

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038978.D
 Acq On : 18 Jun 2020 18:23
 Operator : SY/MD
 Sample : L3058-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L44

Quant Time: Jun 19 01:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	255602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	270694	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	122559	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76655	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	72825	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.59	63	129091	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.67	46	435420	76.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	153.36%#
24) Chloroform-d	5.10	84	183727	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	111380	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.76	84	341617	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.72	67	110260	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.92	98	274342	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.20	79	45872	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.66	63	281764	53.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	136916	6.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.00%#
64) 1,2-Dichlorobenzene-d4	12.20	152	120786	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

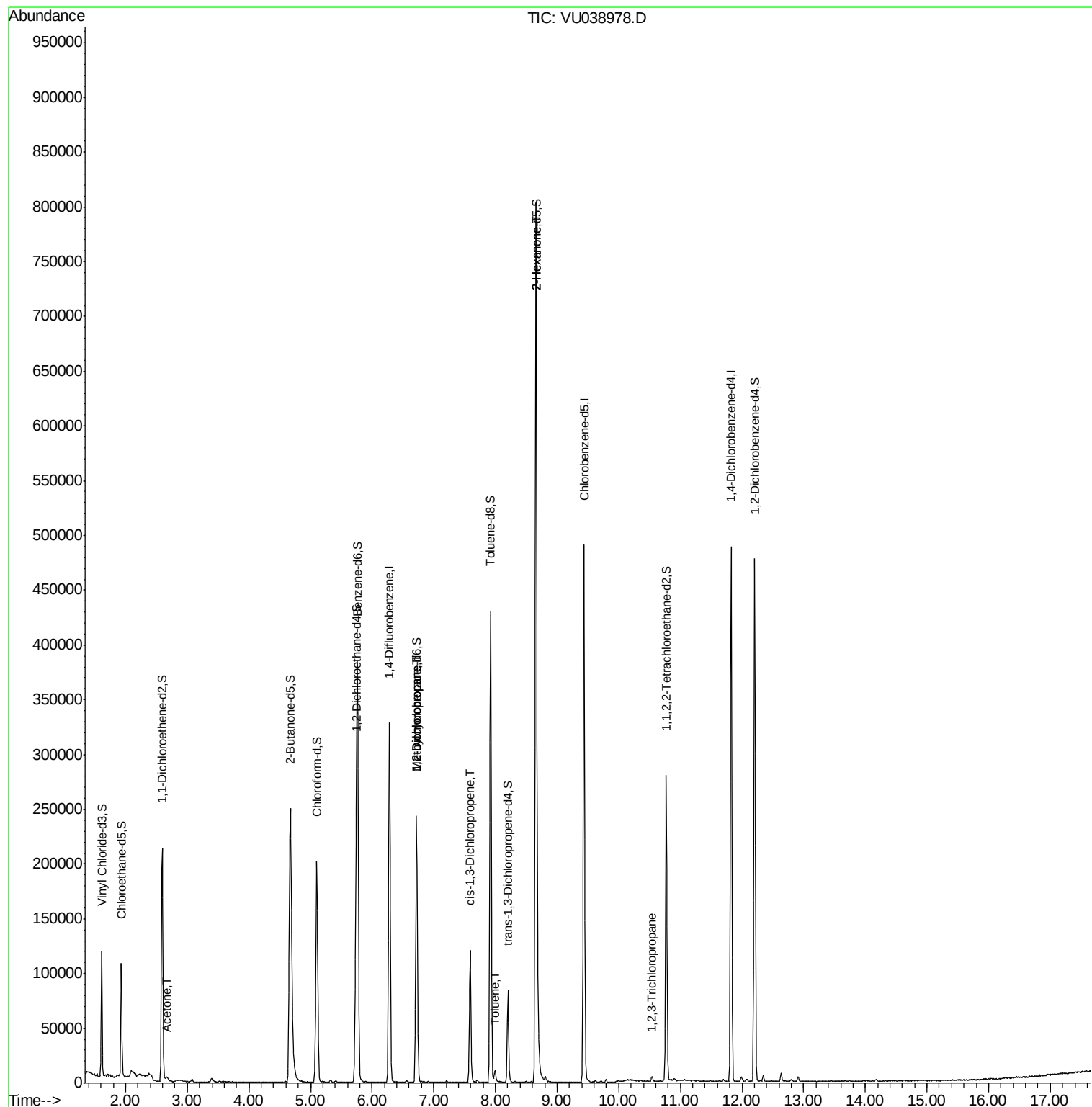
					Ovalue
13) Acetone	2.68	43	7242	1.871 ug/L	75
35) Methylcyclohexane	6.72	83	27352	0.841 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12180	0.577 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3251	0.105 ug/L #	66
42) Toluene	7.99	91	6949	0.083 ug/L	99
48) 2-Hexanone	8.66	43	34551	3.134 ug/L #	73
59) 1,2,3-Trichloropropane	10.54	75	2457	0.151 ug/L #	43

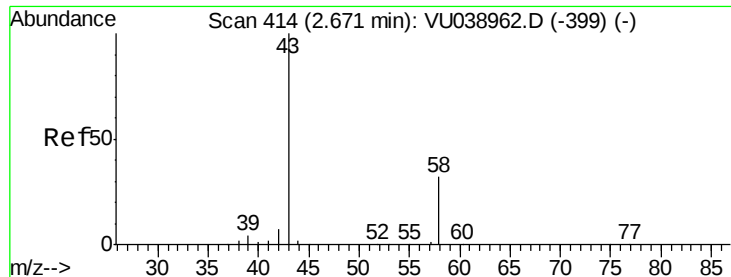
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.871 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU038978.D

Acq: 18 Jun 2020 18:23

Instrument :

MSVOA_U

ClientSampled :

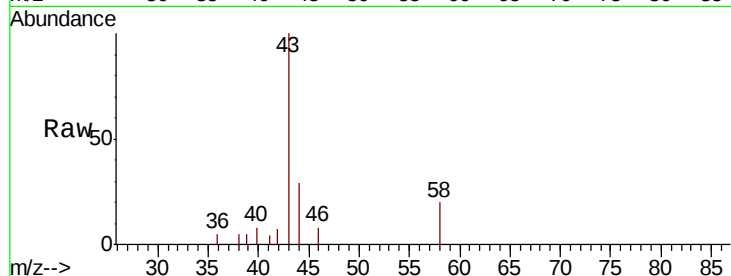
F9L44

Tot Ion: 43 Resp: 7242

Ion Ratio Lower Upper

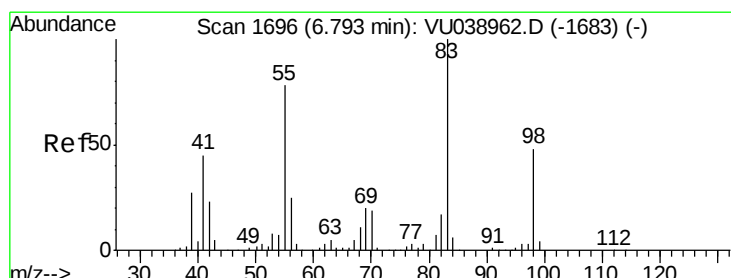
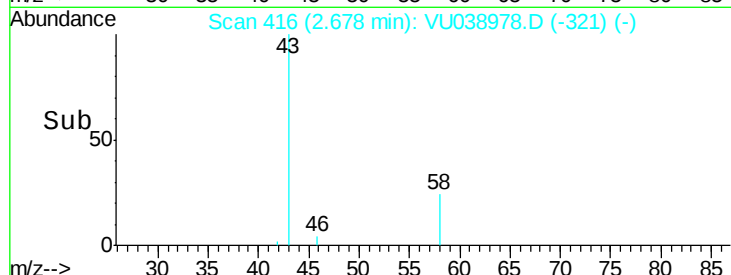
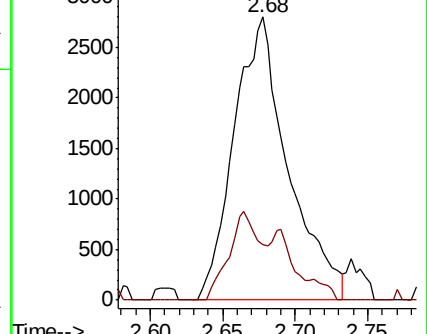
43 100

58 18.3 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU038978.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU038978.D (-321) (-)



#35

Methylcyclohexane

Concen: 0.841 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038978.D

Acq: 18 Jun 2020 18:23

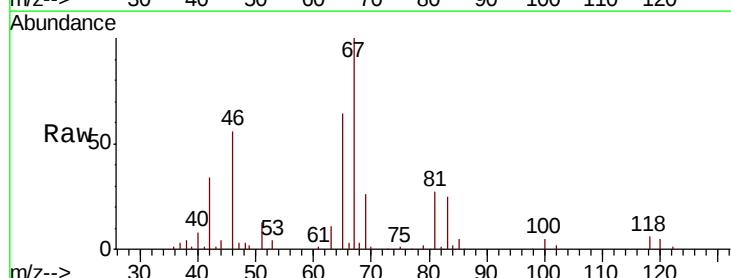
Tgt Ion: 83 Resp: 27352

Ion Ratio Lower Upper

83 100

55 0.2 61.8 92.8#

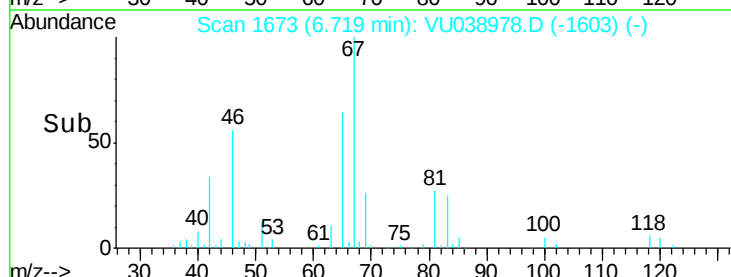
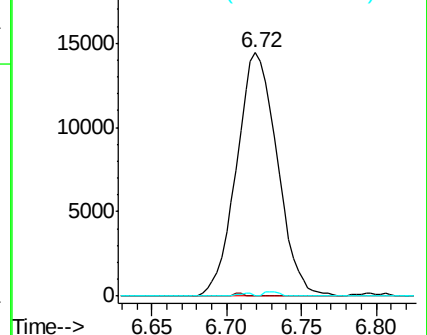
98 0.4 39.3 58.9#

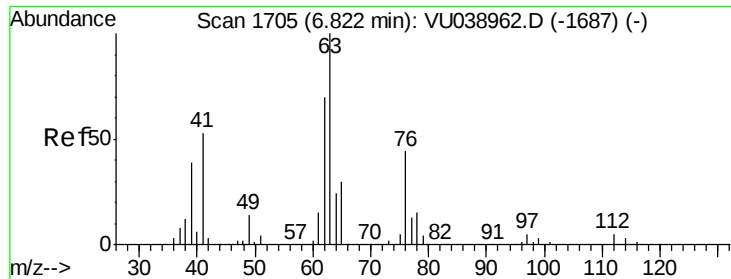


Abundance Ion 83.15 (82.85 to 83.85): VU038978.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU038978.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU038978.D (-1603) (-)

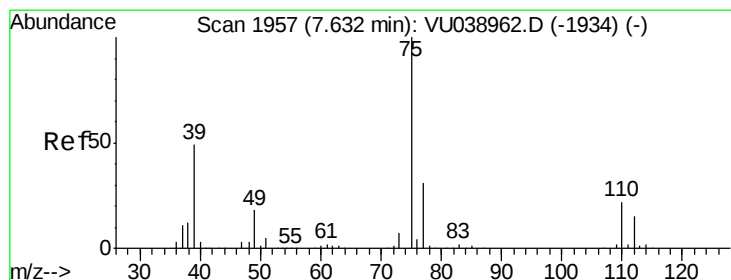
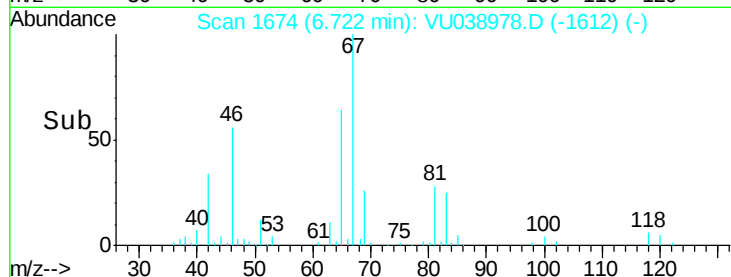
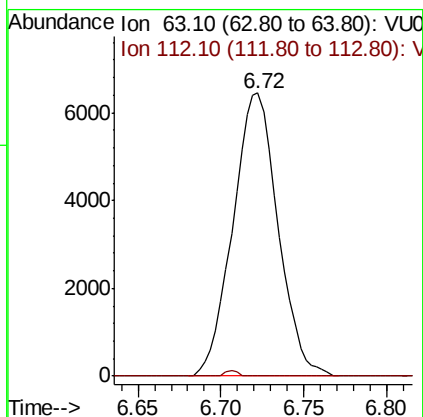
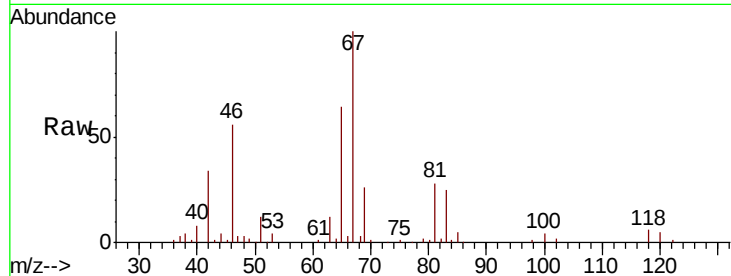




#37
 1,2-Dichloropropane
 Concen: 0.577 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038978.D
 Acq: 18 Jun 2020 18:23

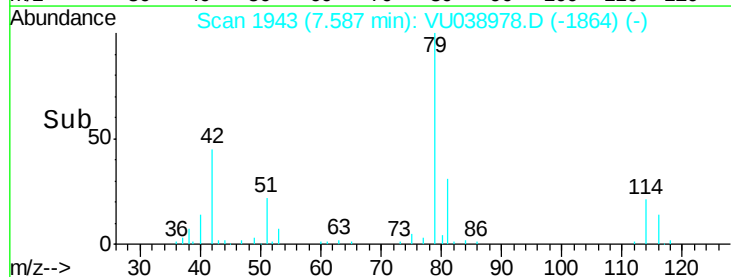
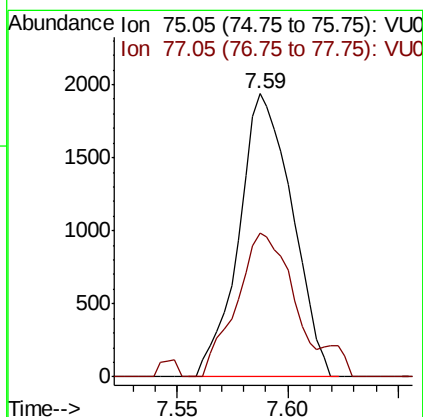
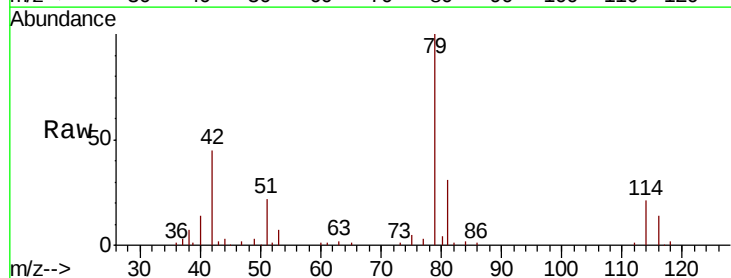
Instrument :
 MSVOA_U
 ClientSampleId :
 F9L44

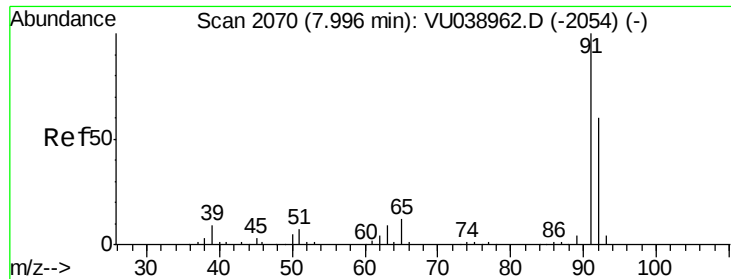
Tot Ion: 63 Resp: 12180
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038978.D
 Acq: 18 Jun 2020 18:23

Tgt Ion: 75 Resp: 3251
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.4 41.6#





#42

Toluene

Concen: 0.083 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038978.D

Acq: 18 Jun 2020 18:23

Instrument :

MSVOA_U

ClientSampleId :

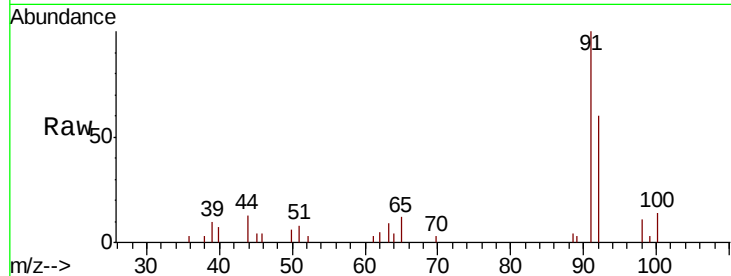
F9L44

Tot Ion: 91 Resp: 6949

Ion Ratio Lower Upper

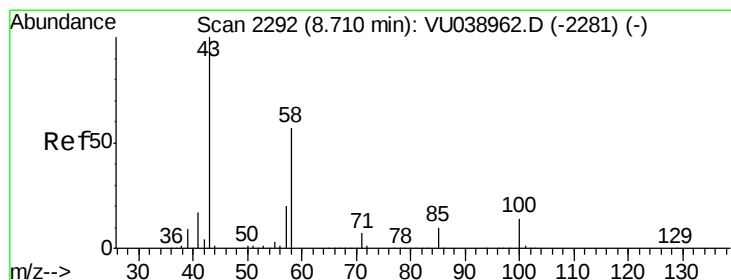
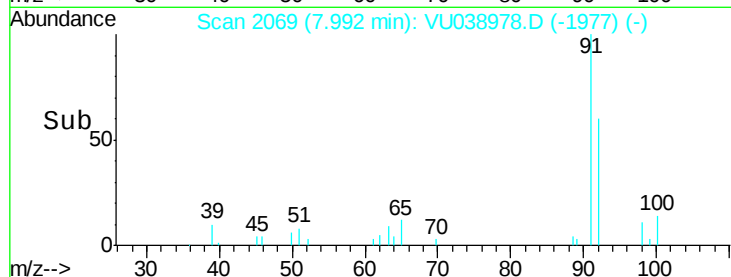
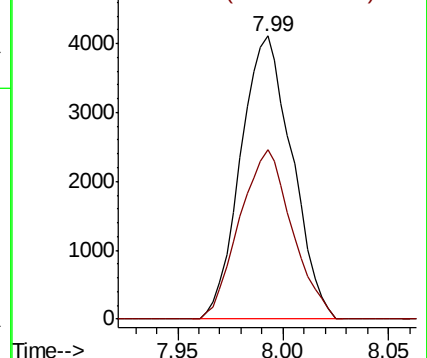
91 100

92 59.9 41.6 77.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#48

2-Hexanone

Concen: 3.134 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.05 min

Lab File: VU038978.D

Acq: 18 Jun 2020 18:23

Tgt Ion: 43 Resp: 34551

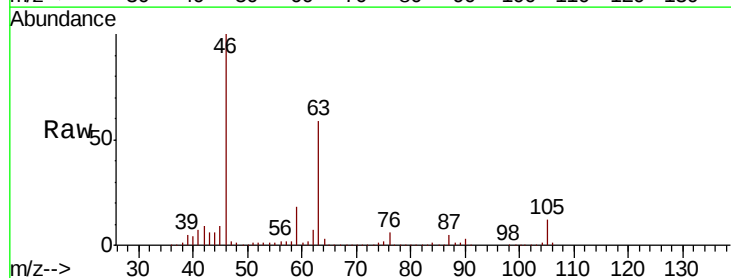
Ion Ratio Lower Upper

43 100

58 39.6 45.2 67.8#

57 36.7 16.1 24.1#

100 1.0 10.9 16.3#

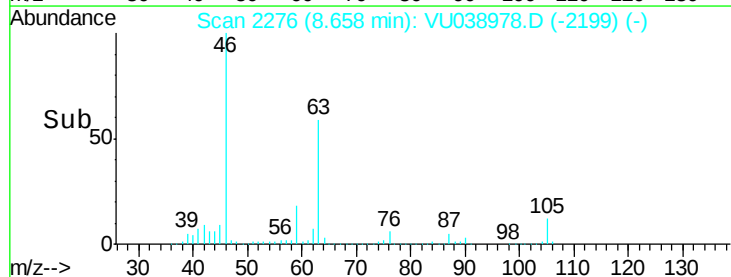
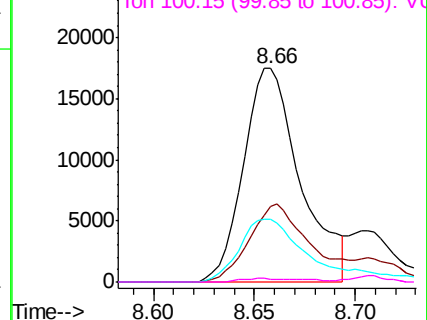


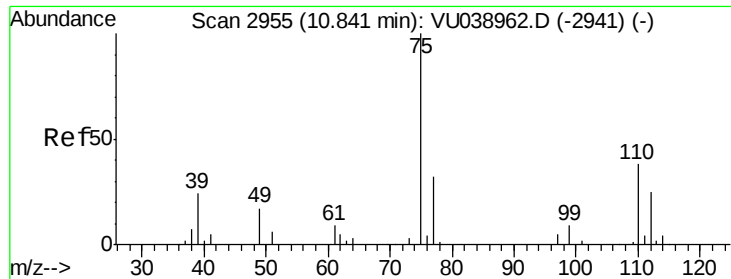
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.151 ug/L

RT: 10.54 min Scan# 2860

Delta R.T. -0.31 min

Lab File: VU038978.D

Acq: 18 Jun 2020 18:23

Instrument :

MSVOA_U

ClientSampleId :

F9L44

Tot Ion: 75 Resp: 2457

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

