

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039878.D
 Acq On : 17 Aug 2020 11:21
 Operator : SY/MD
 Sample : VU0817WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK20

Quant Time: Aug 18 04:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	74536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36960	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16956	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.92	69	18042	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.58	63	26250	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.66	46	99561	56.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.48%
24) Chloroform-d	5.08	84	44085	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.72	65	28934	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.74	84	78435	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	28013	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.91	98	63593	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.18	79	11101	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.64	63	70444	55.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28175	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	31832	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

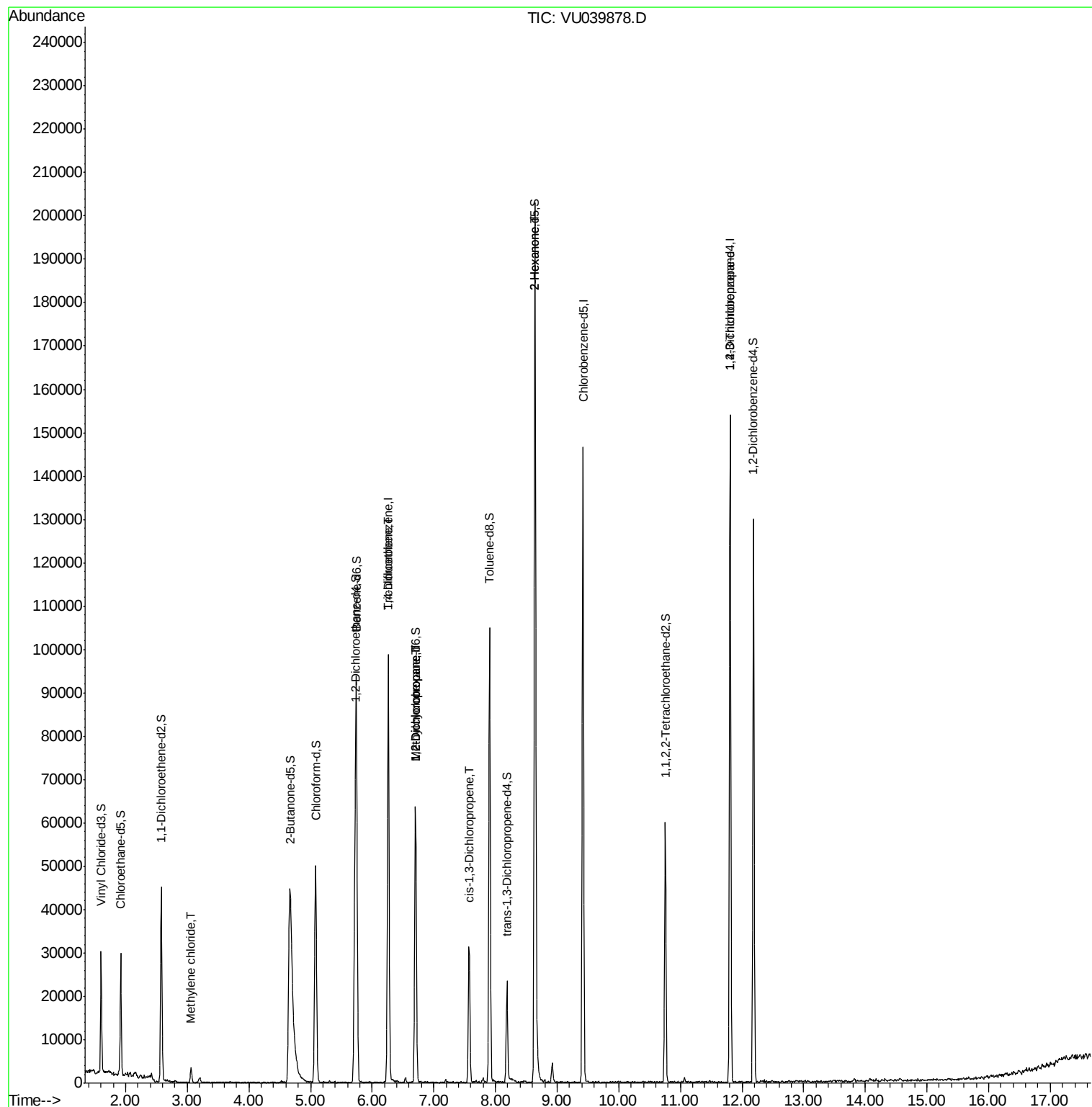
					Ovalue
16) Methylene chloride	3.06	84	1550	0.216 ug/L	79
34) Trichloroethene	6.27	95	1271	0.241 ug/L #	4
35) Methylcyclohexane	6.70	83	6561	0.780 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3297	0.612 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	823	0.112 ug/L #	76
48) 2-Hexanone	8.64	43	10479	3.605 ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	5309	1.366 ug/L #	86

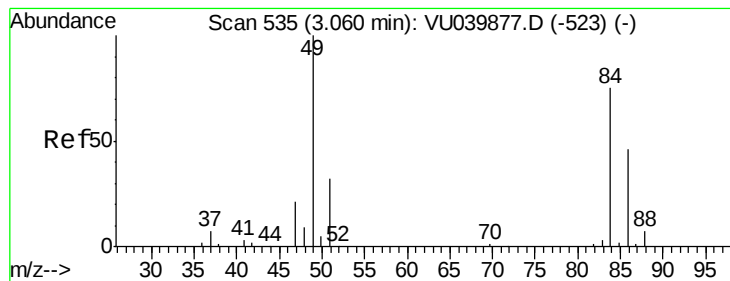
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.216 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU039878.D

Acq: 17 Aug 2020 11:21

Instrument :

MSVOA_U

ClientSampleId :

VBLK20

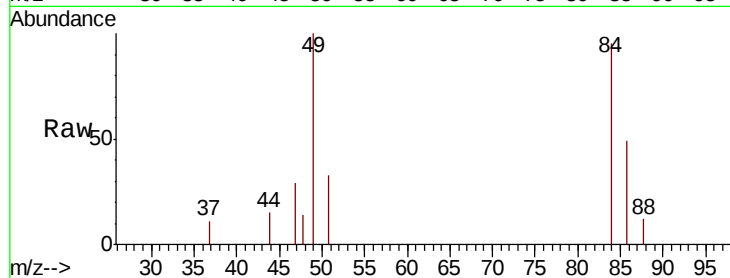
Tot Ion: 84 Resp: 1550

Ion Ratio Lower Upper

84 100

86 51.9 43.9 81.5

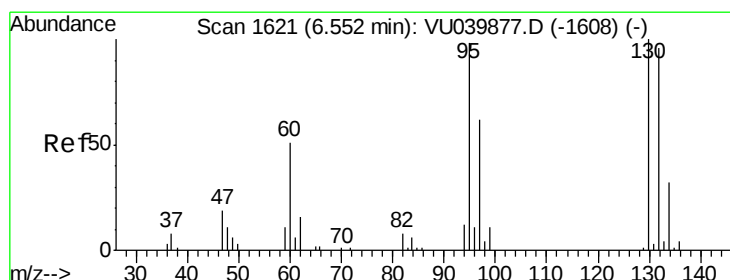
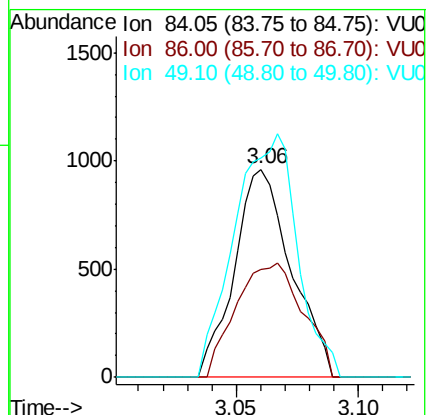
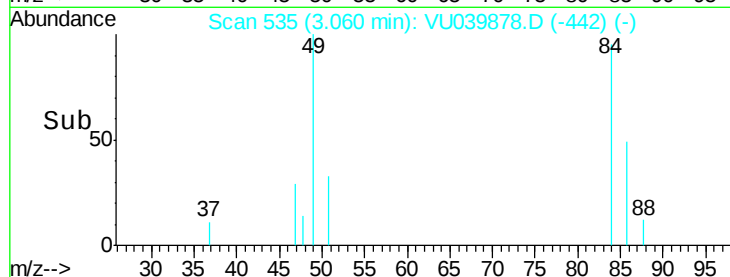
49 105.5 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU039878.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU039878.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU039878.D (-442) (-)



#34

Trichloroethene

Concen: 0.241 ug/L

RT: 6.27 min Scan# 1533

Delta R.T. -0.28 min

Lab File: VU039878.D

Acq: 17 Aug 2020 11:21

Tgt Ion: 95 Resp: 1271

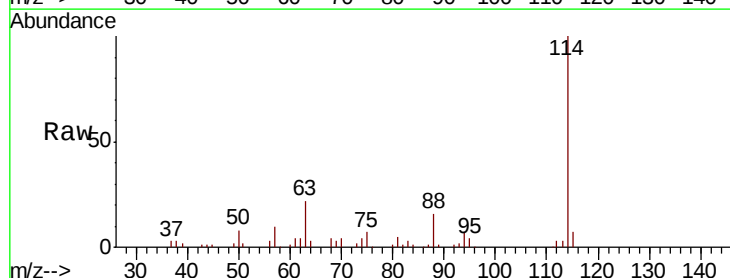
Ion Ratio Lower Upper

95 100

97 0.0 44.0 81.8#

132 0.0 71.7 133.3#

130 0.0 71.1 132.1#

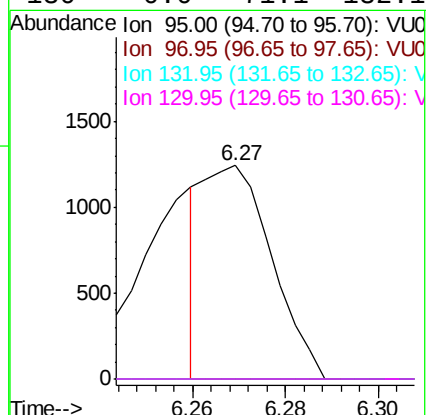
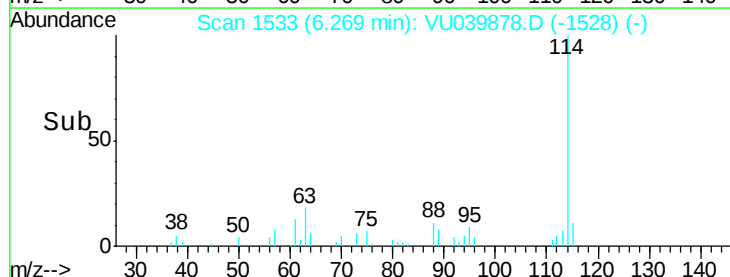


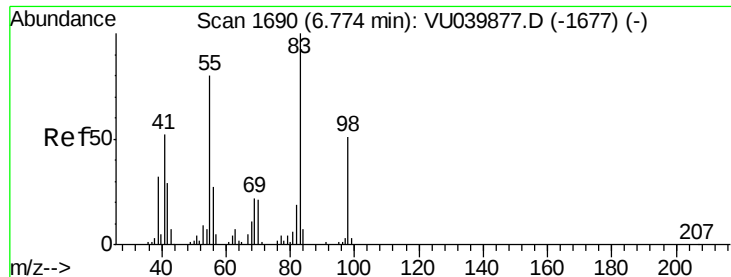
Abundance Ion 95.00 (94.70 to 95.70): VU039878.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU039878.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU039878.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU039878.D (-1528) (-)

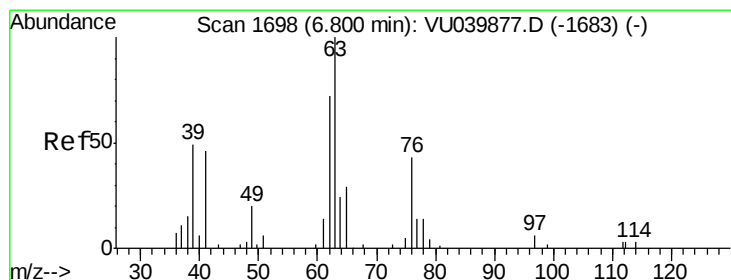
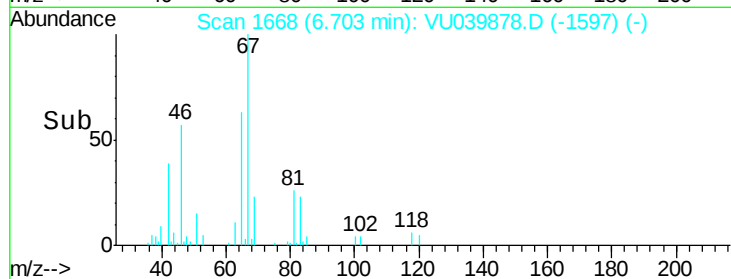
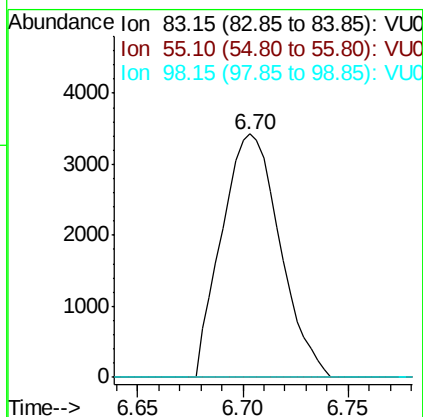
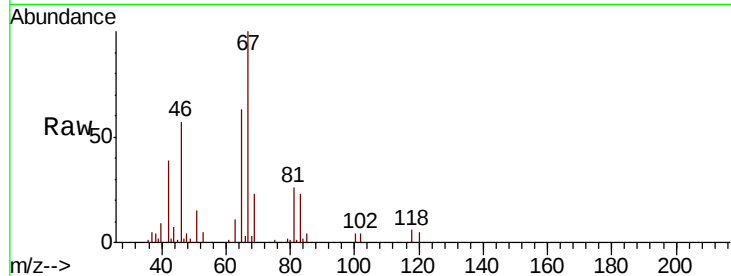




#35
Methvlcvclohexane
Concen: 0.780 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039878.D
Acq: 17 Aug 2020 11:21

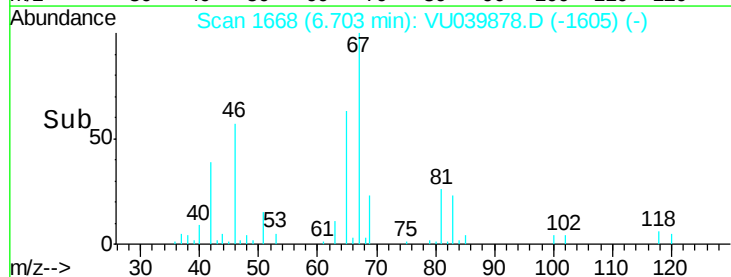
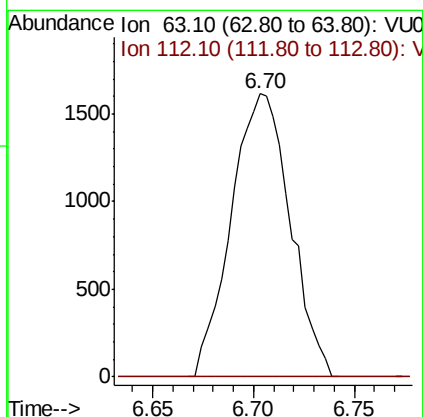
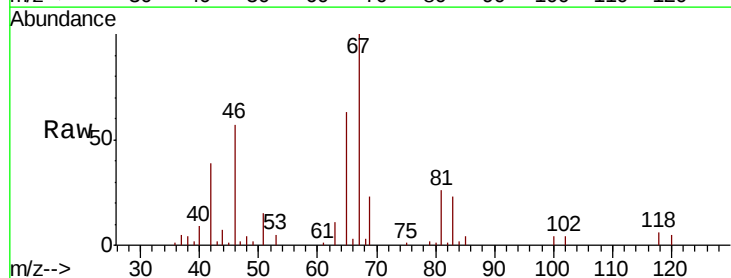
Instrument :
MSVOA_U
ClientSampleId :
VBLK20

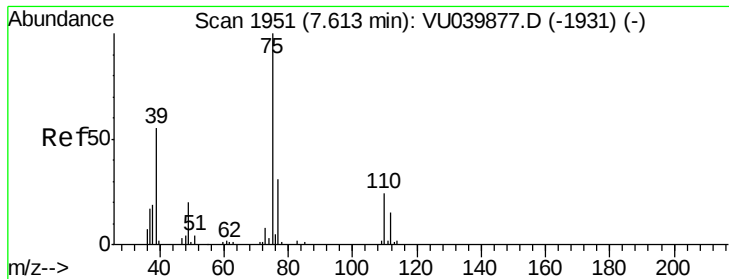
Tot Ion: 83 Resp: 6561
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039878.D
Acq: 17 Aug 2020 11:21

Tgt Ion: 63 Resp: 3297
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU039878.D

Acq: 17 Aug 2020 11:21

Instrument :

MSVOA_U

ClientSampleId :

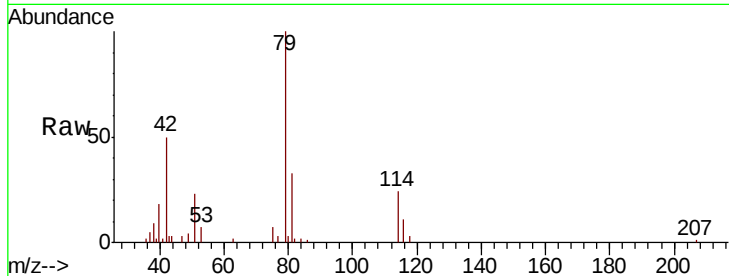
VBLK20

Tot Ion: 75 Resp: 823

Ion Ratio Lower Upper

75 100

77 45.5 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

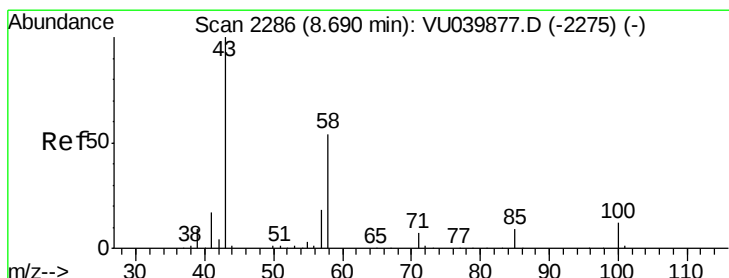
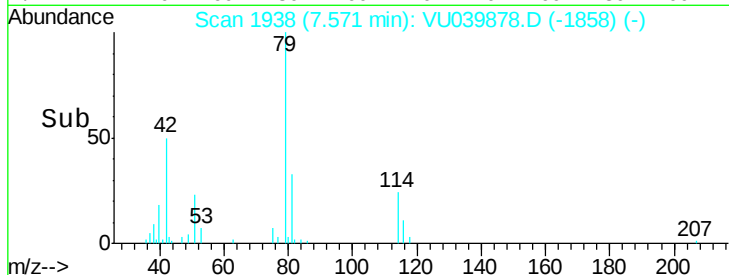
600

400

200

0

Time--> 7.52 7.54 7.56 7.58 7.60



#48

2-Hexanone

Concen: 3.605 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU039878.D

Acq: 17 Aug 2020 11:21

Tgt Ion: 43 Resp: 10479

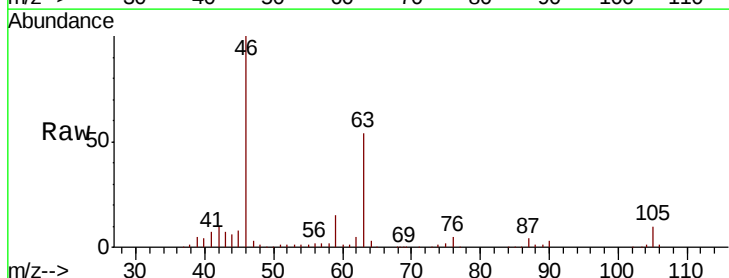
Ion Ratio Lower Upper

43 100

58 24.9 41.8 62.8#

57 24.7 14.2 21.4#

100 0.0 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

8.64

8000

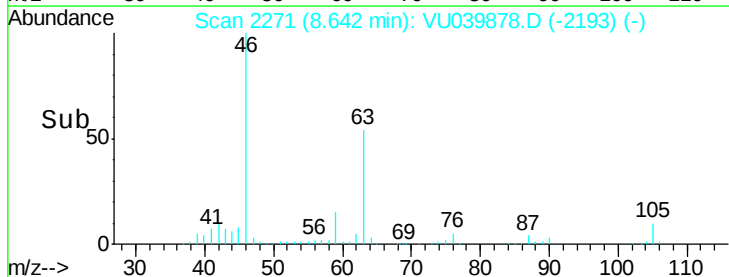
6000

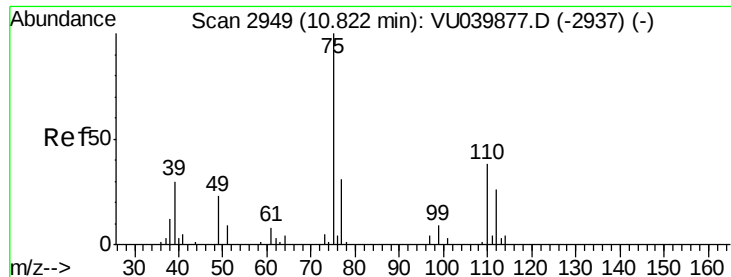
4000

2000

0

Time--> 8.55 8.60 8.65 8.70 8.75





#59

1,2,3-Trichloropropane

Concen: 1.366 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039878.D

Acq: 17 Aug 2020 11:21

Instrument :

MSVOA_U

ClientSampleId :

VBLK20

Tot Ion: 75 Resp: 5309

Ion Ratio Lower Upper

75 100

77 38.7 24.6 37.0#

