

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
 Data File : VU038109.D
 Acq On : 11 May 2020 16:20
 Operator : JC/MD
 Sample : L2578-02DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF1DL

Quant Time: May 12 01:13:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 12 01:10:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	787394	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	758137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	363981	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	215127	31.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.12%
7) Chloroethane-d5	1.93	69	207574	36.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.68%
11) 1,1-Dichloroethene-d2	2.59	63	297728	26.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.56%#
21) 2-Butanone-d5	4.66	46	508553	93.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.95%
24) Chloroform-d	5.10	84	416480	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.66%
26) 1,2-Dichloroethane-d4	5.74	65	295410	39.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.30%
32) Benzene-d6	5.76	84	885504	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.26%
36) 1,2-Dichloropropane-d6	6.72	67	305177	41.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.38%
41) Toluene-d8	7.92	98	784814	38.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.58%#
43) trans-1,3-Dichloropropene-	8.20	79	134453	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
47) 2-Hexanone-d5	8.65	63	338882	105.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.17%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	443917	41.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.16%
64) 1,2-Dichlorobenzene-d4	12.20	152	306542	40.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.56%

Target Compounds

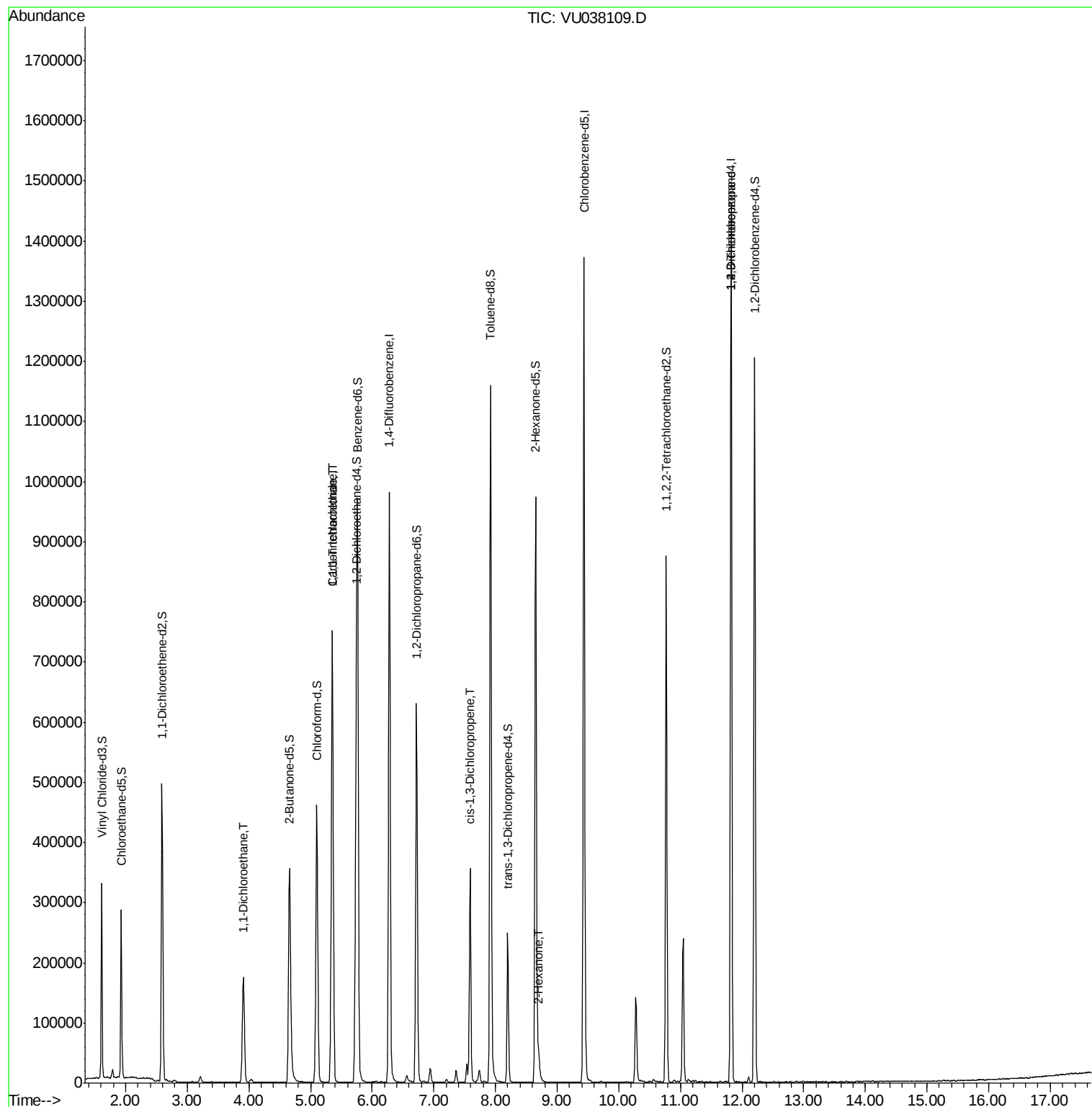
					Ovalue
19) 1,1-Dichloroethane	3.91	63	210924	19.017	ug/L 99
30) 1,1,1-Trichloroethane	5.35	97	537680	63.803	ug/L # 54
31) Carbon tetrachloride	5.35	117	69643	10.469	ug/L 100
39) cis-1,3-Dichloropropene	7.59	75	7796	0.803	ug/L # 67
48) 2-Hexanone	8.70	43	26736	3.160	ug/L 94
59) 1,2,3-Trichloropropane	11.82	75	48920	5.568	ug/L 93

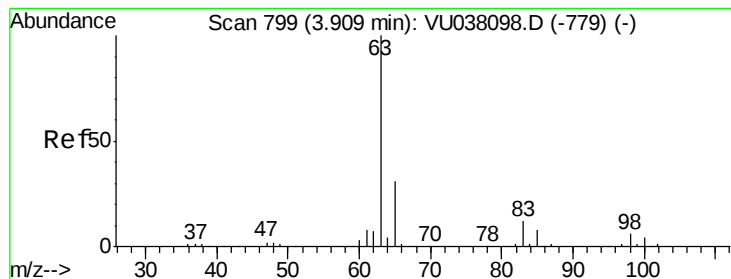
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue May 12 01:10:23 2020
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 19.017 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU038109.D

Acq: 11 May 2020 16:20

Instrument :

MSVOA_U

ClientSampleId :

BFSF1DL

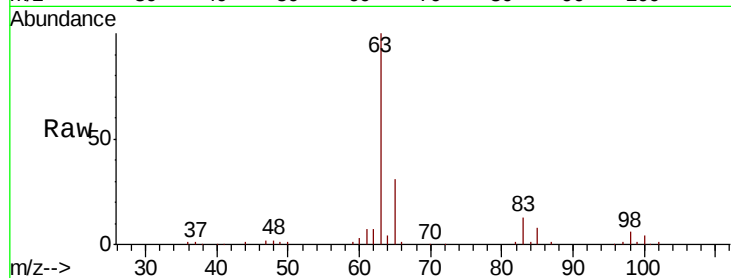
Tot Ion: 63 Resp: 210924

Ion Ratio Lower Upper

63 100

65 31.5 22.5 41.7

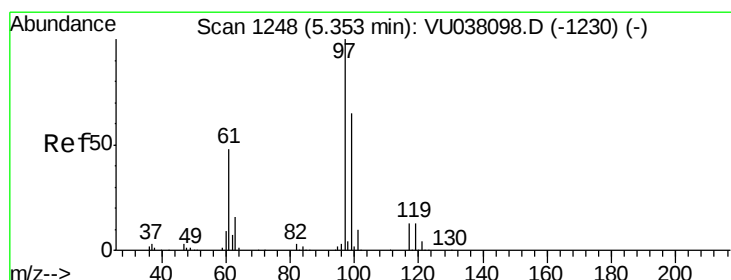
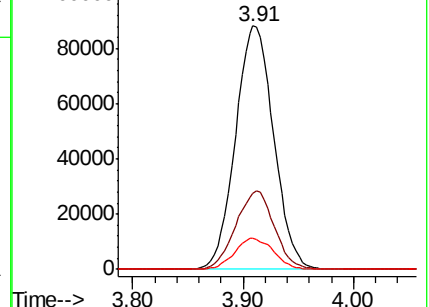
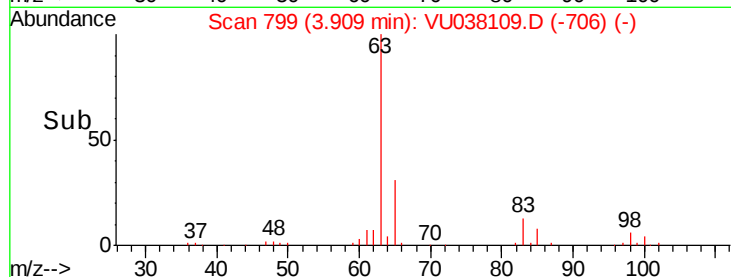
83 12.9 8.5 15.7



Abundance Ion 63.00 (62.70 to 63.70): VU038109.D (-779) (-)

Ion 65.00 (64.70 to 65.70): VU038109.D (-779) (-)

Ion 83.00 (82.70 to 83.70): VU038109.D (-779) (-)



#30

1,1,1-Trichloroethane

Concen: 63.803 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU038109.D

Acq: 11 May 2020 16:20

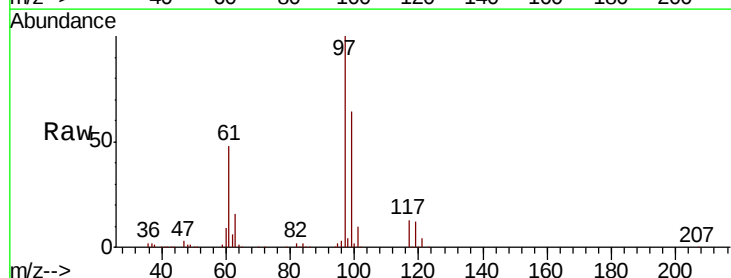
Tgt Ion: 97 Resp: 537680

Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7#

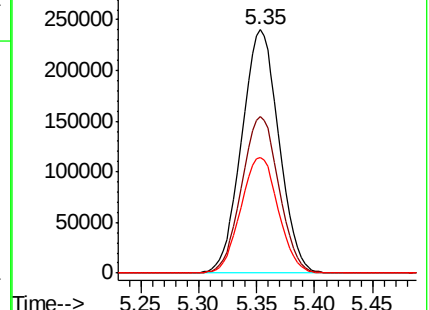
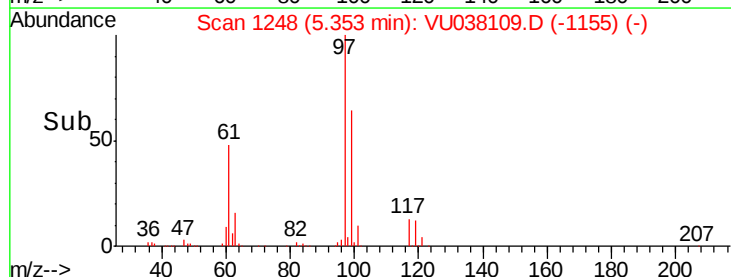
61 47.9 38.8 58.2

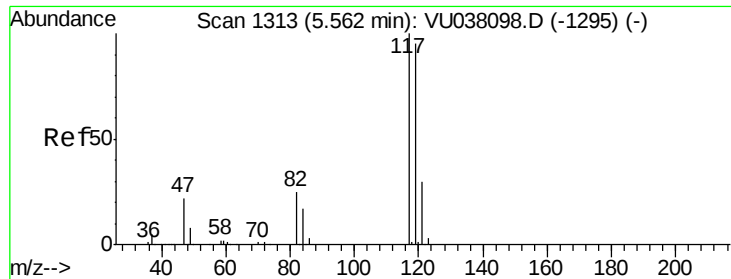


Abundance Ion 97.00 (96.70 to 97.70): VU038109.D (-1230) (-)

Ion 99.00 (98.70 to 99.70): VU038109.D (-1230) (-)

Ion 61.05 (60.75 to 61.75): VU038109.D (-1230) (-)





#31

Carbon tetrachloride

Concen: 10.469 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.21 min

Lab File: VU038109.D

Acq: 11 May 2020 16:20

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MSVOA_U

ClientSampleId :

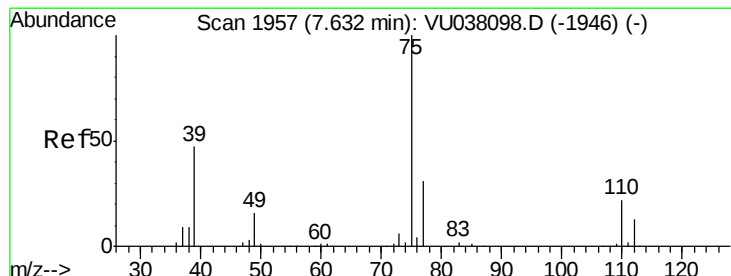
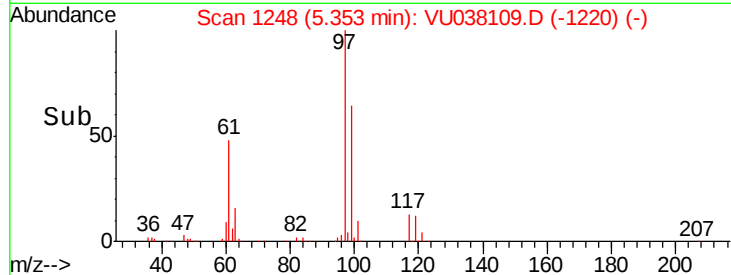
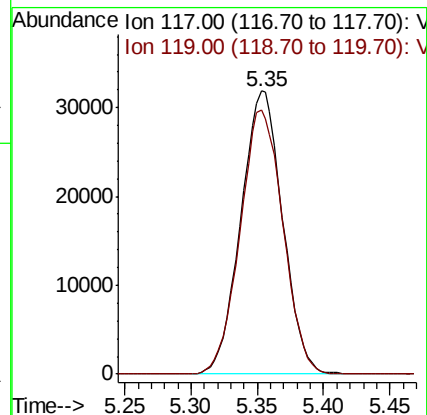
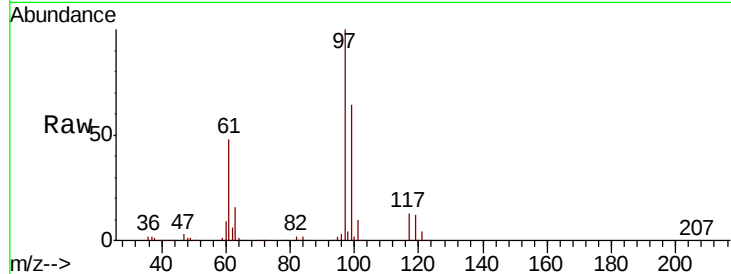
BFSF1DL

Tot Ion:117 Resp: 69643

Ion Ratio Lower Upper

117 100

119 95.5 76.7 115.1



#39

cis-1,3-Dichloropropene

Concen: 0.803 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038109.D

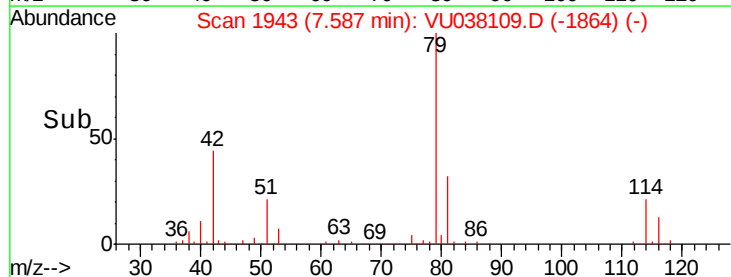
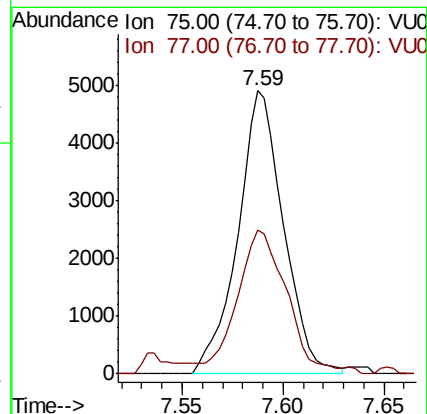
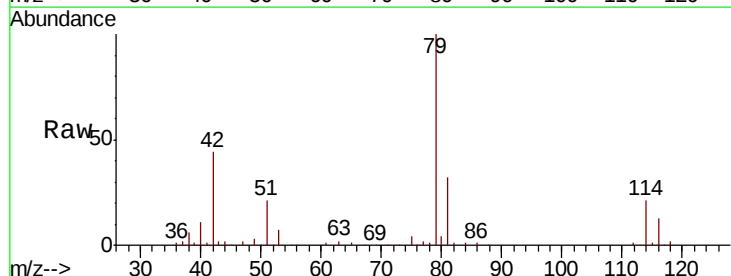
Acq: 11 May 2020 16:20

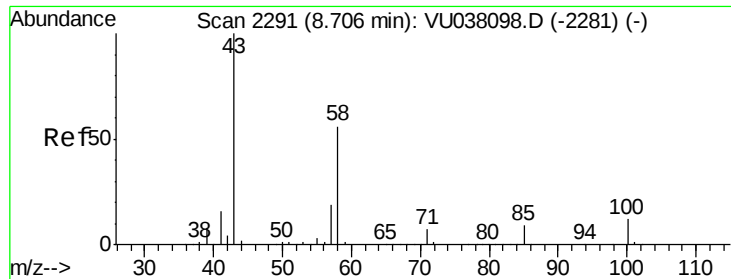
Tgt Ion: 75 Resp: 7796

Ion Ratio Lower Upper

75 100

77 50.8 22.6 42.0#

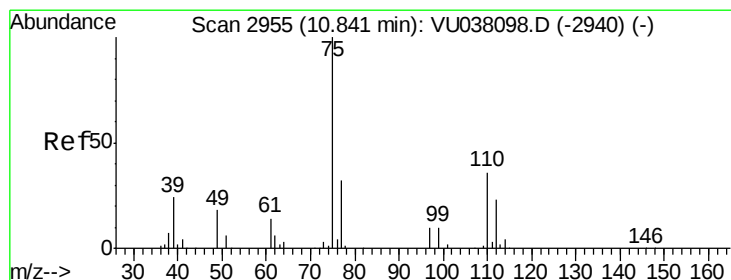
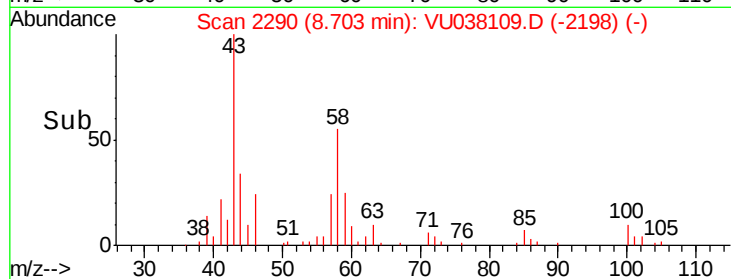
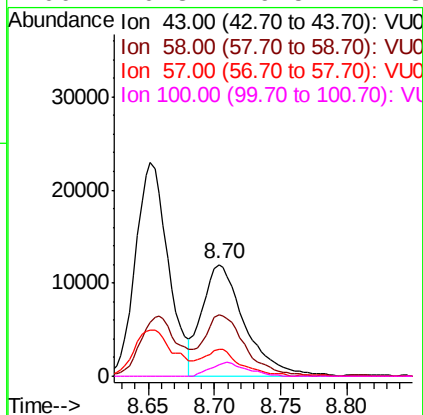
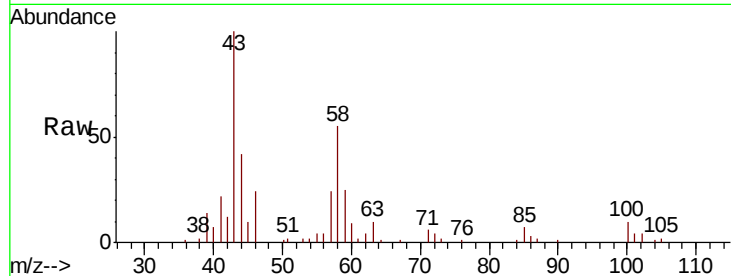




#48
 2-Hexanone
 Concen: 3.160 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU038109.D
 Acq: 11 May 2020 16:20

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF1DL

Tot Ion:	43	Resp:	26736
Ion	Ratio	Lower	Upper
43	100		
58	53.1	46.4	69.6
57	18.0	16.4	24.6
100	10.3	9.5	14.3



#59
 1,2,3-Trichloropropane
 Concen: 5.568 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038109.D
 Acq: 11 May 2020 16:20

Tgt Ion:	75	Resp:	48920
Ion	Ratio	Lower	Upper
75	100		
77	35.9	25.4	38.2

