

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
 Data File : VU038108.D
 Acq On : 11 May 2020 15:58
 Operator : JC/MD
 Sample : L2578-01DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSE9DL

Quant Time: May 12 01:13:04 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	740167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	713448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	342696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	213732	32.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.66%
7) Chloroethane-d5	1.93	69	205022	38.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.42%
11) 1,1-Dichloroethene-d2	2.59	63	295033	27.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.40%#
21) 2-Butanone-d5	4.66	46	493443	96.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.97%
24) Chloroform-d	5.10	84	406305	40.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.74	65	292191	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.44%
32) Benzene-d6	5.76	84	869485	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.70%
36) 1,2-Dichloropropane-d6	6.72	67	296069	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.92%
41) Toluene-d8	7.92	98	767347	39.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.56%#
43) trans-1,3-Dichloropropene-	8.20	79	131120	40.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.20%
47) 2-Hexanone-d5	8.65	63	337239	111.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.21%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	434965	43.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.58%
64) 1,2-Dichlorobenzene-d4	12.20	152	302923	42.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.56%

Target Compounds

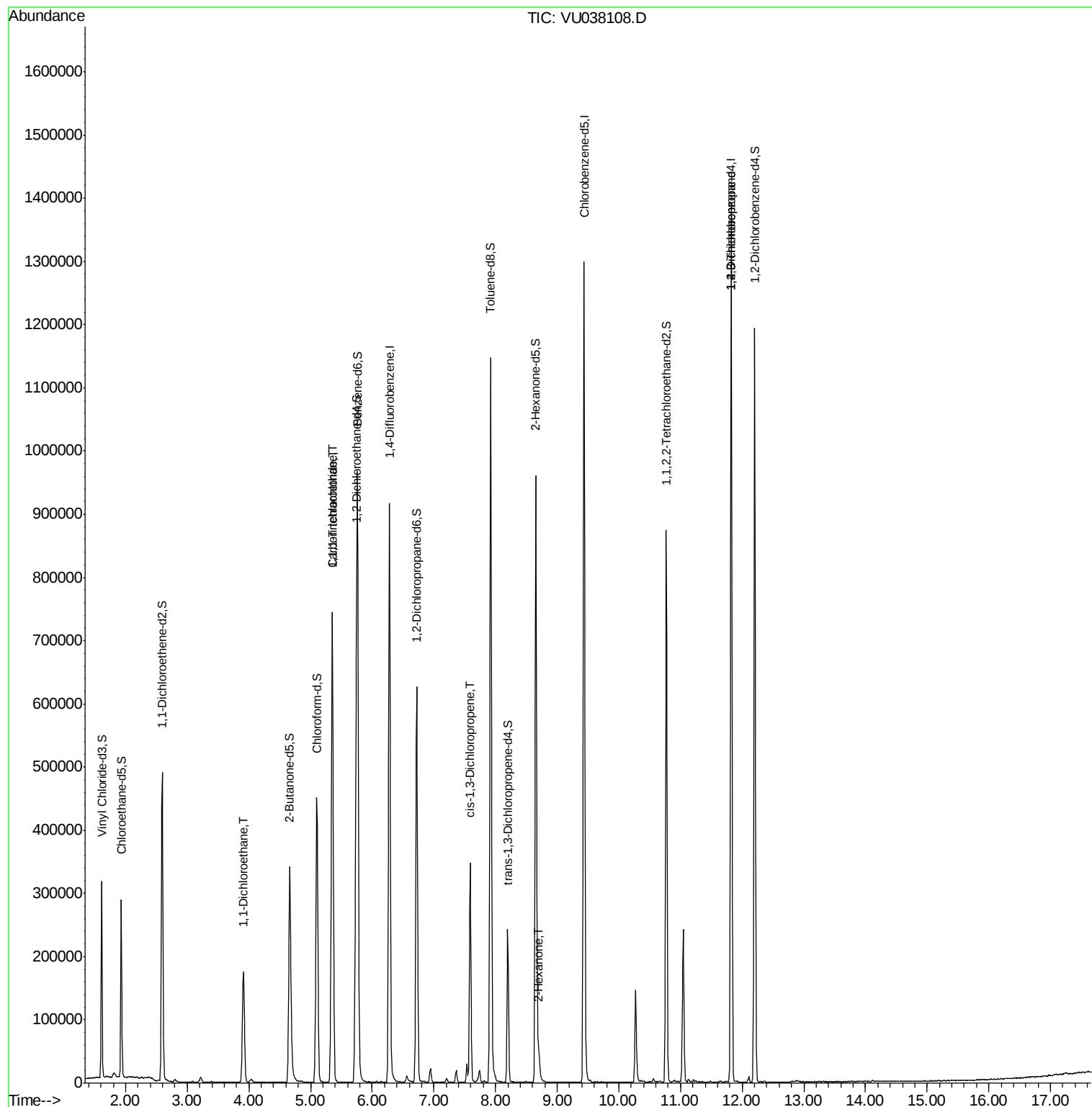
					Ovalue
19) 1,1-Dichloroethane	3.91	63	206542	19.810	ug/L 99
30) 1,1,1-Trichloroethane	5.35	97	532186	67.106	ug/L 99
31) Carbon tetrachloride	5.35	117	71018	11.344	ug/L 96
39) cis-1,3-Dichloropropene	7.59	75	7719	0.844	ug/L # 71
48) 2-Hexanone	8.71	43	25562	3.210	ug/L # 78
59) 1,2,3-Trichloropropane	11.82	75	45605	5.516	ug/L 91

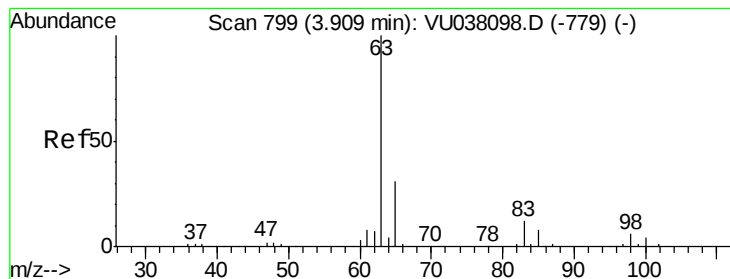
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 19.810 ug/L

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU038108.D

Acq: 11 May 2020 15:58

Instrument :

MSVOA_U

ClientSampled :

BFSE9DL

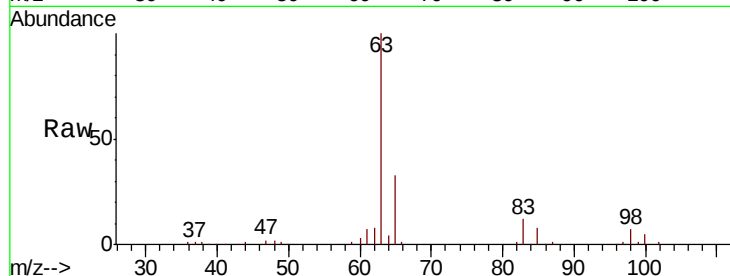
Tot Ion: 63 Resp: 206542

Ion Ratio Lower Upper

63 100

65 33.1 22.5 41.7

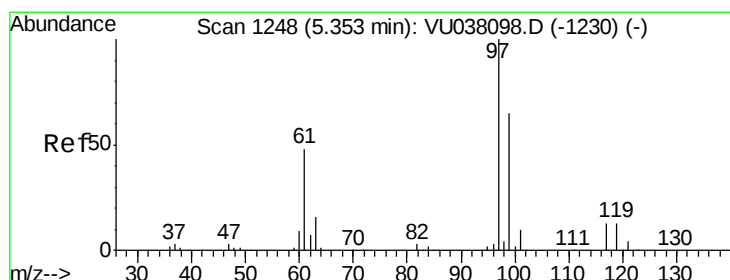
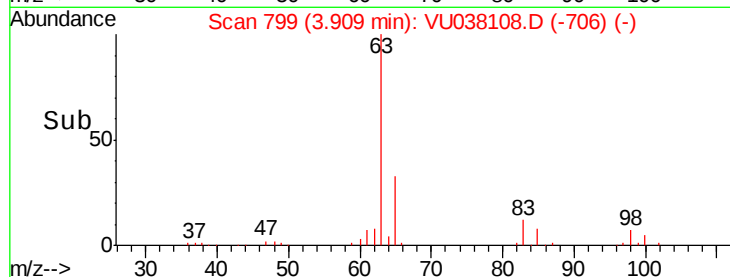
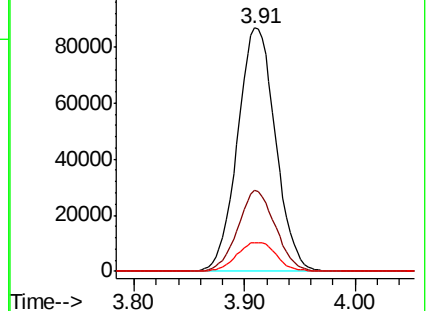
83 12.0 8.5 15.7



Abundance Ion 63.00 (62.70 to 63.70): VU038108.D (-779) (-)

Ion 65.00 (64.70 to 65.70): VU038108.D (-779) (-)

Ion 83.00 (82.70 to 83.70): VU038108.D (-779) (-)



#30

1,1,1-Trichloroethane

Concen: 67.106 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU038108.D

Acq: 11 May 2020 15:58

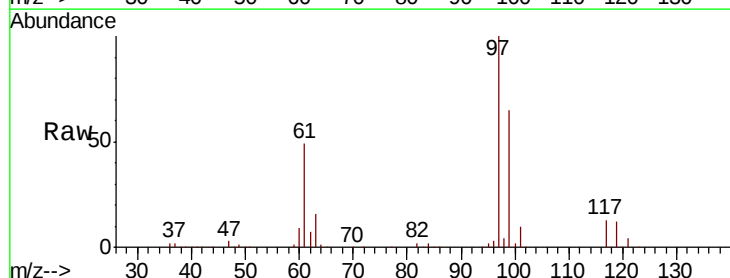
Tgt Ion: 97 Resp: 532186

Ion Ratio Lower Upper

97 100

99 63.7 50.5 75.7

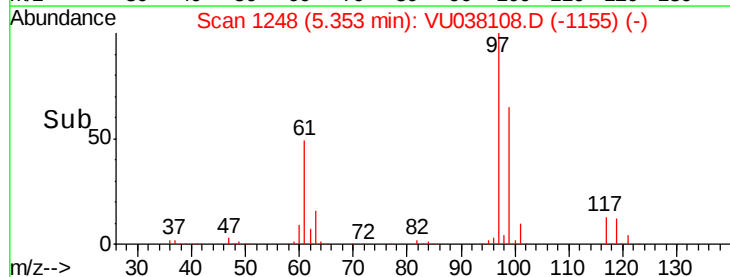
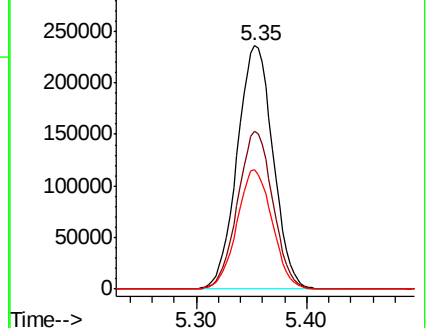
61 48.4 38.8 58.2

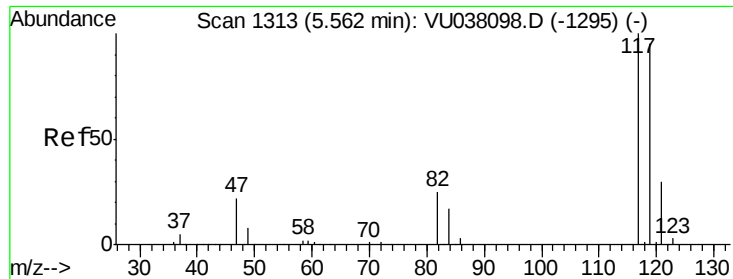


Abundance Ion 97.00 (96.70 to 97.70): VU038108.D (-1230) (-)

Ion 99.00 (98.70 to 99.70): VU038108.D (-1230) (-)

Ion 61.05 (60.75 to 61.75): VU038108.D (-1230) (-)

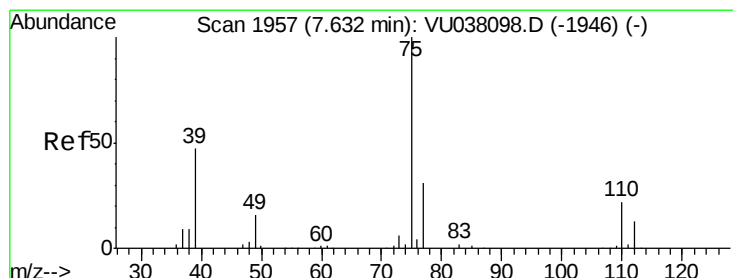
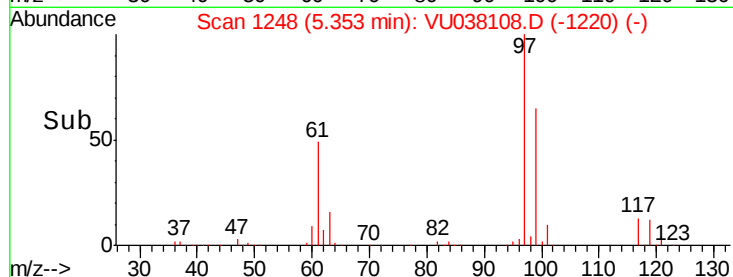
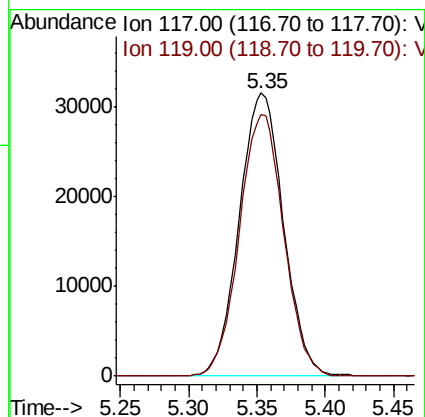
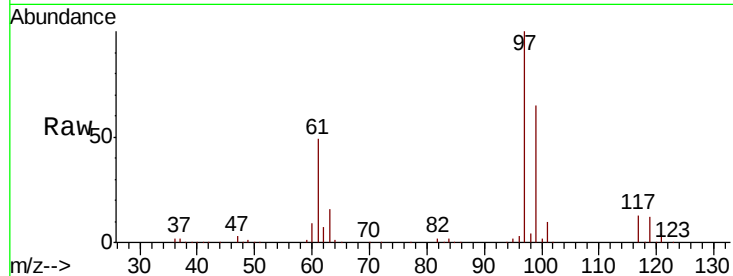




#31
Carbon tetrachloride
Concen: 11.344 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.21 min
Lab File: VU038108.D
Acq: 11 May 2020 15:58

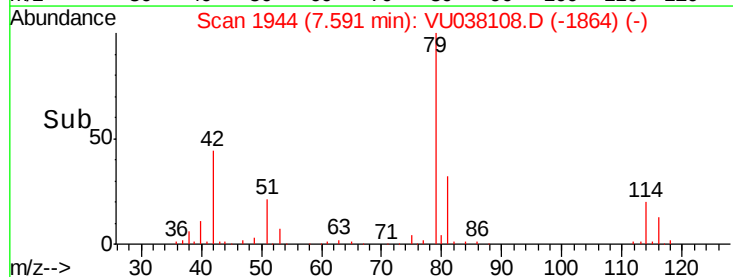
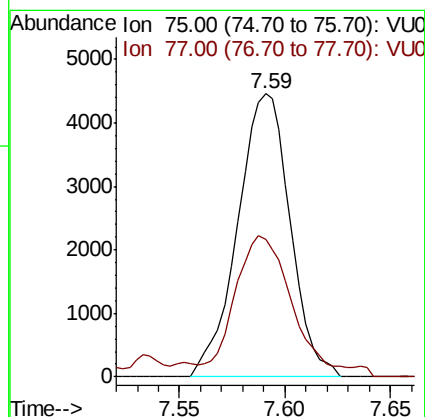
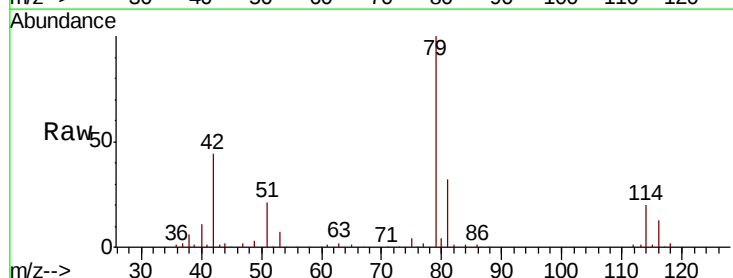
Instrument :
MSVOA_U
ClientSampled :
BFSE9DL

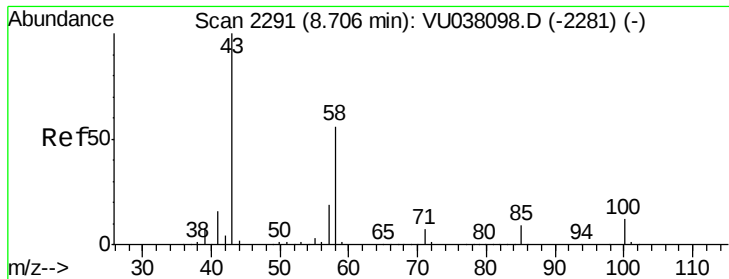
Tot Ion:117 Resp: 71018
Ion Ratio Lower Upper
117 100
119 92.4 76.7 115.1



#39
cis-1,3-Dichloropropene
Concen: 0.844 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038108.D
Acq: 11 May 2020 15:58

Tgt Ion: 75 Resp: 7719
Ion Ratio Lower Upper
75 100
77 48.4 22.6 42.0#

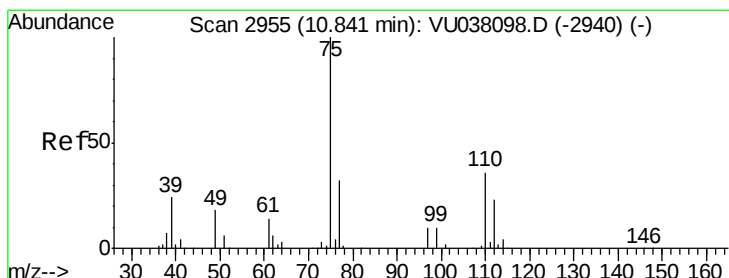
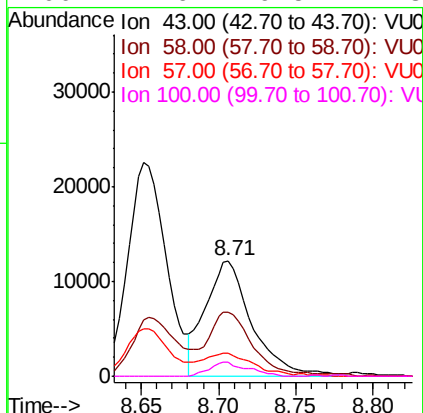
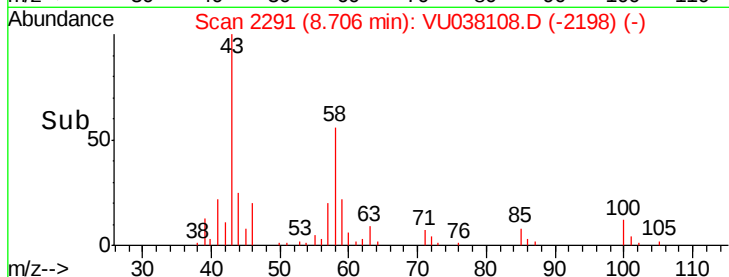
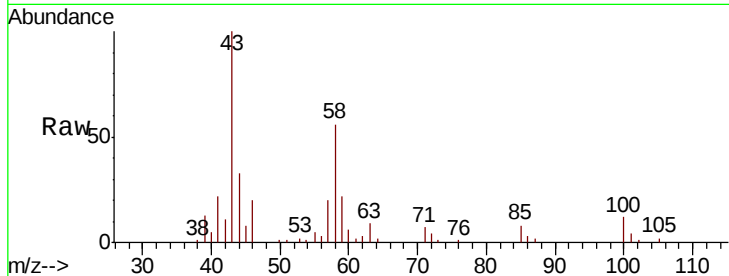




#48
2-Hexanone
Concen: 3.210 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038108.D
Acq: 11 May 2020 15:58

Instrument :
MSVOA_U
ClientSampleId :
BFSE9DL

Tot Ion: 43 Resp: 25562
Ion Ratio Lower Upper
43 100
58 45.4 46.4 69.6#
57 0.0 16.4 24.6#
100 7.6 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 5.516 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038108.D
Acq: 11 May 2020 15:58

Tgt Ion: 75 Resp: 45605
Ion Ratio Lower Upper
75 100
77 36.9 25.4 38.2

