60	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.60%
24) Chloroform-d	4.64	84	474517	38.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.30	65	304429	41.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.68%
32) Benzene-d6	5.33	84	1018796	40.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.42%
36) 1,2-Dichloropropane-d6	6.32	67	322559	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.02%
41) Toluene-d8	7.56	98	930032	39.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.68%#
43) trans-1,3-Dichloropropene-	7.85	79	142100	39.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.92%
47) 2-Hexanone-d5	8.32	63	368517	111.68	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	525803	43.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	400243	41.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.06%

Target Compounds

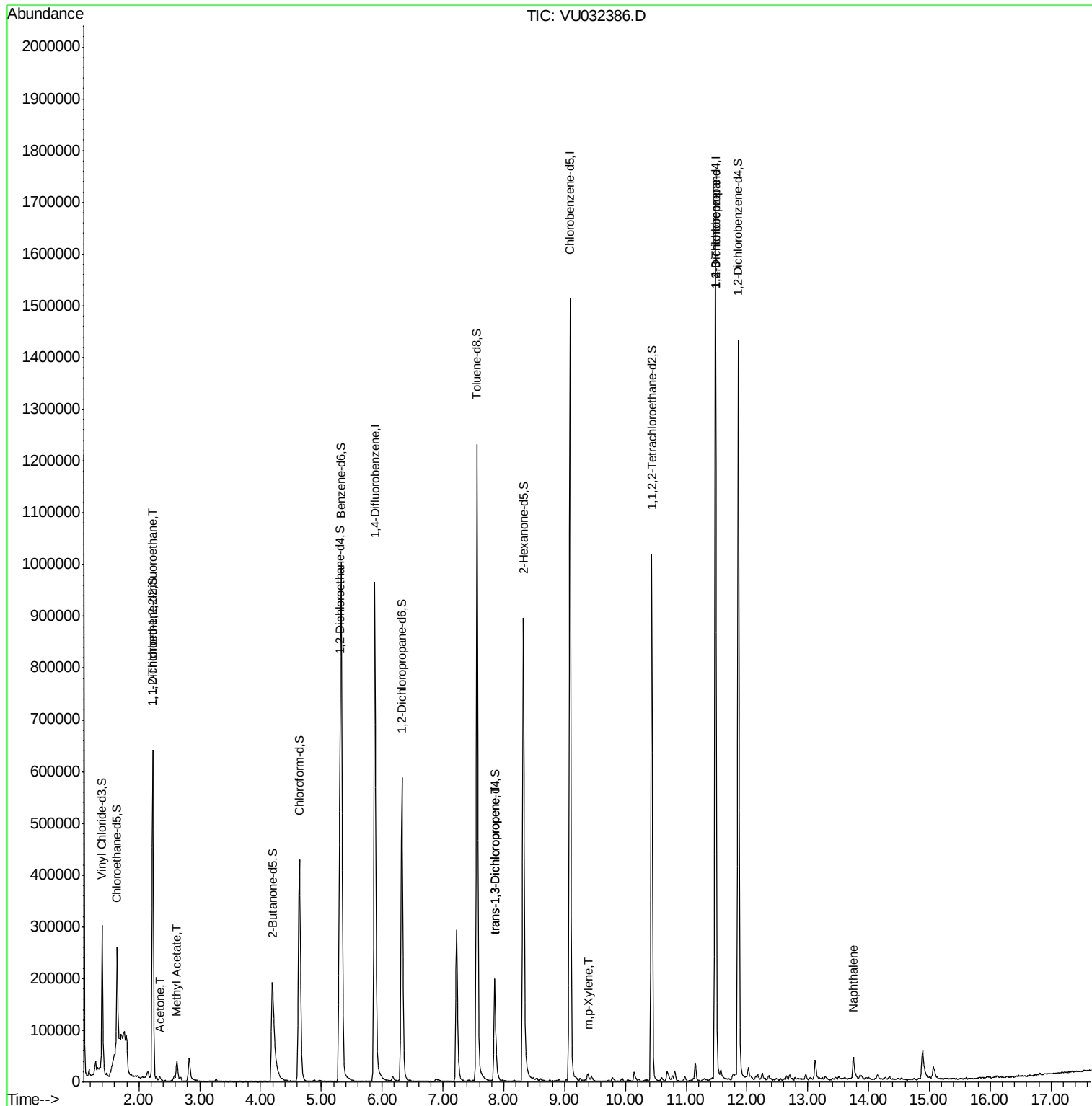
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	3657	0.605	ug/L #	19
13) Acetone	2.34	43	7819	1.795	ug/L	92
15) Methyl Acetate	2.62	43	48410	6.953	ug/L	95
44) trans-1,3-Dichloropropene	7.86	75	5775	0.632	ug/L	100
53) m,p-Xylene	9.38	106	5150	0.426	ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	50158	5.355	ug/L	89
69) Naphthalene	13.75	128	52256	2.078	ug/L #	89

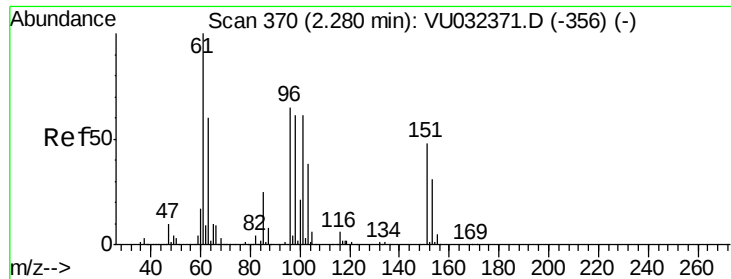
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.605 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

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Acq: 30 May 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

A51E6ME

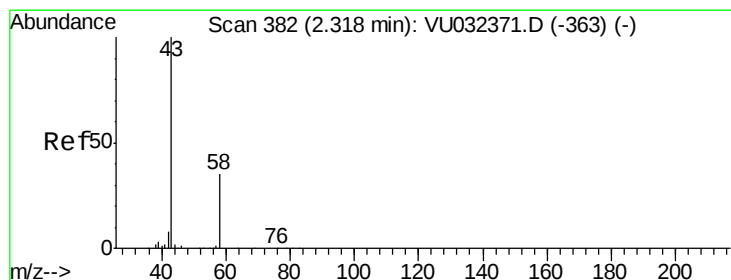
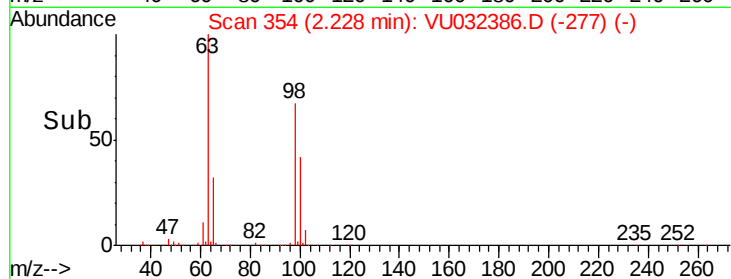
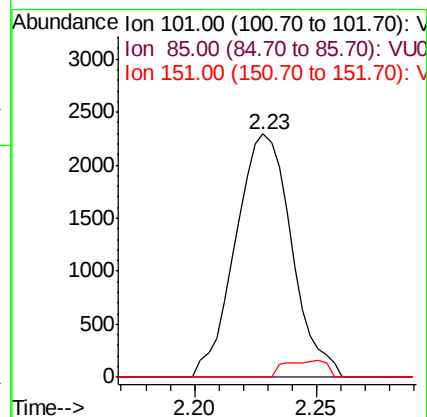
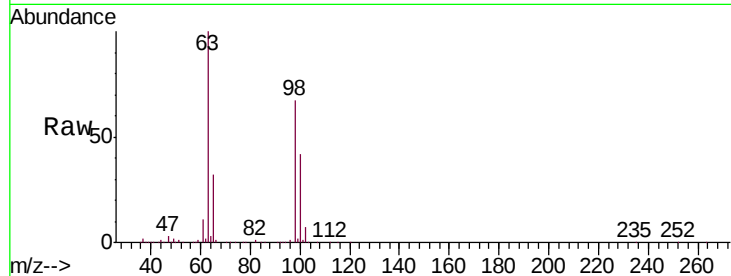
Tgt Ion:101 Resp: 3657

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

151 2.1 63.7 95.5#



#13

Acetone

Concen: 1.795 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.03 min

Lab File: VU032386.D

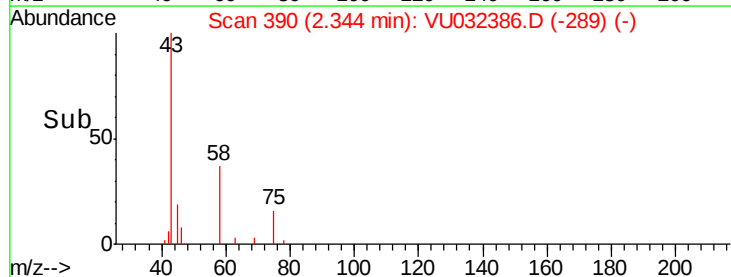
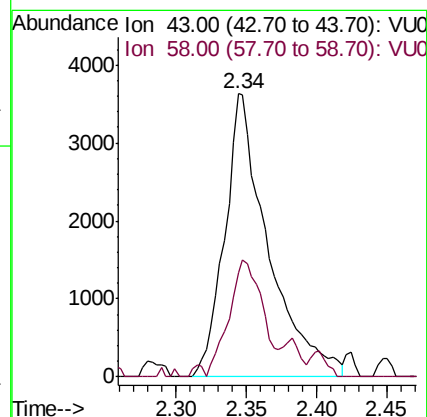
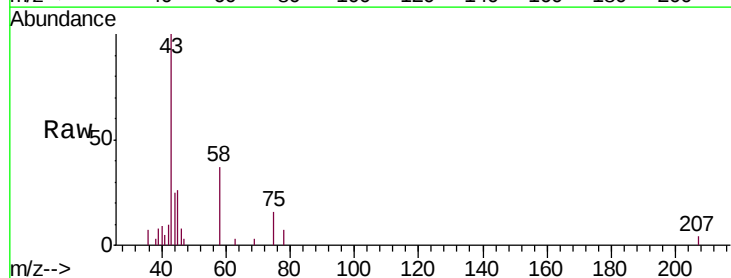
Acq: 30 May 2019 16:58

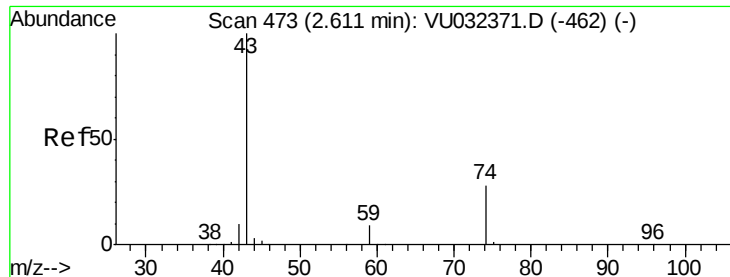
Tgt Ion: 43 Resp: 7819

Ion Ratio Lower Upper

43 100

58 32.3 0.0 73.6





#15

Methyl Acetate

Concen: 6.953 ug/L

RT: 2.62 min Scan# 477

Delta R.T. 0.01 min

Lab File: VU032386.D

Acq: 30 May 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

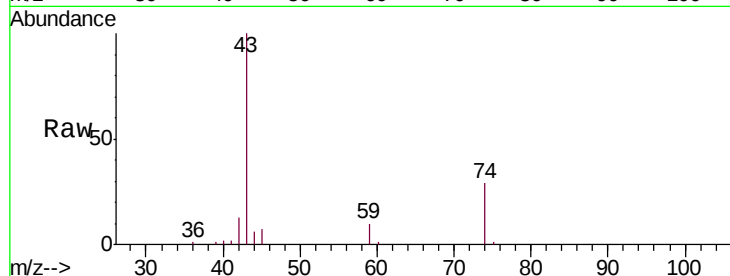
A51E6ME

Tgt Ion: 43 Resp: 48410

Ion Ratio Lower Upper

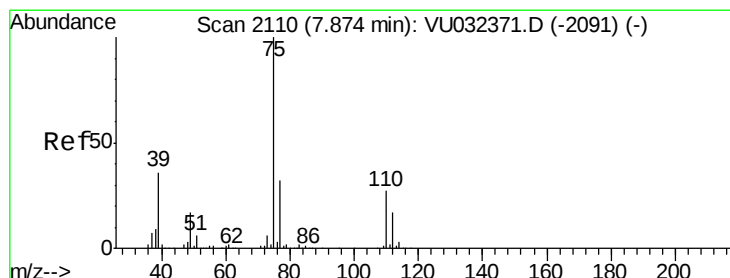
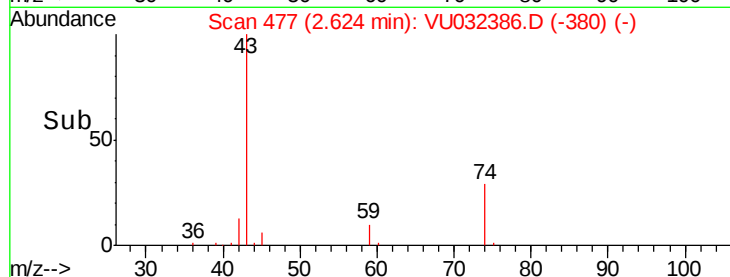
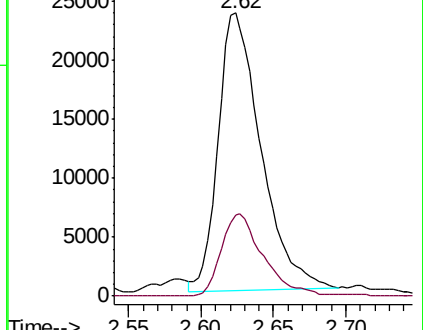
43 100

74 28.9 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VU032386.D (-380) (-)

Ion 74.00 (73.70 to 74.70): VU032386.D (-380) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.632 ug/L

RT: 7.86 min Scan# 2105

Delta R.T. -0.02 min

Lab File: VU032386.D

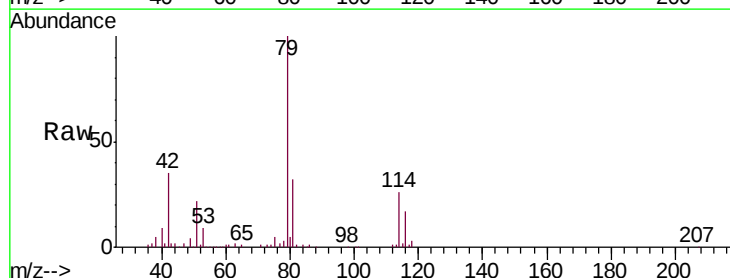
Acq: 30 May 2019 16:58

Tgt Ion: 75 Resp: 5775

Ion Ratio Lower Upper

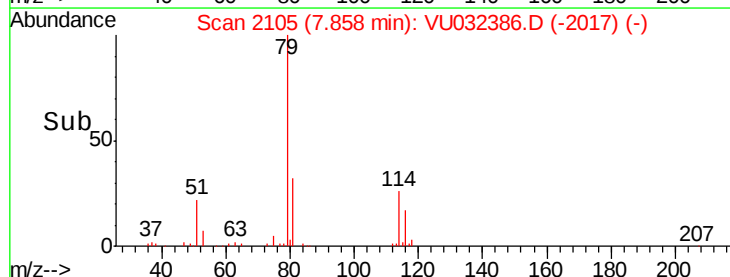
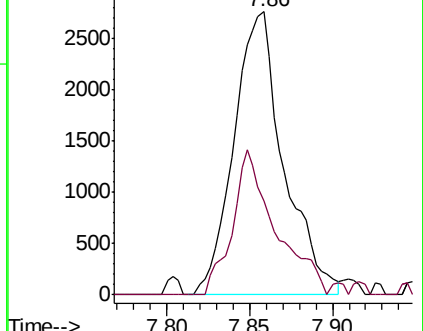
75 100

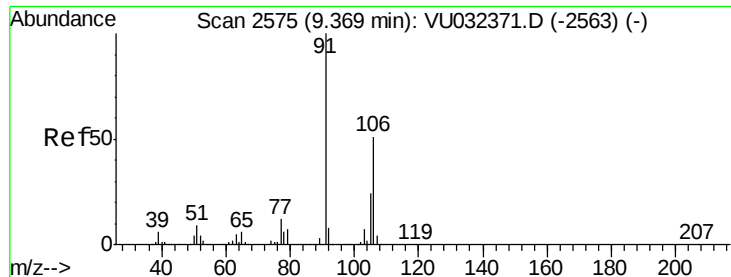
77 33.0 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VU032386.D (-2017) (-)

Ion 77.00 (76.70 to 77.70): VU032386.D (-2017) (-)





#53

m,p-Xylene

Concen: 0.426 ug/L

RT: 9.38 min Scan# 2579

Delta R.T. 0.01 min

Lab File: VU032386.D

Acq: 30 May 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

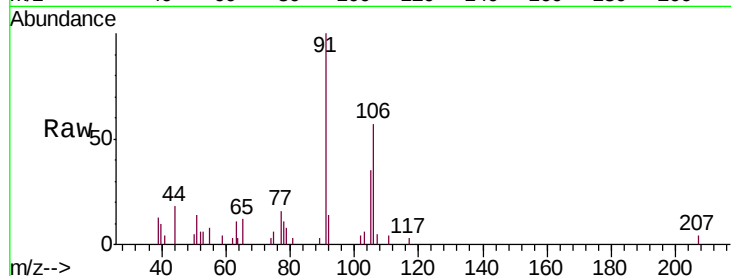
A51E6ME

Tgt Ion:106 Resp: 5150

Ion Ratio Lower Upper

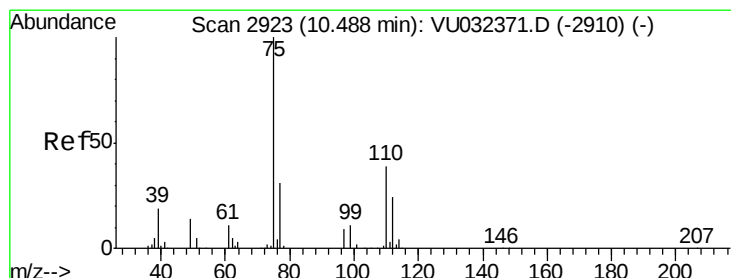
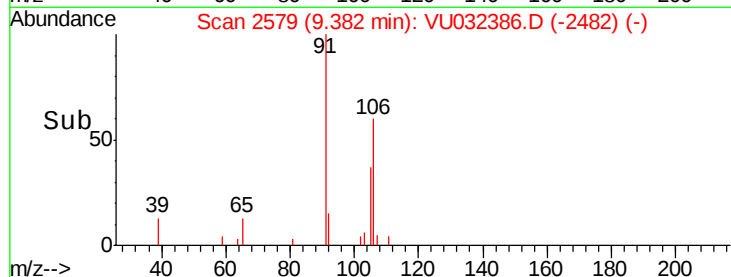
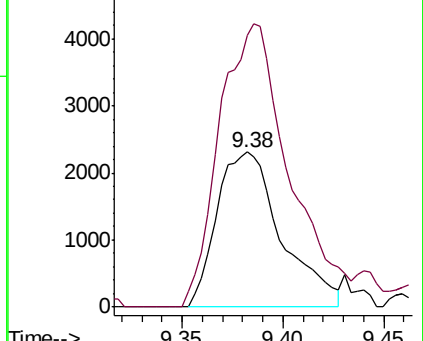
106 100

91 175.2 138.8 257.8



Abundance Ion 106.00 (105.70 to 106.70): VU032371.D (-2563) (-)

Ion 91.00 (90.70 to 91.70): VU032371.D (-2563) (-)



#59

1,2,3-Trichloropropane

Concen: 5.355 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032386.D

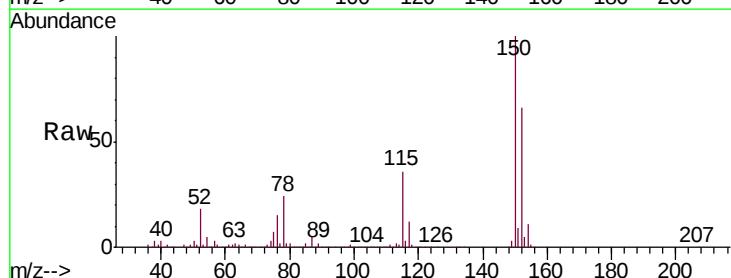
Acq: 30 May 2019 16:58

Tgt Ion: 75 Resp: 50158

Ion Ratio Lower Upper

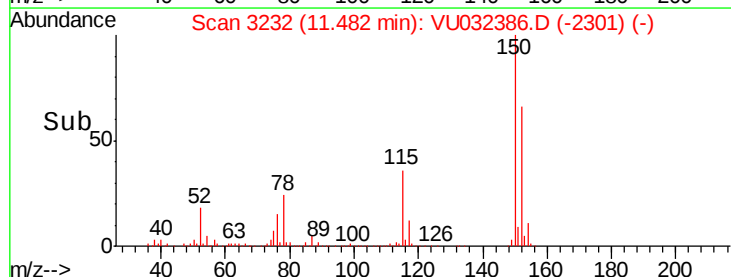
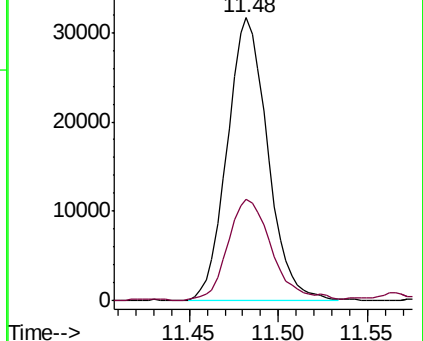
75 100

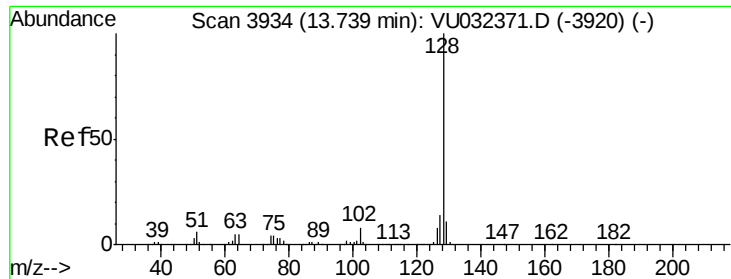
77 38.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU032371.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU032371.D (-2910) (-)





#69

Naphthalene

Concen: 2.078 ug/L

RT: 13.75 min Scan# 3937

Delta R.T. 0.01 min

Lab File: VU032386.D

Acq: 30 May 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

A51E6ME

Tgt Ion:128 Resp: 52256

Ion Ratio Lower Upper

128 100

127 5.8 10.1 15.1#

129 9.2 8.7 13.1

