

Data File : VU036692.D
Acq On : 07 Feb 2020 10:48
Operator : JC/MD
Sample : VU0207WBL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK103

Quant Time: Feb 07 22:38:57 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	266149	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	246606	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	105600	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86874	48.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.88%
7) Chloroethane-d5	1.93	69	84962	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.24%
11) 1,1-Dichloroethene-d2	2.59	63	119769	35.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.48%
21) 2-Butanone-d5	4.68	46	161704	106.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.78%
24) Chloroform-d	5.11	84	155252	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
26) 1,2-Dichloroethane-d4	5.75	65	110713	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.77	84	328655	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
36) 1,2-Dichloropropane-d6	6.73	67	109974	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.20%
41) Toluene-d8	7.93	98	298296	50.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.48%
43) trans-1,3-Dichloropropene-	8.21	79	50434	48.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.88%
47) 2-Hexanone-d5	8.67	63	123608	100.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.63%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	153901	48.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.04%
66) 1,2-Dichlorobenzene-d4	12.21	152	98656	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%

Target Compounds

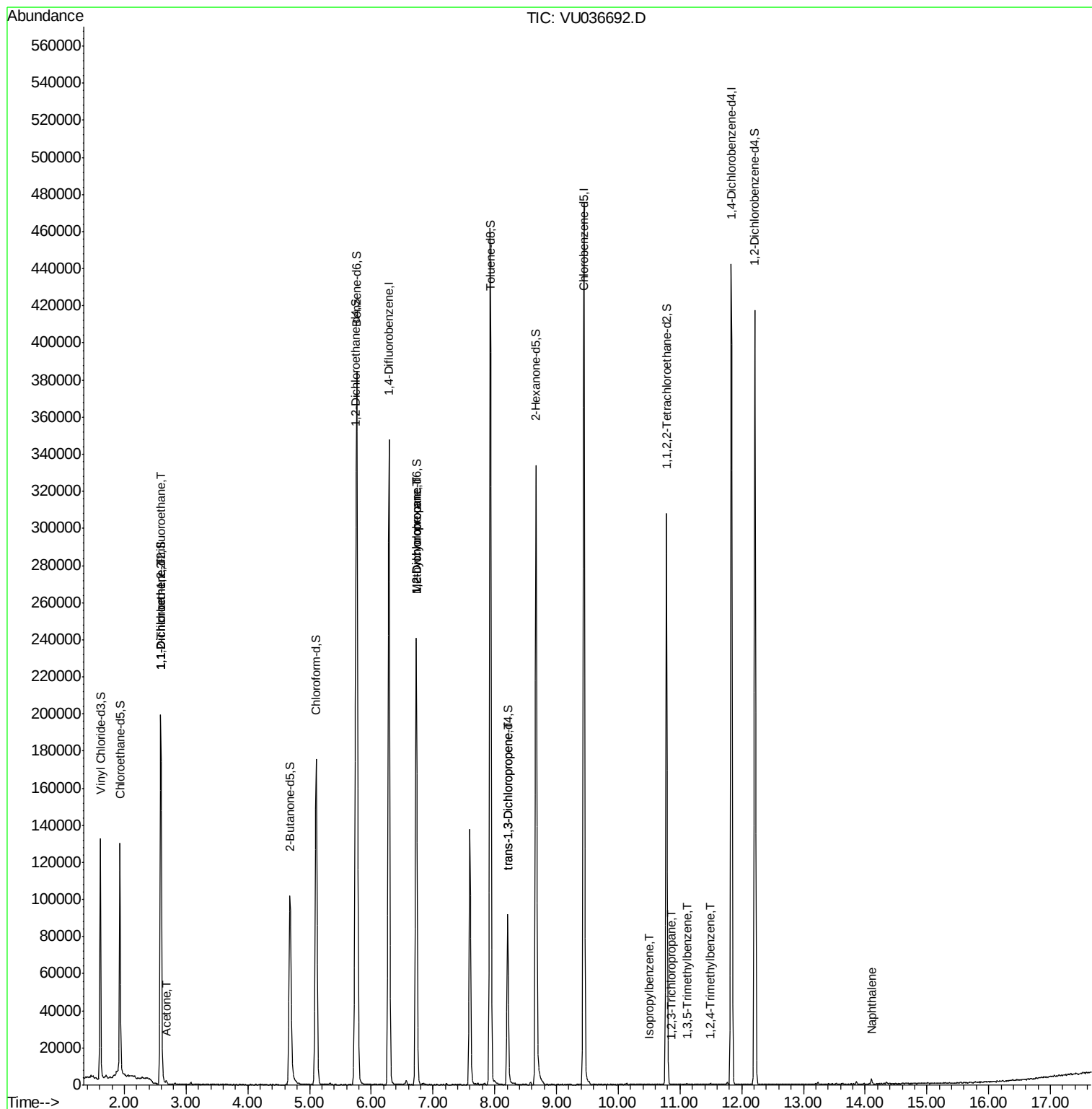
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1020	0.611	ug/L #	23
12) 1,1-Dichloroethene	2.59	96	982	0.604	ug/L #	1
13) Acetone	2.68	43	2348	1.460	ug/L	99
35) Methylcyclohexane	6.73	83	24329	7.490	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12515	6.222	ug/L #	88
44) trans-1,3-Dichloropropene	8.21	75	2387	0.850	ug/L #	54
60) 1,2,3-Trichloropropane	10.85	75	44	0.018	ug/L #	42
61) Isopropylbenzene	10.50	105	382	0.049	ug/L #	55
62) 1,3,5-Trimethylbenzene	11.11	105	339	0.050	ug/L #	62
63) 1,2,4-Trimethylbenzene	11.49	105	520	0.077	ug/L #	60
71) Naphthalene	14.10	128	2319	0.344	ug/L #	87

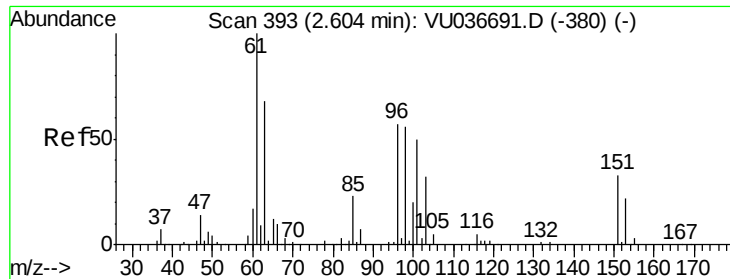
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.611 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036692.D

Acq: 07 Feb 2020 10:48

Instrument :

MSVOA_U

ClientSampleId :

VBLK103

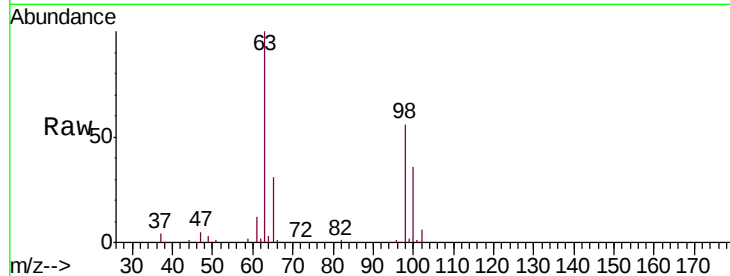
Tgt Ion: 101 Resp: 1020

Ion Ratio Lower Upper

101 100

85 0.0 36.5 54.7#

151 0.0 52.6 78.8#

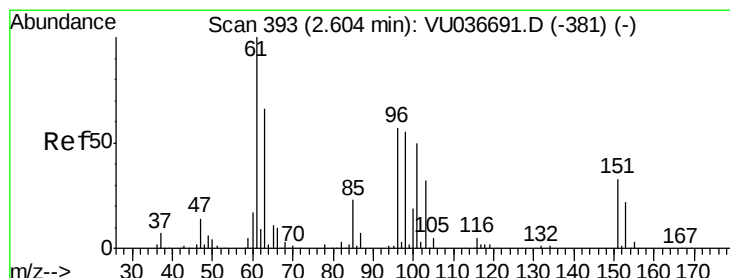
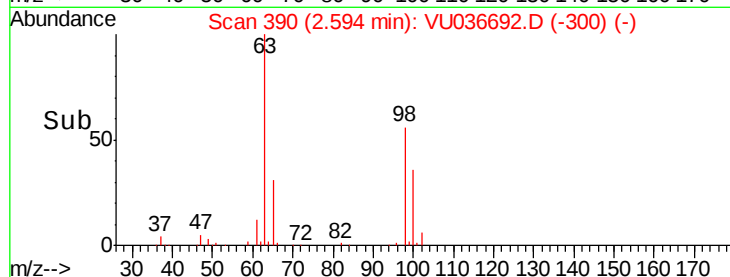
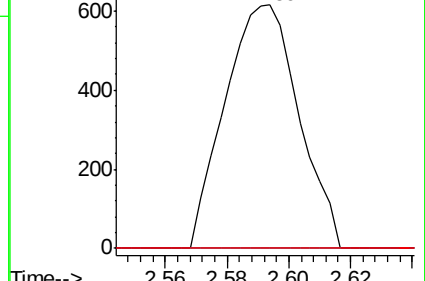


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.59



#12

1,1-Dichloroethene

Concen: 0.604 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU036692.D

Acq: 07 Feb 2020 10:48

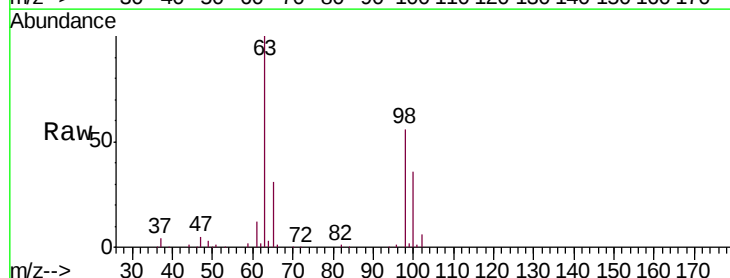
Tgt Ion: 96 Resp: 982

Ion Ratio Lower Upper

96 100

61 1291.6 124.4 231.0#

63 10758.4 83.4 155.0#

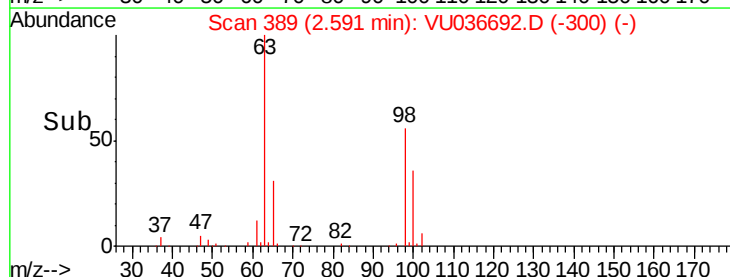
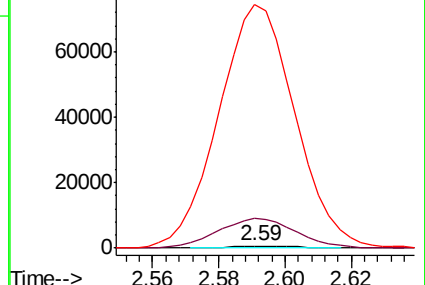


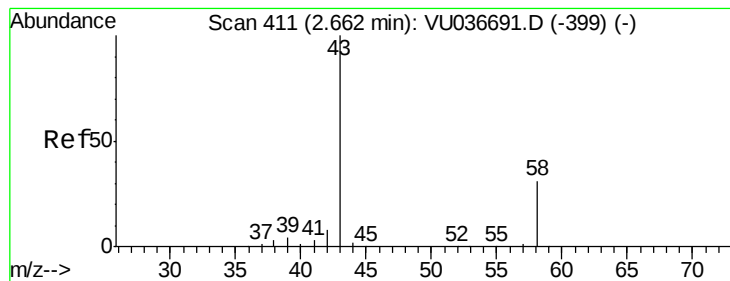
Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

2.59





#13

Acetone

Concen: 1.460 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU036692.D

Acq: 07 Feb 2020 10:48

Instrument :

MSVOA_U

ClientSampleId :

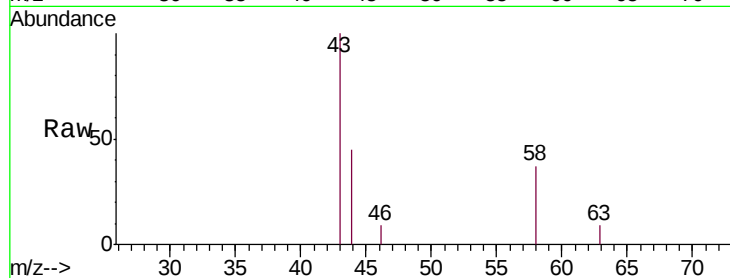
VBLK103

Tgt Ion: 43 Resp: 2348

Ion Ratio Lower Upper

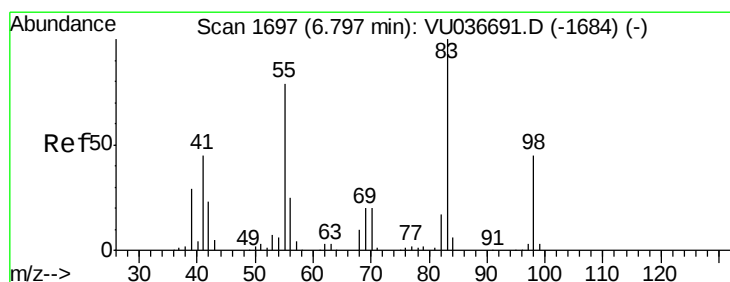
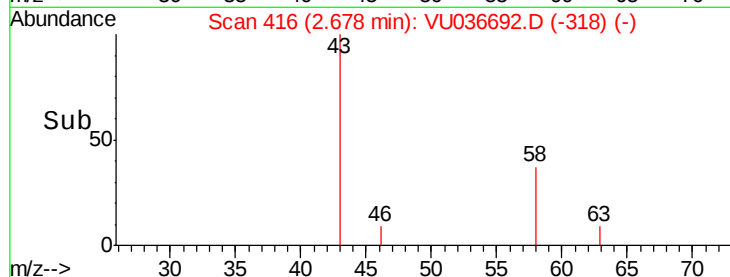
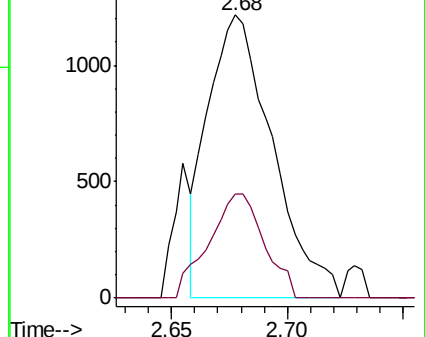
43 100

58 31.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU036692.D (-416) (-)

Ion 58.00 (57.70 to 58.70): VU036692.D (-416) (-)



#35

Methylcyclohexane

Concen: 7.490 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036692.D

Acq: 07 Feb 2020 10:48

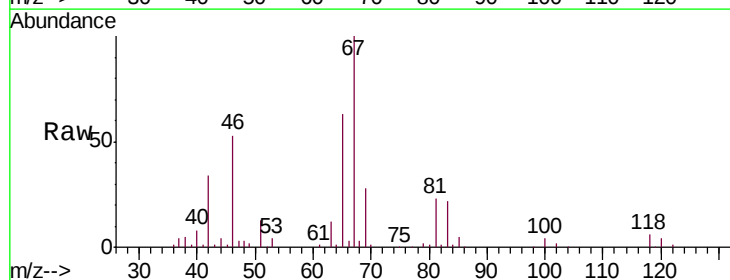
Tgt Ion: 83 Resp: 24329

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

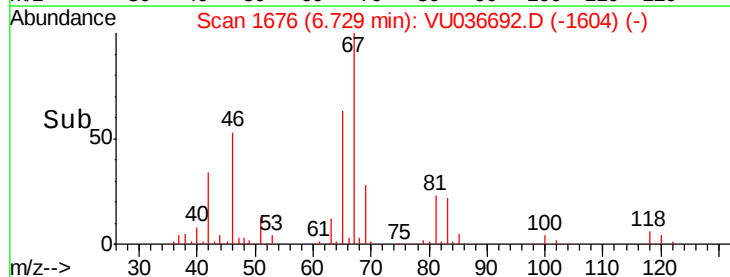
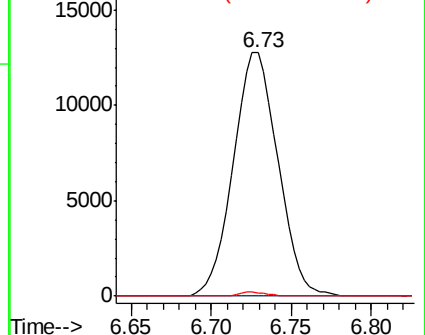
98 0.8 35.4 53.0#

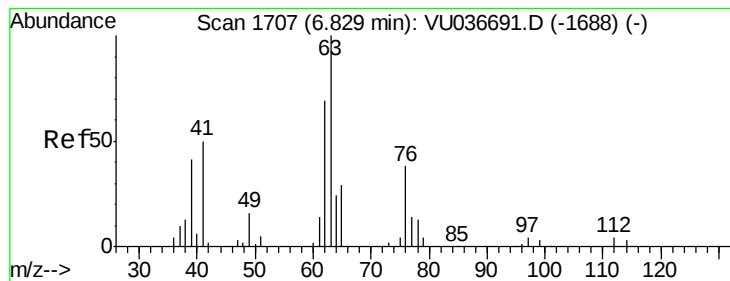


Abundance Ion 83.00 (82.70 to 83.70): VU036692.D (-1676) (-)

Ion 55.00 (54.70 to 55.70): VU036692.D (-1676) (-)

Ion 98.00 (97.70 to 98.70): VU036692.D (-1676) (-)





#37

1,2-Dichloropropane

Concen: 6.222 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036692.D

Acq: 07 Feb 2020 10:48

Instrument :

MSVOA_U

ClientSampleId :

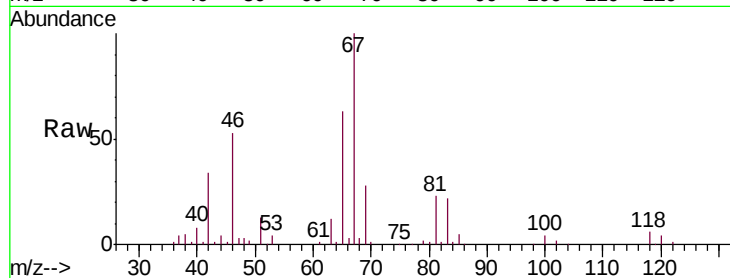
VBLK103

Tgt Ion: 63 Resp: 12515

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU036692.D (-1676) (-)

Ion 112.00 (111.70 to 112.70): VU036692.D (-1676) (-)

6.73

8000

6000

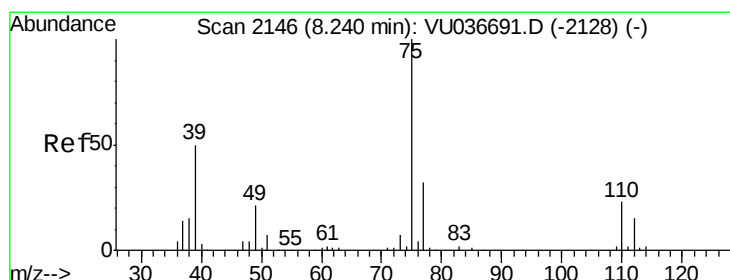
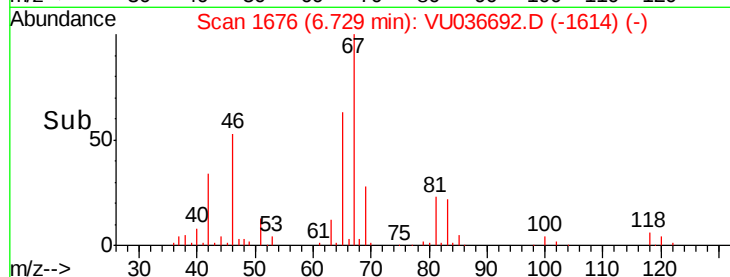
4000

2000

0

6.70 6.75

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.850 ug/L

RT: 8.21 min Scan# 2136

Delta R.T. -0.03 min

Lab File: VU036692.D

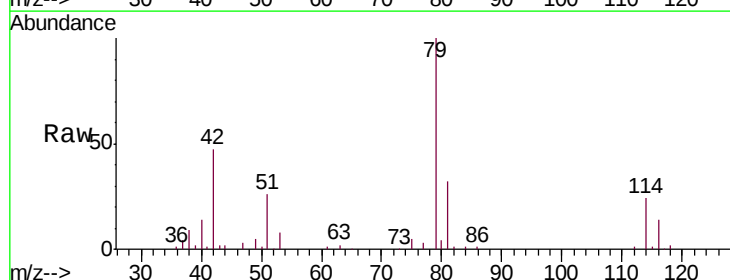
Acq: 07 Feb 2020 10:48

Tgt Ion: 75 Resp: 2387

Ion Ratio Lower Upper

75 100

77 58.1 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036692.D (-2053) (-)

Ion 77.00 (76.70 to 77.70): VU036692.D (-2053) (-)

8.21

1500

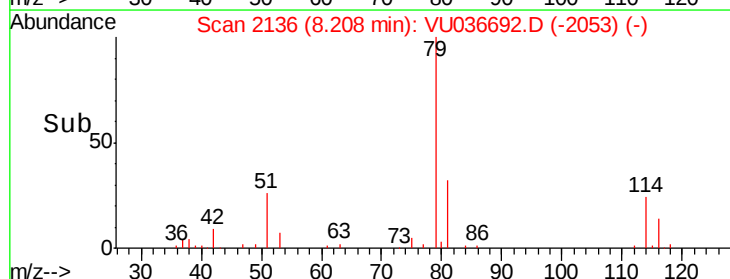
1000

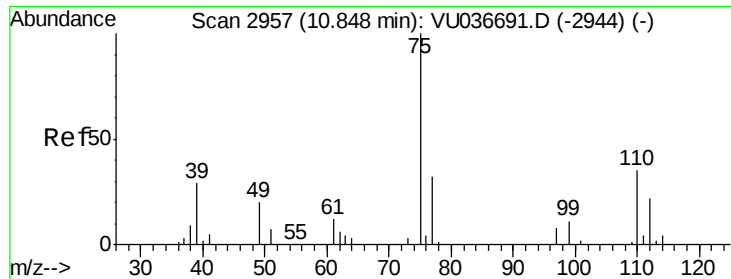
500

0

8.20 8.25

Time-->

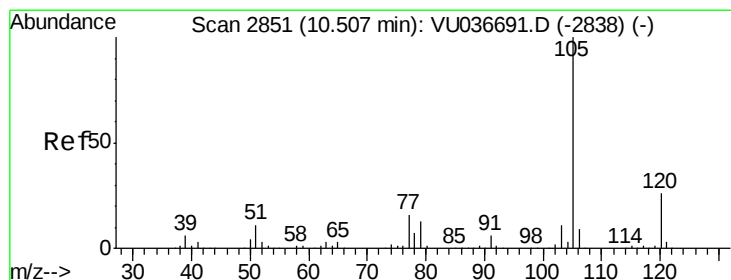
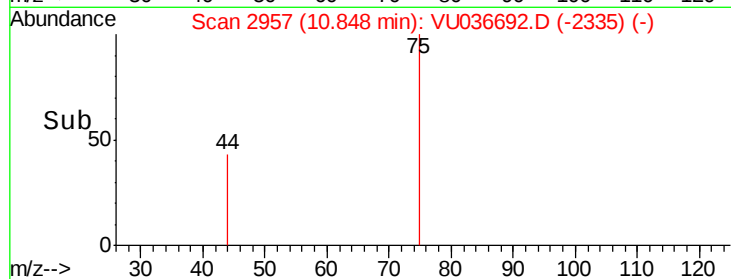
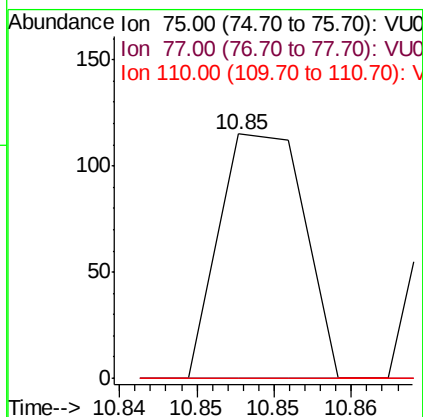
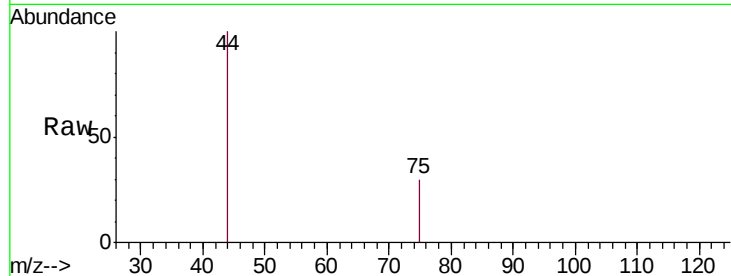




#60
1,2,3-Trichloropropane
Concen: 0.018 ug/L
RT: 10.85 min Scan# 2957
Delta R.T. -0.00 min
Lab File: VU036692.D
Acq: 07 Feb 2020 10:48

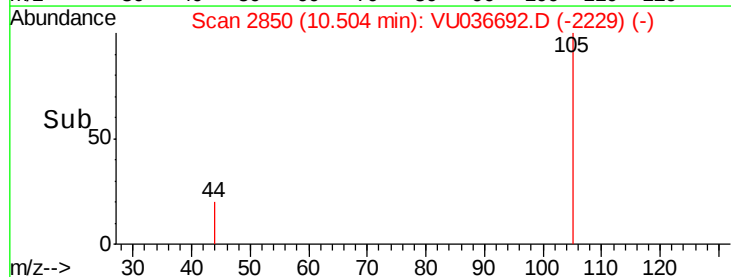
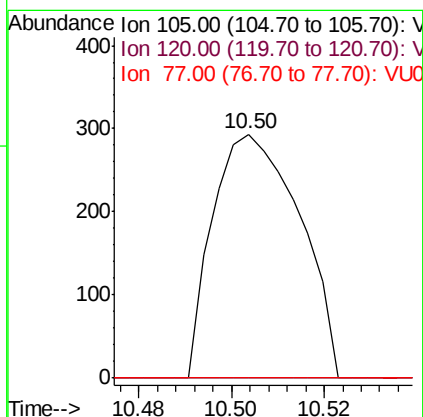
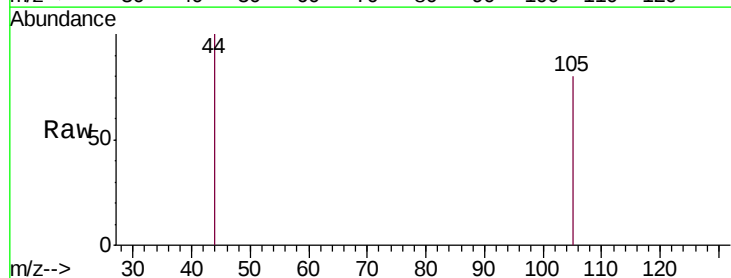
Instrument :
MSVOA_U
ClientSampled :
VBLK103

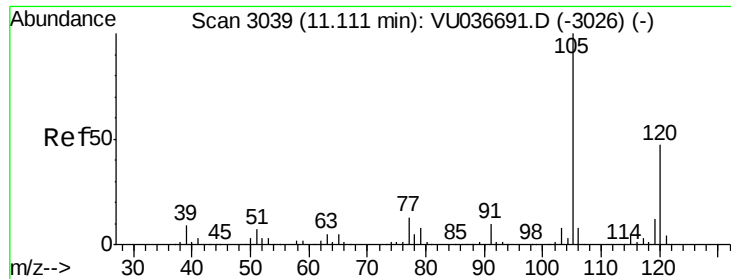
Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
77 0.0 26.1 39.1#
110 0.0 26.9 40.3#



#61
Isopropylbenzene
Concen: 0.049 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VU036692.D
Acq: 07 Feb 2020 10:48

Tgt Ion: 105 Resp: 382
Ion Ratio Lower Upper
105 100
120 0.0 20.2 30.4#
77 0.0 13.0 19.6#





#62

1,3,5-Trimethylbenzene

Concen: 0.050 ug/L

RT: 11.11 min Scan# 3038

Delta R.T. -0.00 min

Lab File: VU036692.D

Acq: 07 Feb 2020 10:48

Instrument :

MSVOA_U

ClientSampleId :

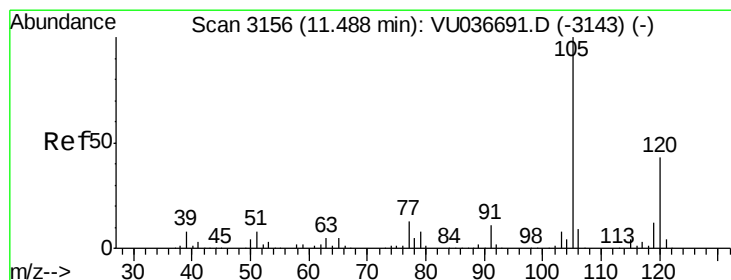
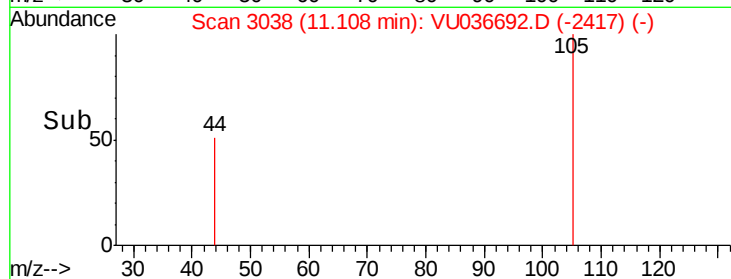
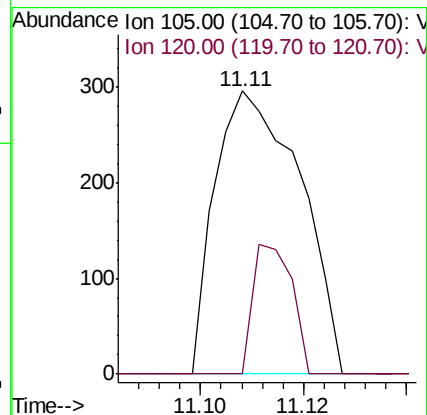
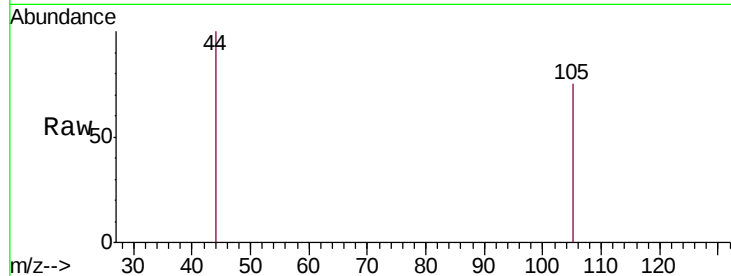
VBLK103

Tgt Ion:105 Resp: 339

Ion Ratio Lower Upper

105 100

120 20.9 37.1 55.7#



#63

1,2,4-Trimethylbenzene

Concen: 0.077 ug/L

RT: 11.49 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU036692.D

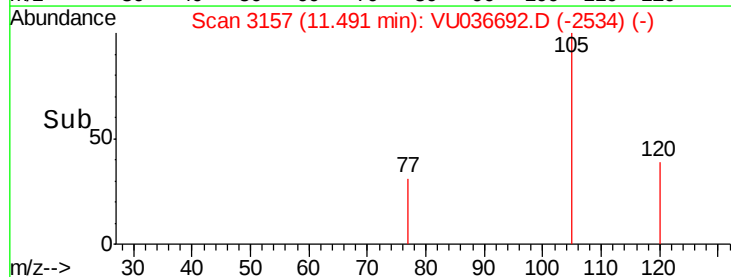
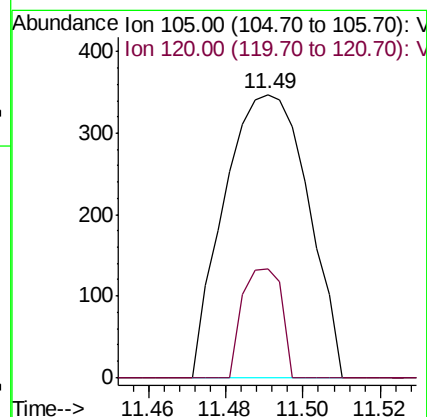
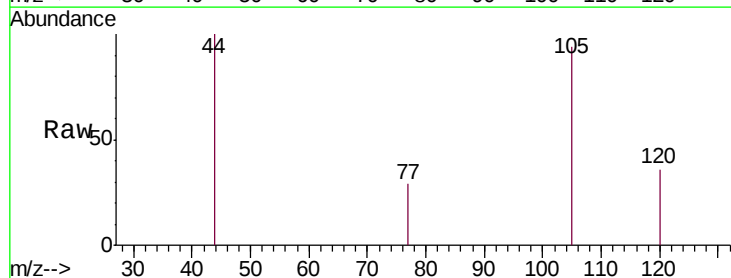
Acq: 07 Feb 2020 10:48

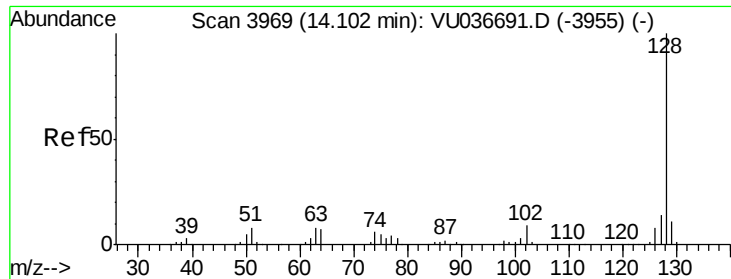
Tgt Ion:105 Resp: 520

Ion Ratio Lower Upper

105 100

120 17.9 34.7 52.1#

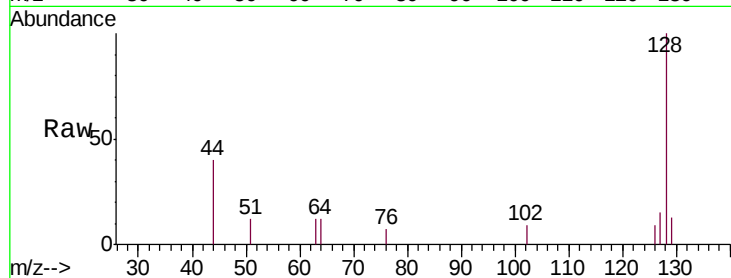




#71
Naphthalene
Concen: 0.344 ug/L
RT: 14.10 min Scan# 3969
Delta R.T. -0.00 min
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Tgt Ion:128 Resp: 2319
Ion Ratio Lower Upper
128 100
127 6.2 10.6 16.0#
129 7.8 8.5 12.7#



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

