

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039477.D
 Acq On : 14 Jul 2020 10:12
 Operator : SY/MD
 Sample : VU0714WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK06

Quant Time: Jul 15 06:23:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	91097	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	87552	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31202	5.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.20%
7) Chloroethane-d5	1.93	69	29935	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.58	63	46140	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	4.66	46	123844	51.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.52%
24) Chloroform-d	5.08	84	60200	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.72	65	37958	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.75	84	123558	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
36) 1,2-Dichloropropane-d6	6.70	67	39931	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.91	98	112210	6.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.80%
43) trans-1,3-Dichloropropene-	8.19	79	16944	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.64	63	90621	46.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.44%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34995	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	41182	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

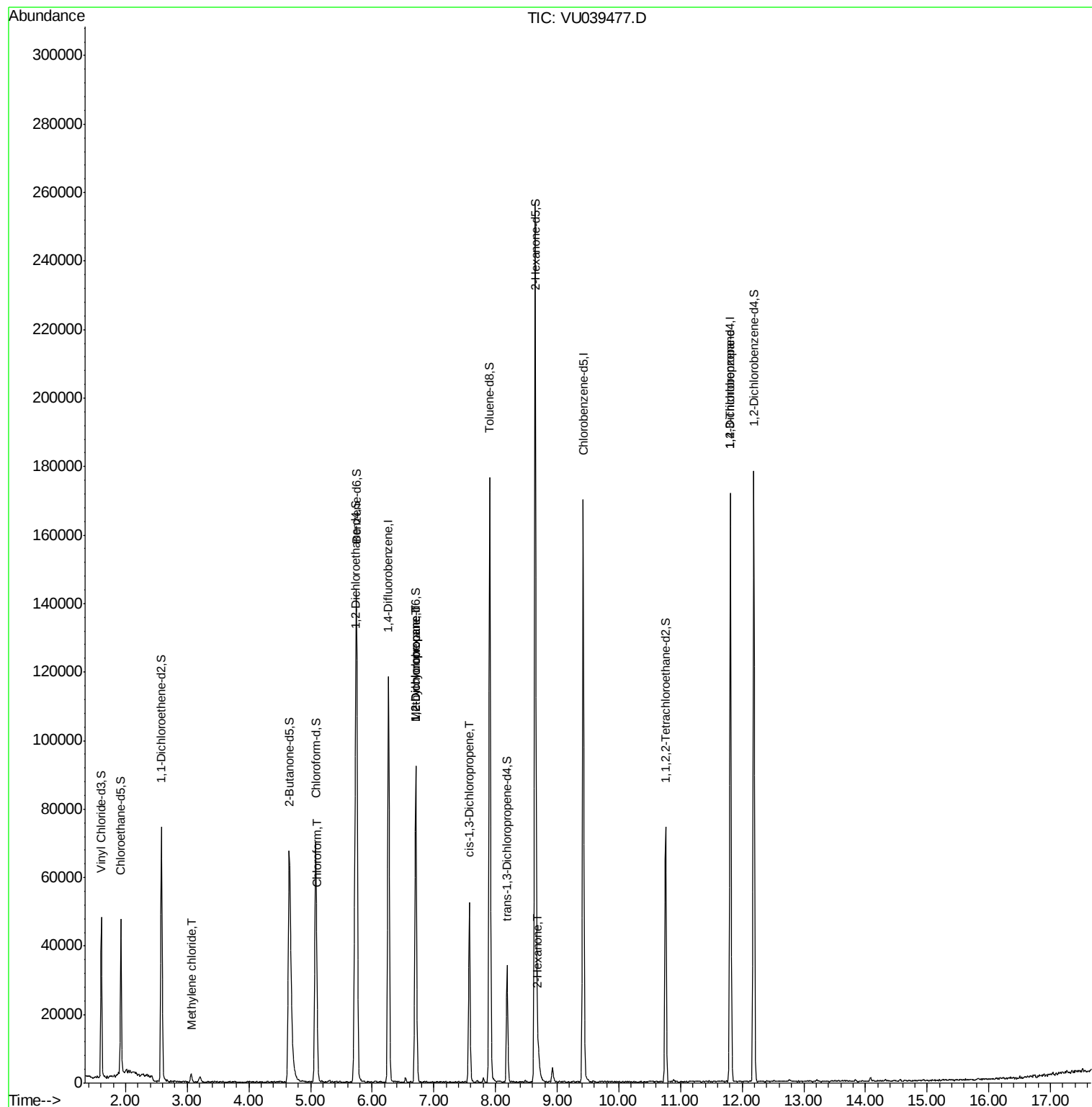
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	852	0.125	ug/L #	64
25) Chloroform	5.11	83	2736	0.231	ug/L	89
35) Methylcyclohexane	6.71	83	9039	0.834	ug/L #	20
37) 1,2-Dichloropropane	6.71	63	5189	0.727	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1637	0.152	ug/L #	70
48) 2-Hexanone	8.69	43	4383	0.999	ug/L #	42
59) 1,2,3-Trichloropropane	11.81	75	6344	1.206	ug/L #	88

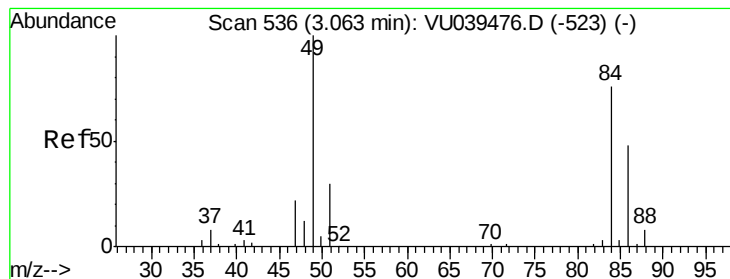
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 15 06:21:40 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.125 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039477.D

Acq: 14 Jul 2020 10:12

Instrument :

MSVOA_U

ClientSampleId :

VBLK06

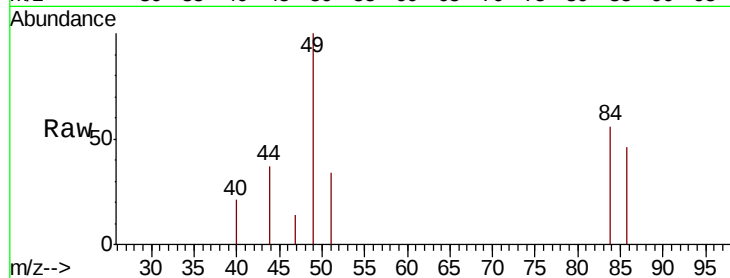
Tot Ion: 84 Resp: 852

Ion Ratio Lower Upper

84 100

86 82.3 43.5 80.9#

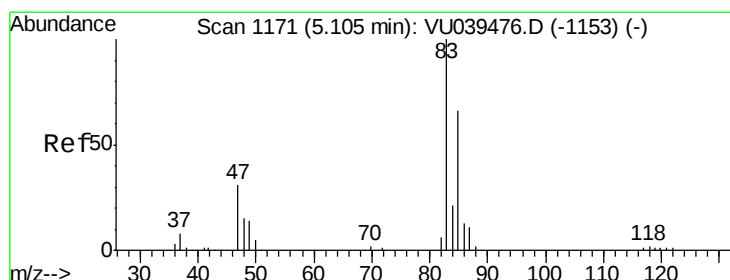
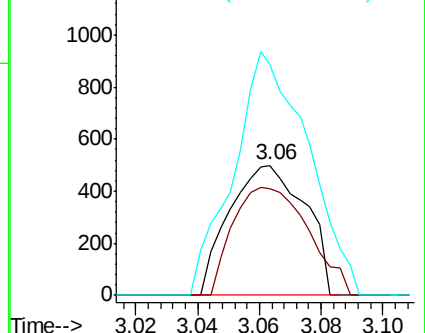
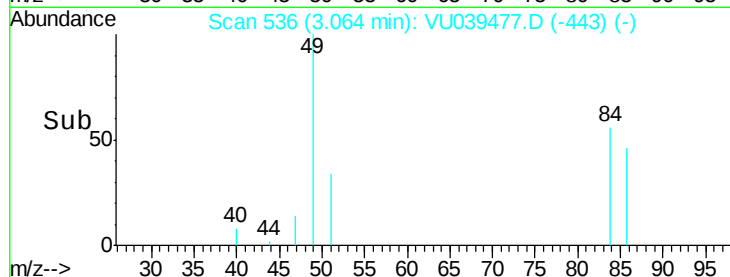
49 178.3 91.1 169.1#



Abundance Ion 84.05 (83.75 to 84.75): VU039477.D (-443) (-)

Ion 86.00 (85.70 to 86.70): VU039477.D (-443) (-)

Ion 49.10 (48.80 to 49.80): VU039477.D (-443) (-)



#25

Chloroform

Concen: 0.231 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039477.D

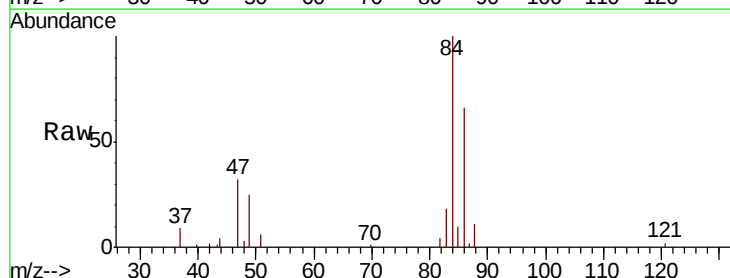
Acq: 14 Jul 2020 10:12

Tgt Ion: 83 Resp: 2736

Ion Ratio Lower Upper

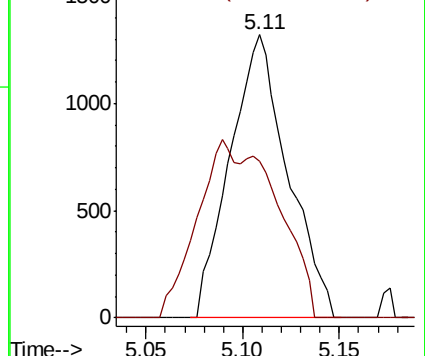
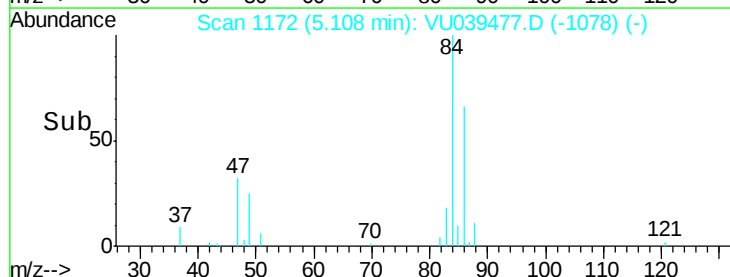
83 100

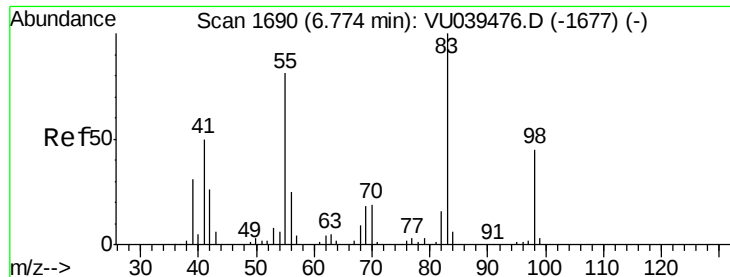
85 55.4 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039477.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039477.D (-1078) (-)

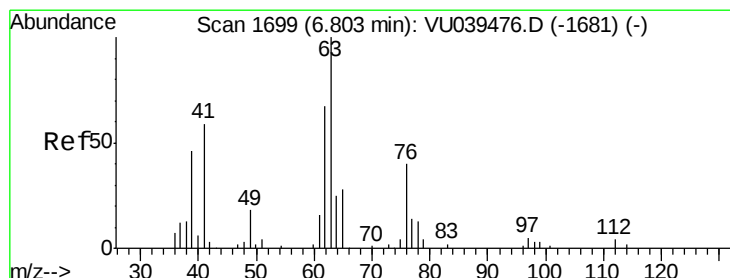
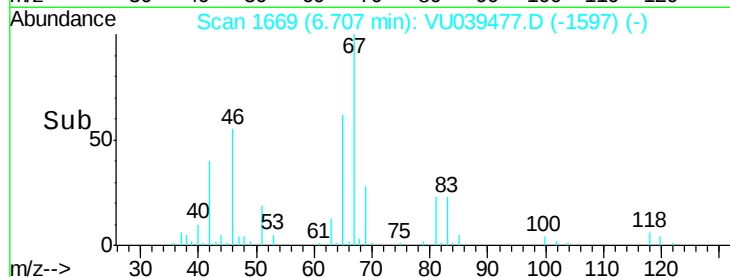
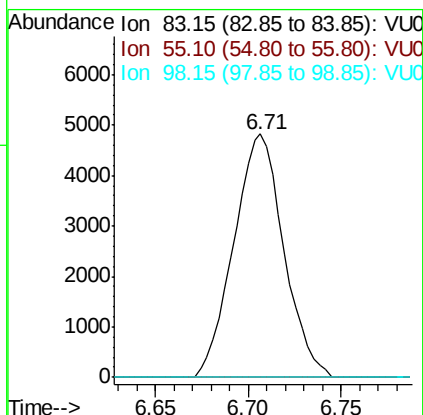
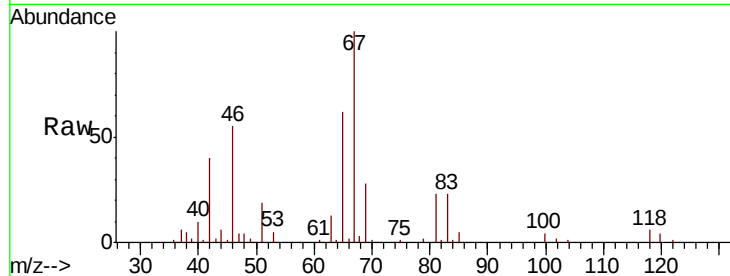




#35
Methvlcvclohexane
Concen: 0.834 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039477.D
Acq: 14 Jul 2020 10:12

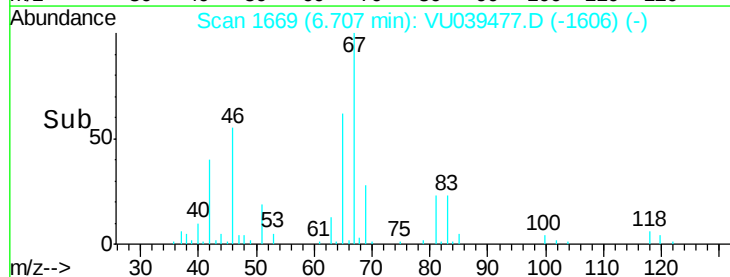
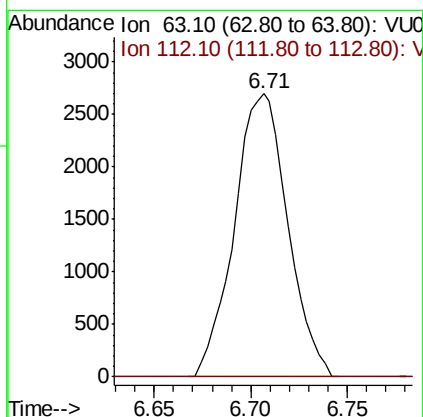
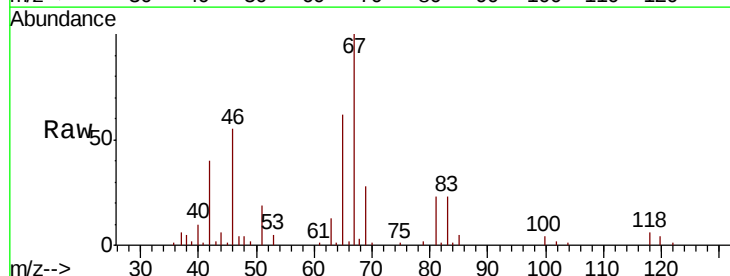
Instrument :
MSVOA_U
ClientSampleId :
VBLK06

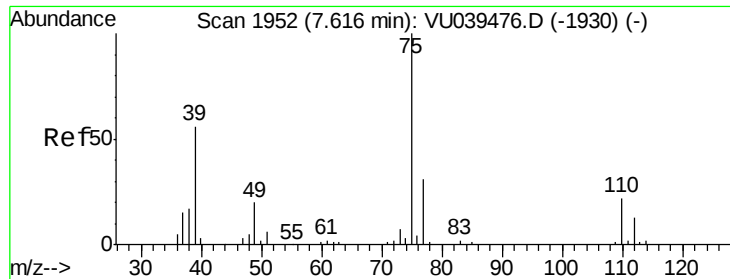
Tot Ion: 83 Resp: 9039
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 2.8 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.727 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039477.D
Acq: 14 Jul 2020 10:12

Tgt Ion: 63 Resp: 5189
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.152 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039477.D

Acq: 14 Jul 2020 10:12

Instrument :

MSVOA_U

ClientSampleId :

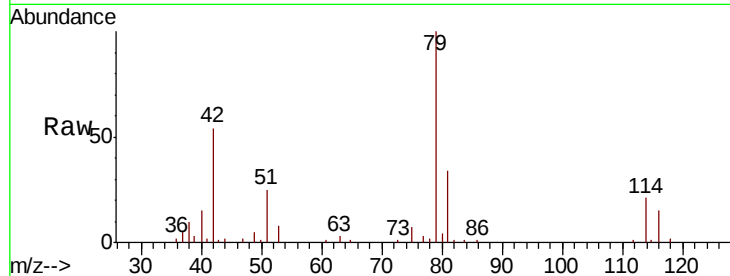
VBLK06

Tot Ion: 75 Resp: 1637

Ion Ratio Lower Upper

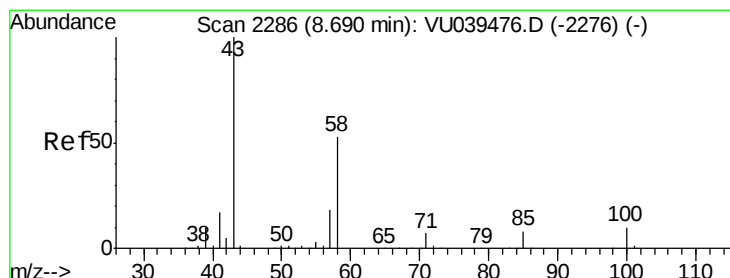
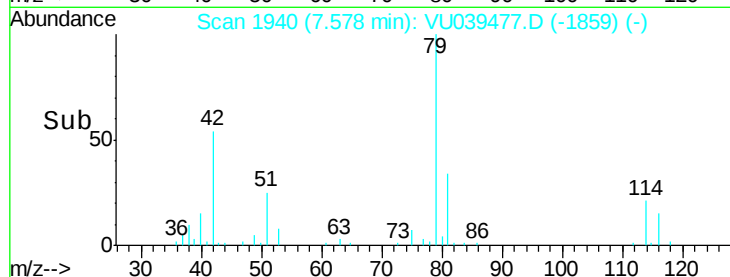
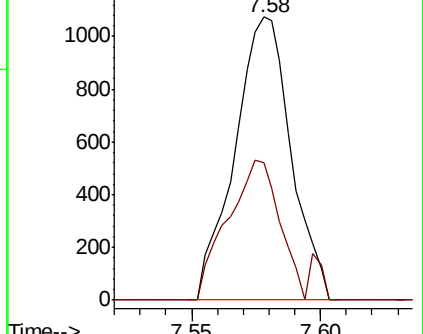
75 100

77 48.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 0.999 ug/L

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU039477.D

Acq: 14 Jul 2020 10:12

Tgt Ion: 43 Resp: 4383

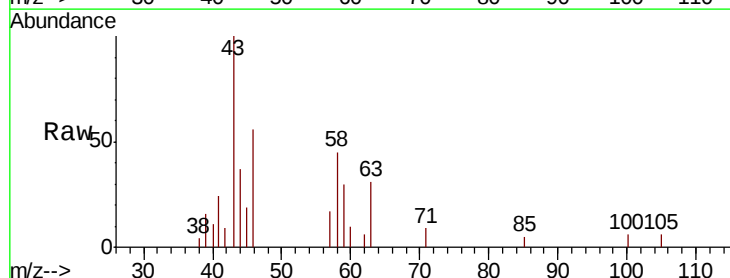
Ion Ratio Lower Upper

43 100

58 0.0 42.0 63.0#

57 5.6 14.0 21.0#

100 0.0 8.2 12.2#

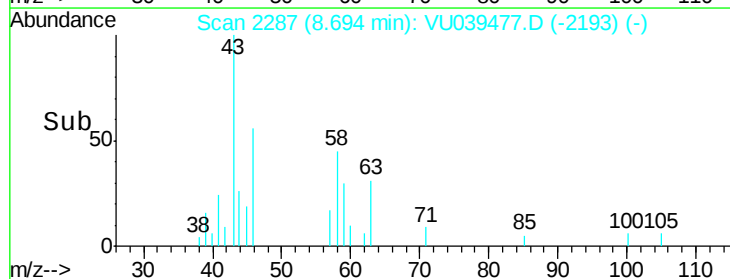
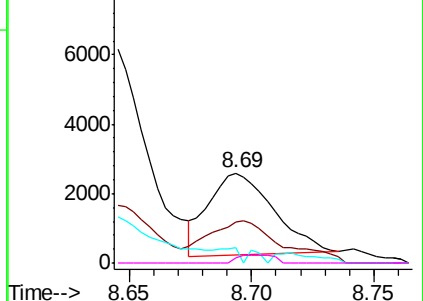


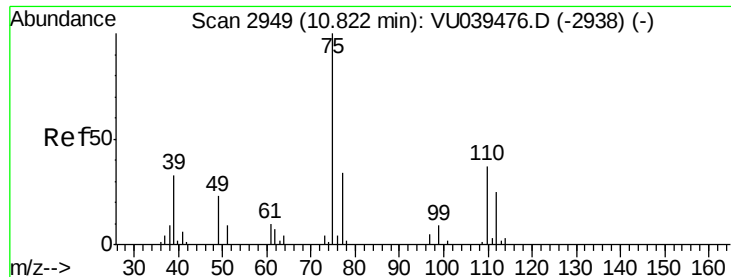
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#59

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039477.D

Acq: 14 Jul 2020 10:12

Instrument :

MSVOA_U

ClientSampleId :

VBLK06

Tot Ion: 75 Resp: 6344

Ion Ratio Lower Upper

75 100

77 40.6 26.8 40.2#

