

Data File : VU036694.D
Acq On : 07 Feb 2020 11:42
Operator : JC/MD
Sample : VU0207WBL04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK105

Quant Time: Feb 07 22:39:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 22:36:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	263003	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	242979	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	103184	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77046	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.93	69	75526	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.88%
11) 1,1-Dichloroethene-d2	2.59	63	110482	33.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.72%
21) 2-Butanone-d5	4.67	46	153729	102.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.73%
24) Chloroform-d	5.11	84	146794	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.74	65	104164	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.77	84	311174	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
36) 1,2-Dichloropropane-d6	6.73	67	103130	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.93	98	285198	48.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.50%
43) trans-1,3-Dichloropropene-	8.21	79	47838	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.22%
47) 2-Hexanone-d5	8.66	63	120075	99.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.21%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	149179	47.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.48%
66) 1,2-Dichlorobenzene-d4	12.21	152	94100	50.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.38%

Target Compounds

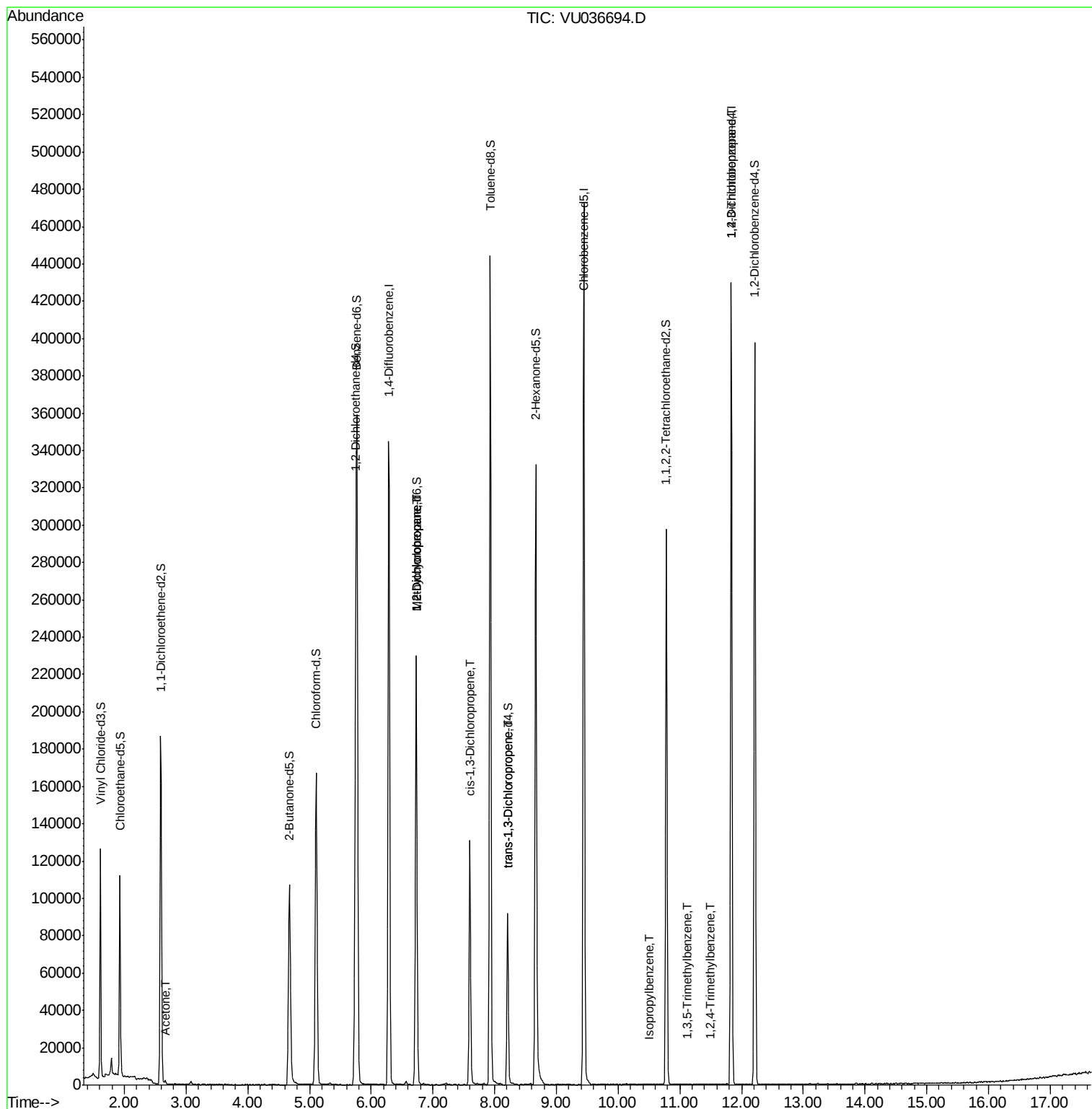
					Qvalue
13) Acetone	2.66	43	2447	1.539 ug/L	92
35) Methylcyclohexane	6.73	83	22919	7.161 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11905	6.007 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3287	1.038 ug/L #	64
44) trans-1,3-Dichloropropene	8.21	75	2241	0.810 ug/L	88
60) 1,2,3-Trichloropropane	11.83	75	15616	6.434 ug/L #	68
61) Isopropylbenzene	10.51	105	159	0.021 ug/L #	55
62) 1,3,5-Trimethylbenzene	11.11	105	213	0.032 ug/L #	30
63) 1,2,4-Trimethylbenzene	11.49	105	298	0.045 ug/L #	32

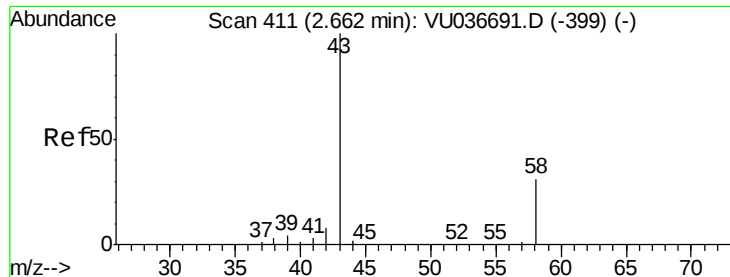
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.539 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU036694.D

Acq: 07 Feb 2020 11:42

Instrument :

MSVOA_U

ClientSampleId :

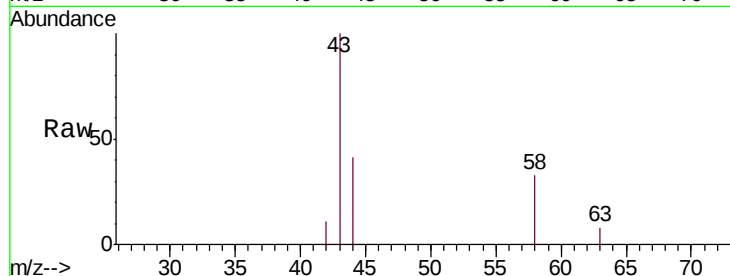
VBLK105

Tgt Ion: 43 Resp: 2447

Ion Ratio Lower Upper

43 100

58 27.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU036694.D (-399) (-)

Ion 58.00 (57.70 to 58.70): VU036694.D (-399) (-)

2.66

1500

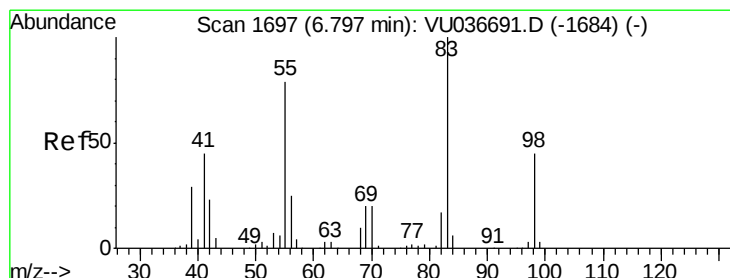
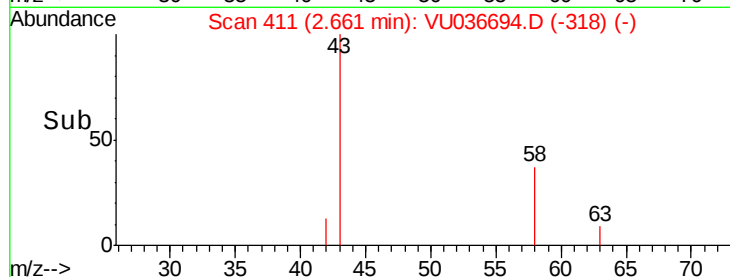
1000

500

0

2.60 2.65 2.70

Time-->



#35

Methylcyclohexane

Concen: 7.161 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036694.D

Acq: 07 Feb 2020 11:42

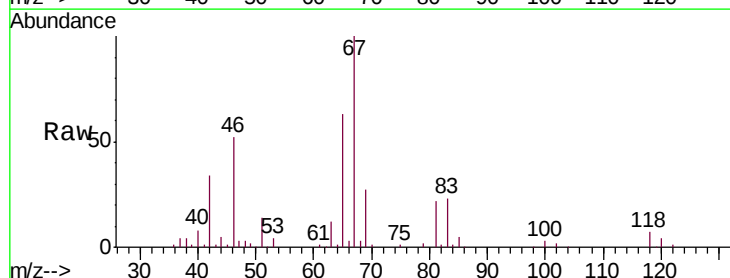
Tgt Ion: 83 Resp: 22919

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

98 1.1 35.4 53.0#



Abundance Ion 83.00 (82.70 to 83.70): VU036694.D (-1604) (-)

Ion 55.00 (54.70 to 55.70): VU036694.D (-1604) (-)

Ion 98.00 (97.70 to 98.70): VU036694.D (-1604) (-)

6.73

15000

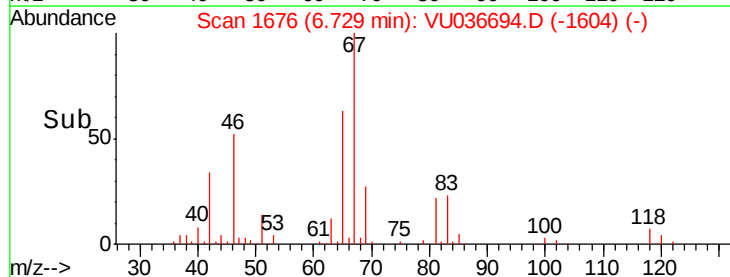
10000

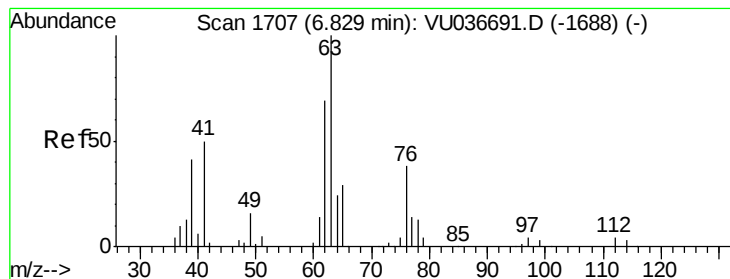
5000

0

6.65 6.70 6.75 6.80

Time-->





#37

1,2-Dichloropropane

Concen: 6.007 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036694.D

Acq: 07 Feb 2020 11:42

Instrument :

MSVOA_U

ClientSampleId :

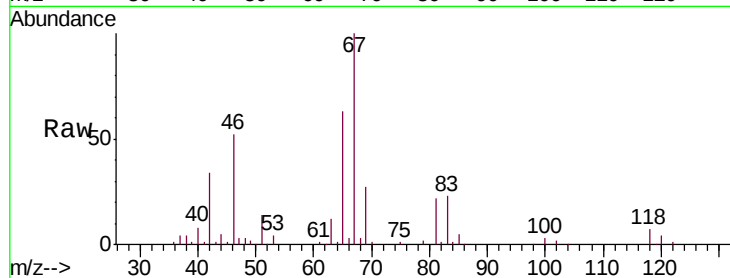
VBLK105

Tgt Ion: 63 Resp: 11905

Ion Ratio Lower Upper

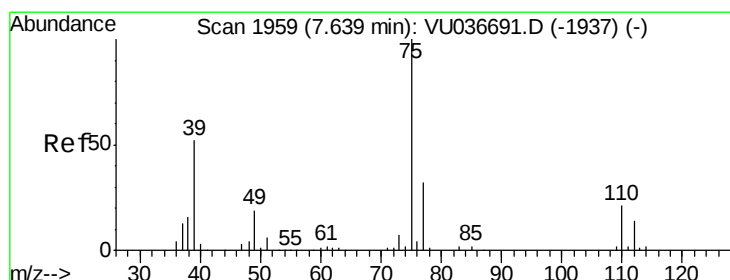
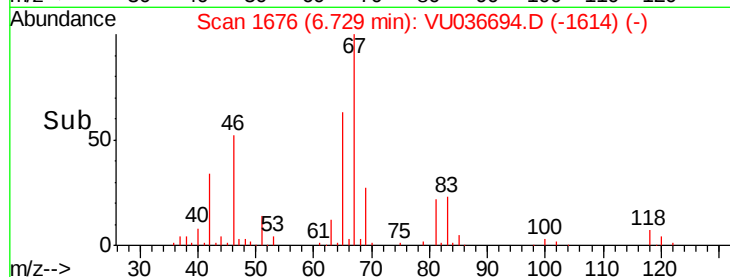
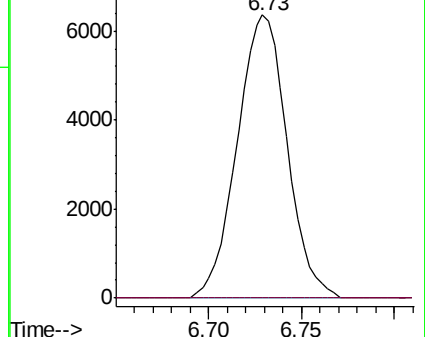
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU036694.D (-1676) (-)

Ion 112.00 (111.70 to 112.70): VU036694.D (-1676) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.038 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036694.D

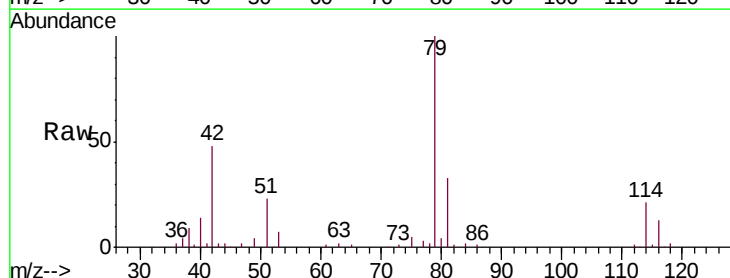
Acq: 07 Feb 2020 11:42

Tgt Ion: 75 Resp: 3287

Ion Ratio Lower Upper

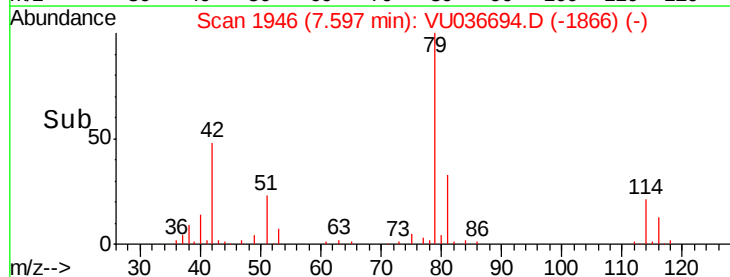
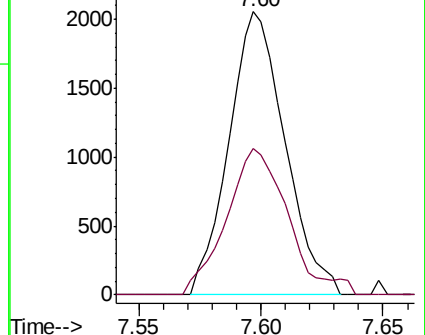
75 100

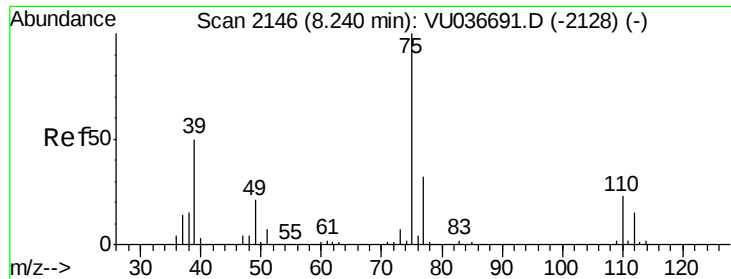
77 51.8 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU036694.D (-1866) (-)

Ion 77.00 (76.70 to 77.70): VU036694.D (-1866) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.810 ug/L

RT: 8.21 min Scan# 2136

Delta R.T. -0.03 min

Lab File: VU036694.D

Acq: 07 Feb 2020 11:42

Instrument :

MSVOA_U

ClientSampleId :

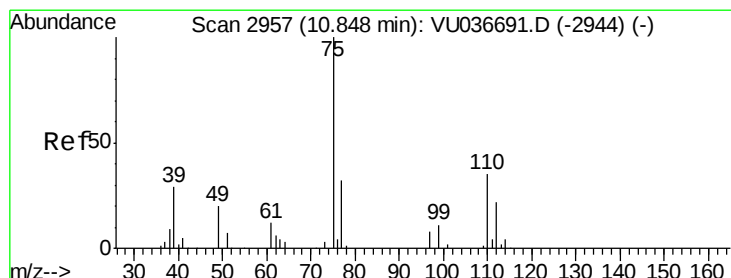
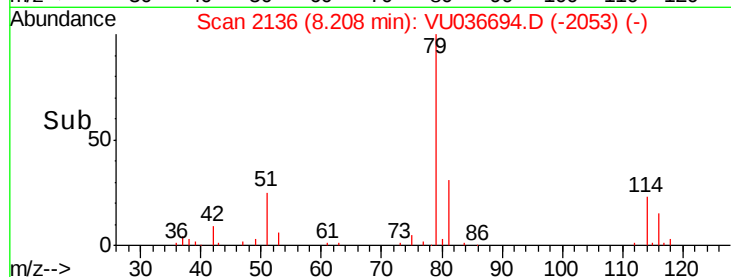
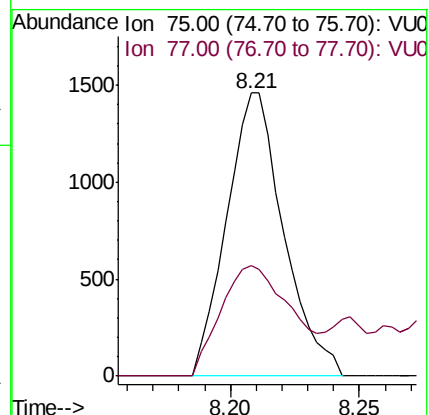
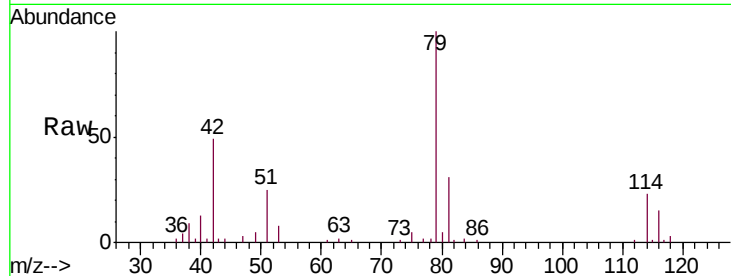
VBLK105

Tgt Ion: 75 Resp: 2241

Ion Ratio Lower Upper

75 100

77 39.1 22.6 42.0



#60

1,2,3-Trichloropropane

Concen: 6.434 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.98 min

Lab File: VU036694.D

Acq: 07 Feb 2020 11:42

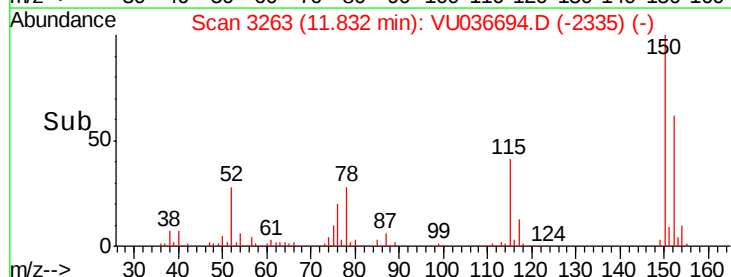
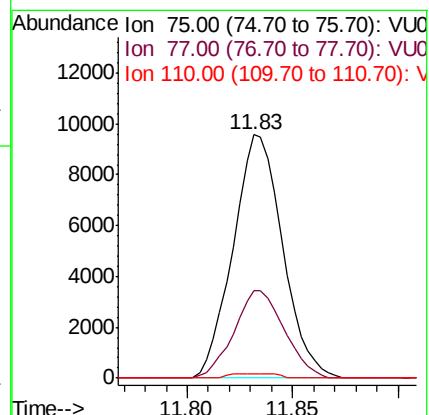
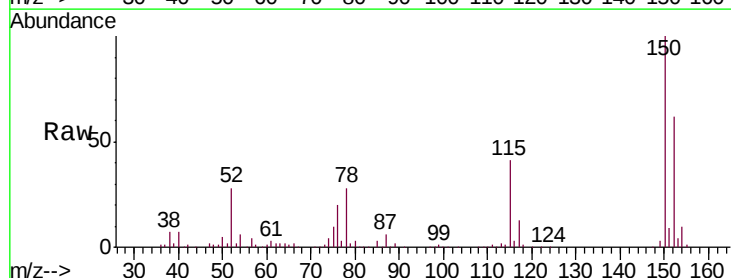
Tgt Ion: 75 Resp: 15616

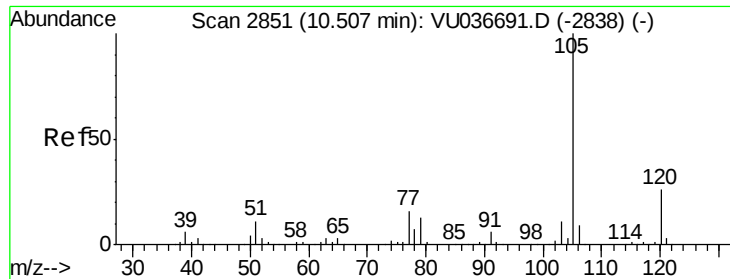
Ion Ratio Lower Upper

75 100

77 36.4 26.1 39.1

110 1.2 26.9 40.3#





#61

Isopropylbenzene

Concen: 0.021 ug/L

RT: 10.51 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VU036694.D

Acq: 07 Feb 2020 11:42

Instrument :

MSVOA_U

ClientSampleId :

VBLK105

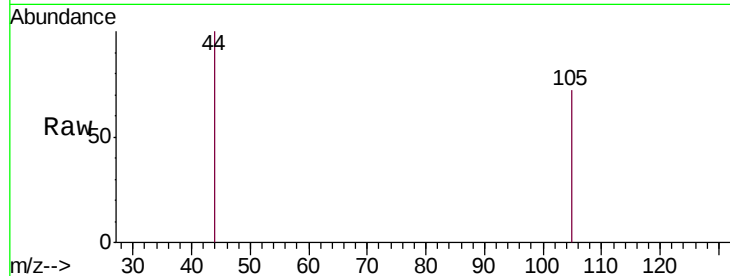
Tgt Ion:105 Resp: 159

Ion Ratio Lower Upper

105 100

120 0.0 20.2 30.4#

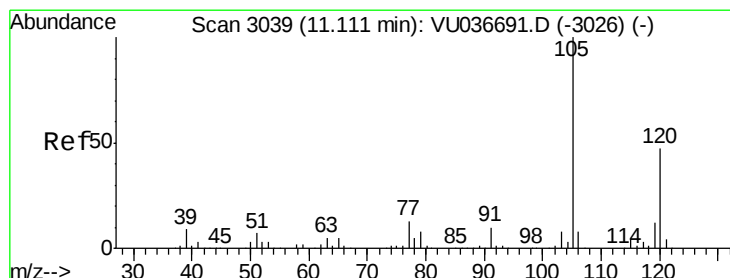
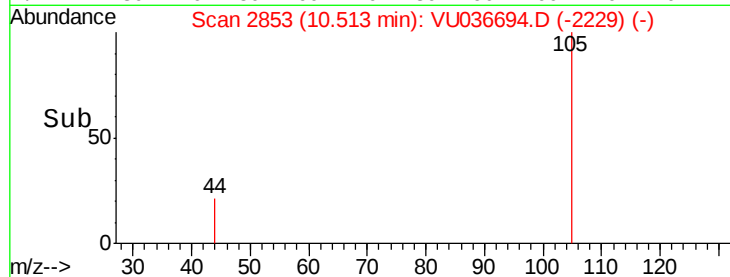
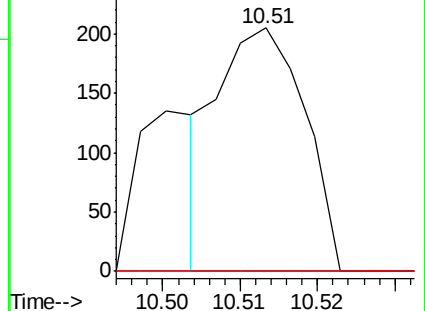
77 0.0 13.0 19.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3,5-Trimethylbenzene

Concen: 0.032 ug/L

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU036694.D

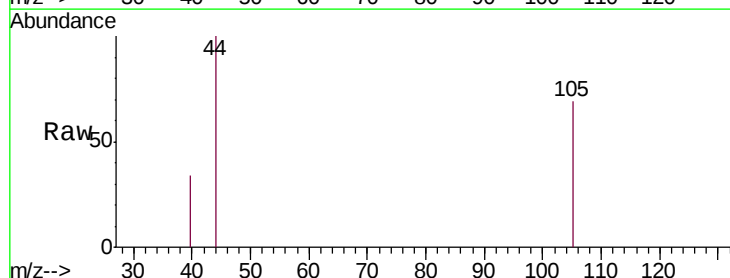
Acq: 07 Feb 2020 11:42

Tgt Ion:105 Resp: 213

Ion Ratio Lower Upper

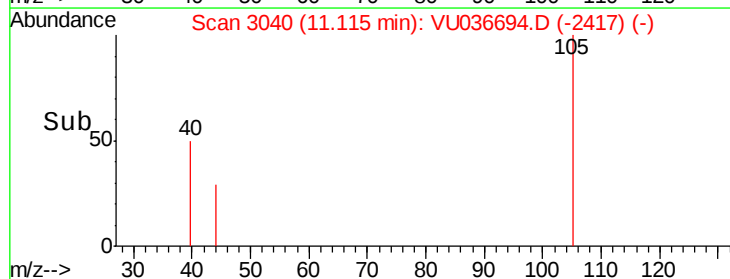
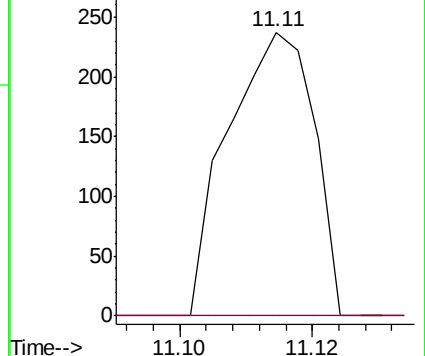
105 100

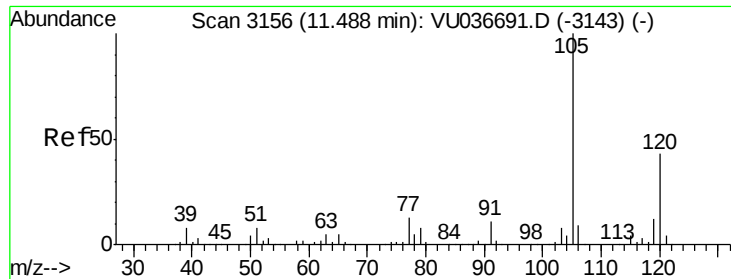
120 0.0 37.1 55.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#63

1,2,4-Trimethylbenzene

Concen: 0.045 ug/L

RT: 11.49 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU036694.D

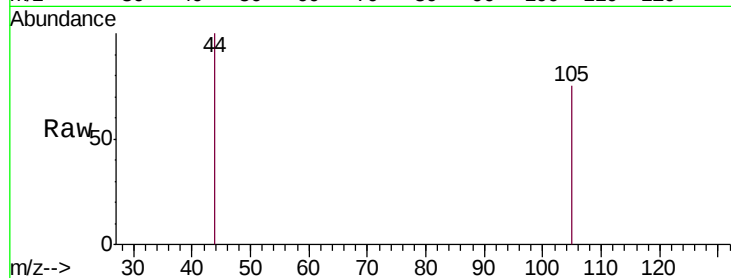
Acq: 07 Feb 2020 11:42

Instrument :

MSVOA_U

ClientSampleId :

VBLK105



Tgt Ion:105 Resp: 298

Ion Ratio Lower Upper

105 100

120 0.0 34.7 52.1#

