

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
 Data File : VU036609.D
 Acq On : 30 Jan 2020 11:15
 Operator : JC/MD
 Sample : VU0130WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK49

Quant Time: Jan 30 13:00:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 12:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	310387	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99079	42.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.24%
7) Chloroethane-d5	1.93	69	89111	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.34%
11) 1,1-Dichloroethene-d2	2.59	63	129992	34.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.16%
21) 2-Butanone-d5	4.67	46	145560	105.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	5.11	84	168627	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.74	65	111797	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.77	84	386149	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
36) 1,2-Dichloropropane-d6	6.73	67	124807	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.02%
41) Toluene-d8	7.93	98	368689	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%
43) trans-1,3-Dichloropropene-	8.21	79	57802	48.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.42%
47) 2-Hexanone-d5	8.67	63	132935	113.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.72%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	174934	47.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	132774	47.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.36%

Target Compounds

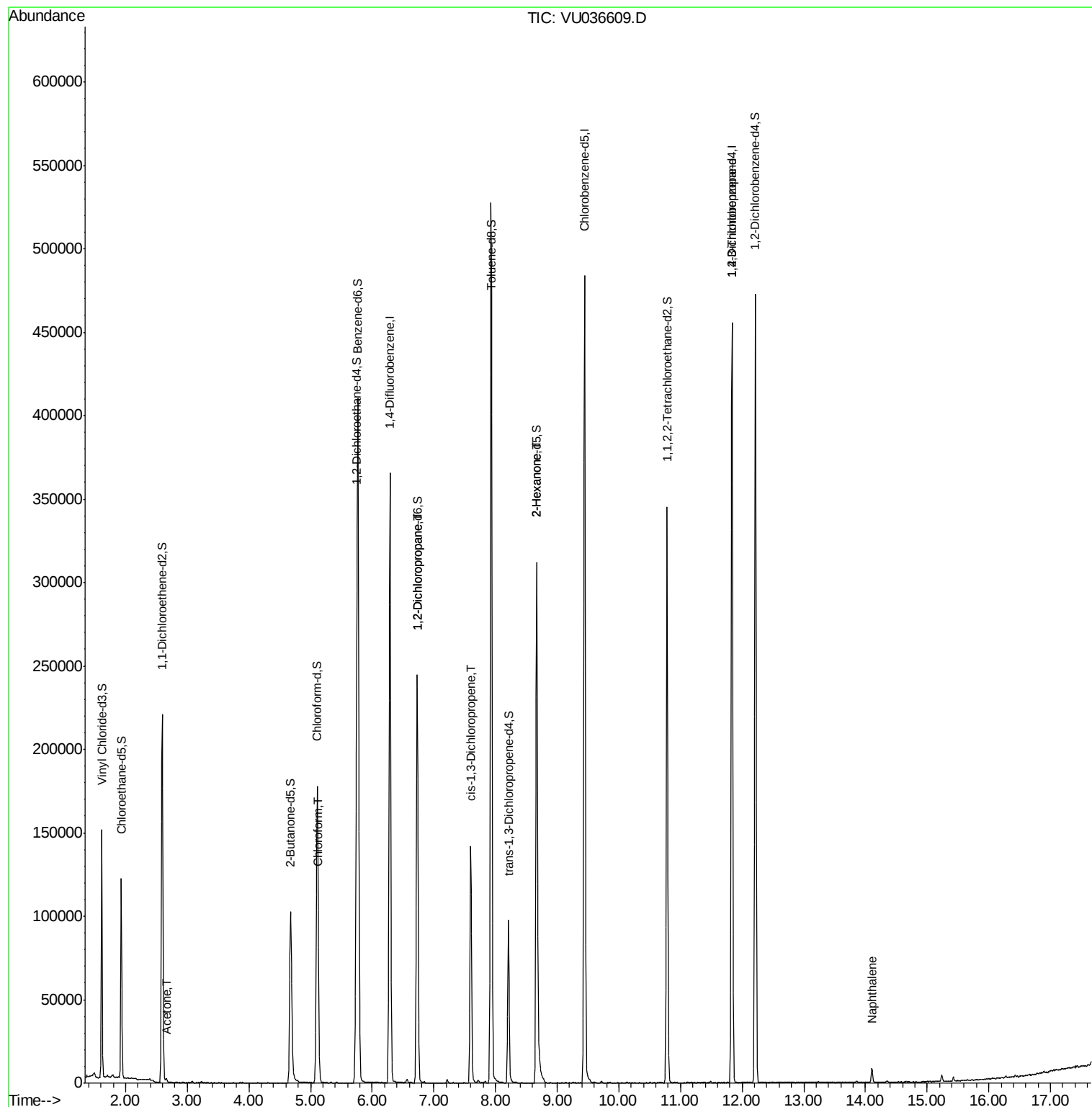
						Qvalue
13) Acetone	2.66	43	2464	1.84	ug/L	92
25) Chloroform	5.13	83	5254	1.39	ug/L	96
37) 1,2-Dichloropropane	6.73	63	12387	5.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3159	0.90	ug/L #	51
48) 2-Hexanone	8.66	43	12254	5.81	ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	14612	4.95	ug/L	96
69) Naphthalene	14.10	128	7278	1.17	ug/L	99

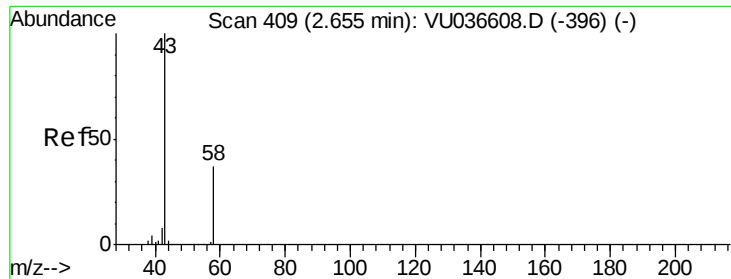
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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VBLK49

Quant Time: Jan 30 13:00:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 12:57:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.84 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU036609.D

Acq: 30 Jan 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

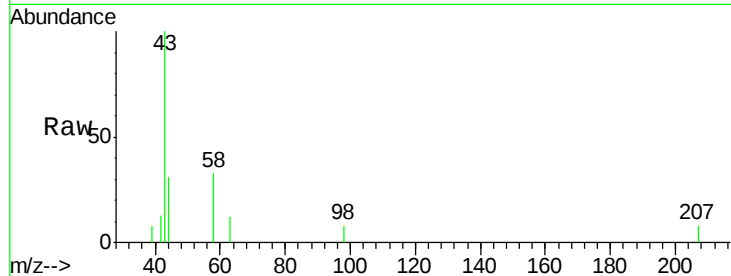
VBLK49

Tgt Ion: 43 Resp: 2464

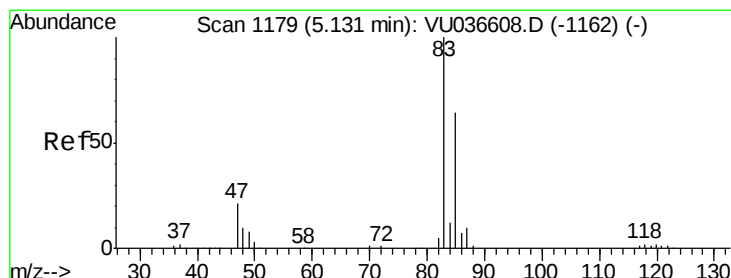
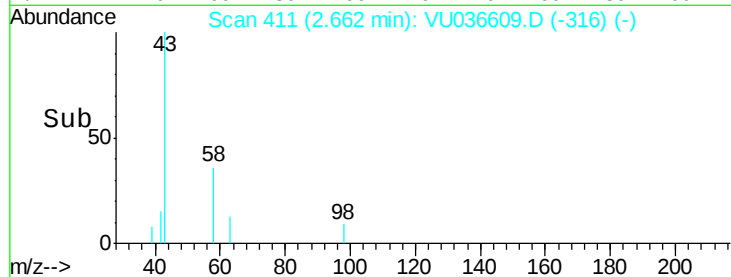
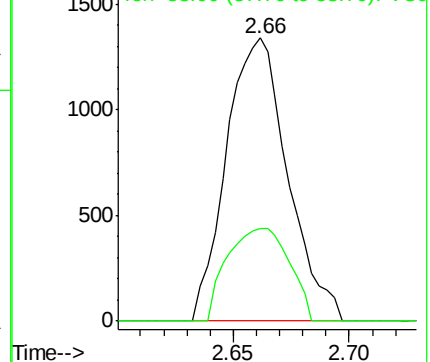
Ion Ratio Lower Upper

43 100

58 33.1 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036609.D (-411) (-)



#25

Chloroform

Concen: 1.39 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036609.D

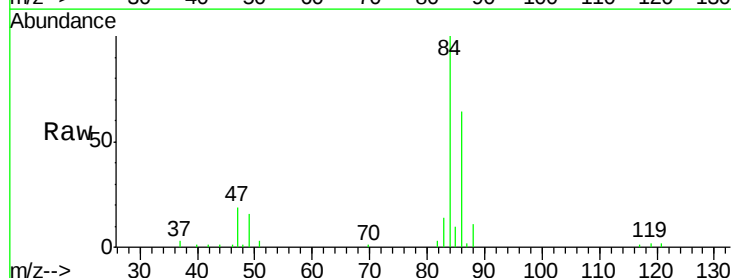
Acq: 30 Jan 2020 11:15

Tgt Ion: 83 Resp: 5254

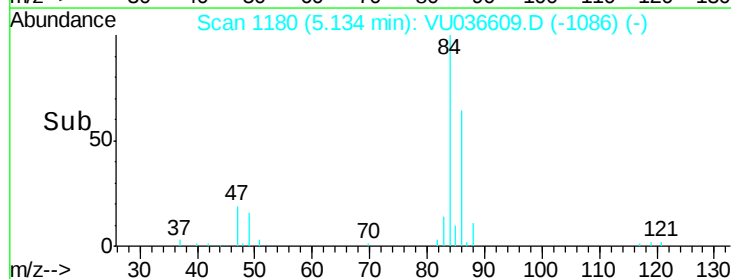
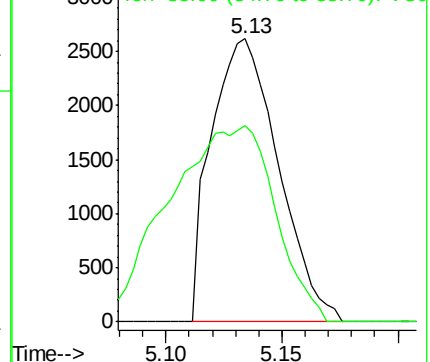
Ion Ratio Lower Upper

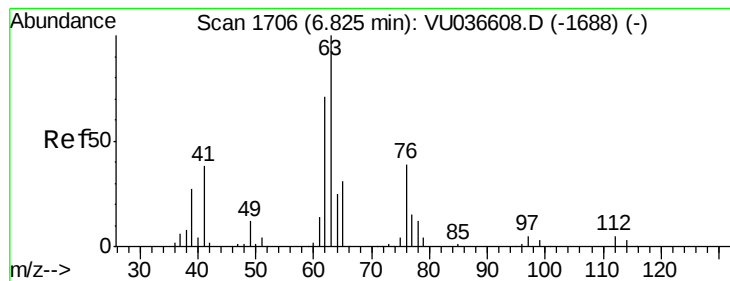
83 100

85 69.3 46.3 85.9



Abundance Ion 83.00 (82.70 to 83.70): VU036609.D (-1180) (-)





#37

1,2-Dichloropropane

Concen: 5.67 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036609.D

Acq: 30 Jan 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

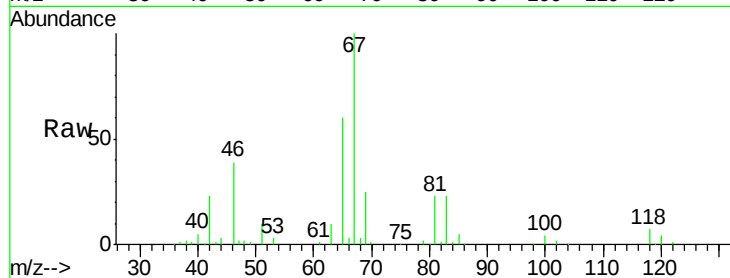
VBLK49

Tgt Ion: 63 Resp: 12387

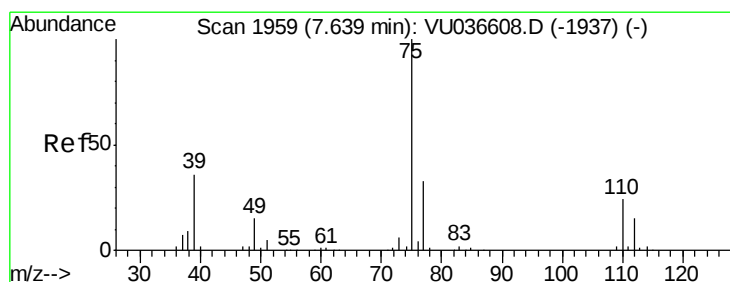
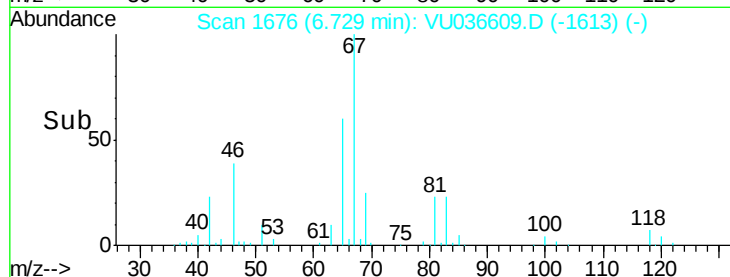
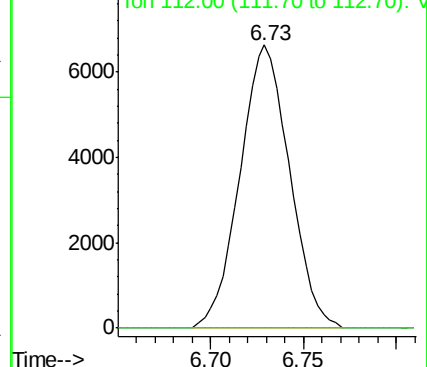
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU036609.D (-1676) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.90 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036609.D

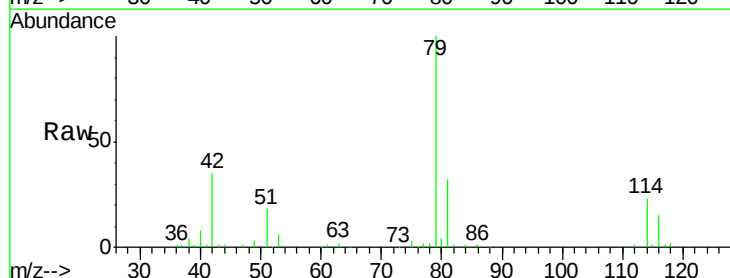
Acq: 30 Jan 2020 11:15

Tgt Ion: 75 Resp: 3159

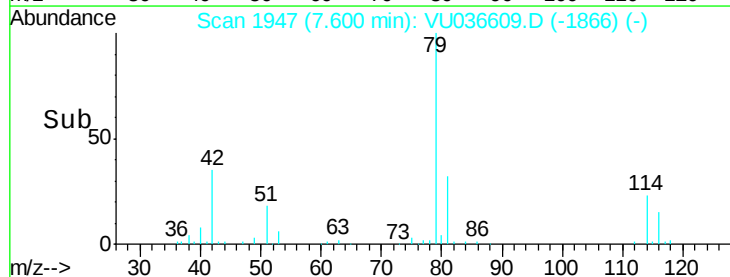
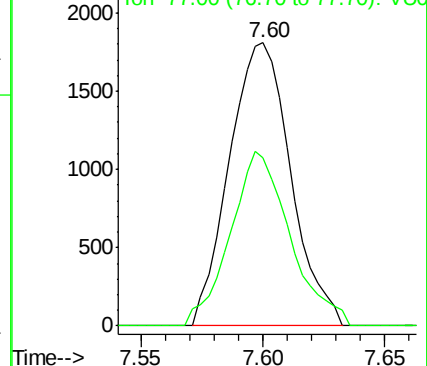
Ion Ratio Lower Upper

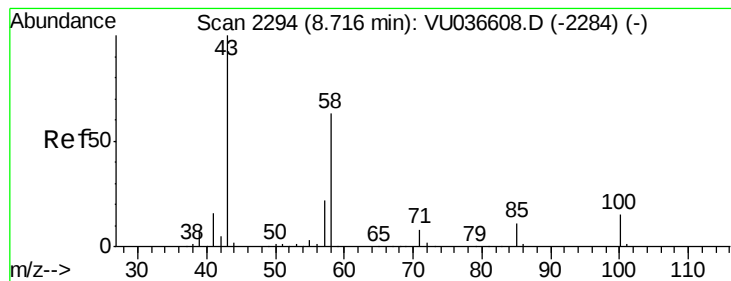
75 100

77 59.6 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU036609.D (-1866) (-)





#48

2-Hexanone

Concen: 5.81 ug/L

RT: 8.66 min Scan# 2278

Delta R.T. -0.05 min

Lab File: VU036609.D

Acq: 30 Jan 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

VBLK49

Tgt Ion: 43 Resp: 12254

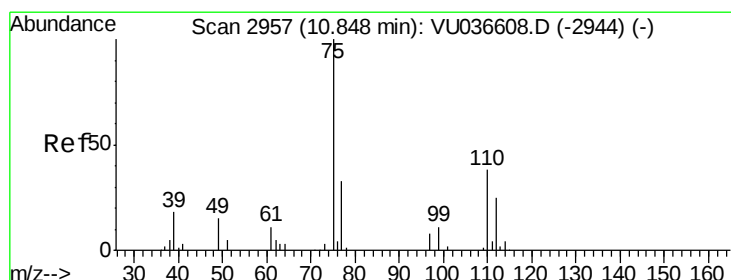
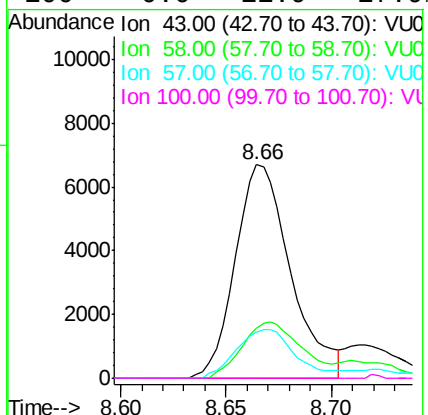
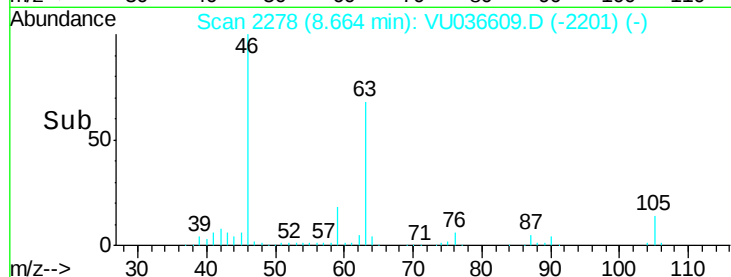
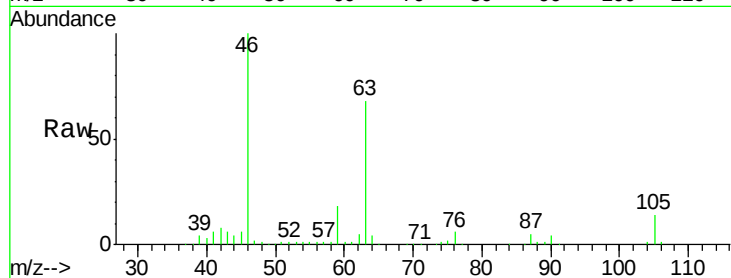
Ion Ratio Lower Upper

43 100

58 28.3 49.4 74.0#

57 23.5 17.1 25.7

100 0.0 11.9 17.9#



#59

1,2,3-Trichloropropane

Concen: 4.95 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036609.D

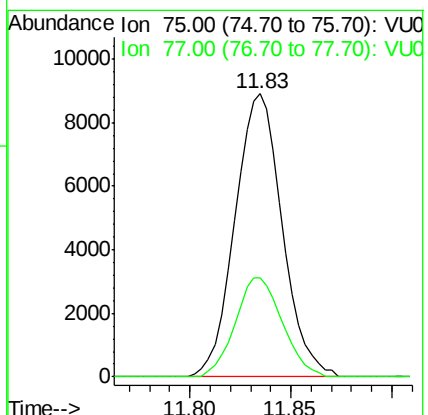
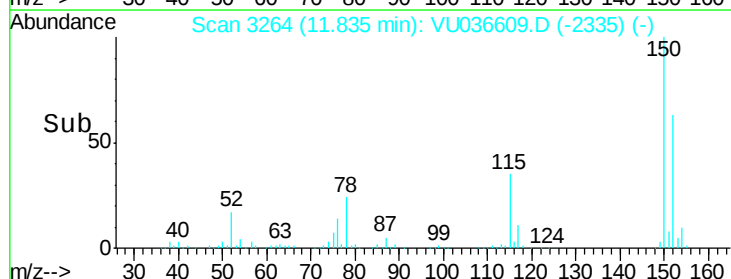
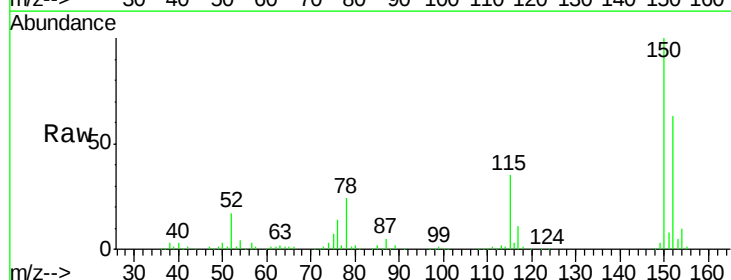
Acq: 30 Jan 2020 11:15

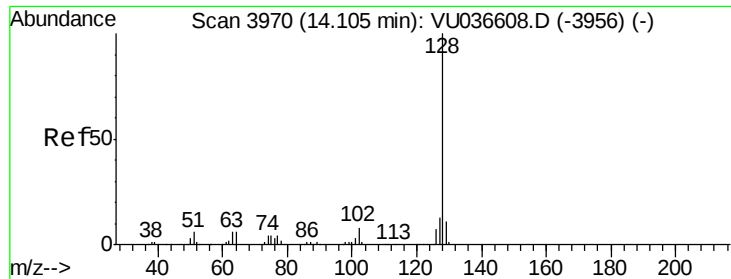
Tgt Ion: 75 Resp: 14612

Ion Ratio Lower Upper

75 100

77 34.9 26.2 39.2





#69

Naphthalene

Concen: 1.17 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VU036609.D

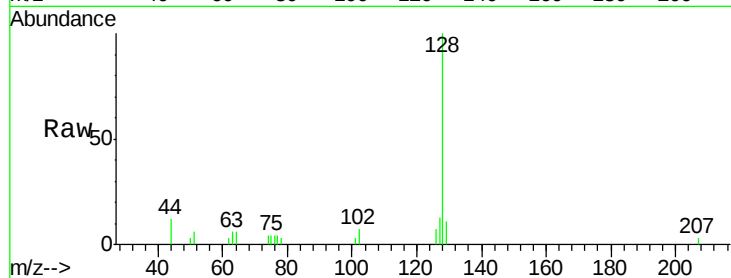
Acq: 30 Jan 2020 11:15

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ClientSampleId :

VBLK49



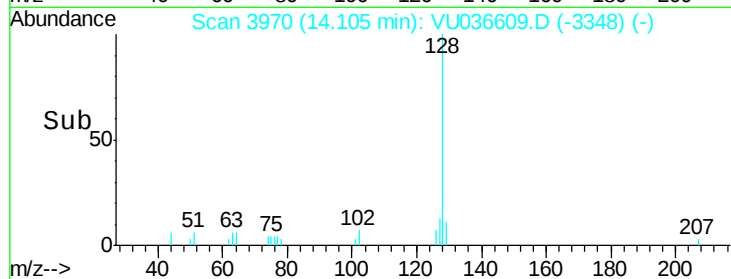
Tgt Ion:128 Resp: 7278

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

