

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060520\
 Data File : VU038601.D
 Acq On : 06 Jun 2020 04:50
 Operator : SY/MD
 Sample : L2910-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D21

Quant Time: Jun 06 06:23:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 06:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	302862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	296932	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	140226	5.00	ug/L	0.00

System Monitoring Compounds

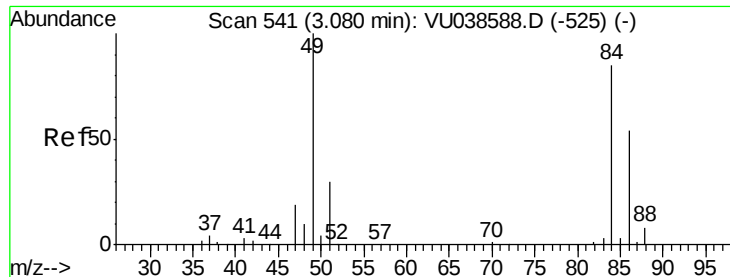
4) Vinyl Chloride-d3	1.61	65	61944	3.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.20%
7) Chloroethane-d5	1.93	69	59236	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.59	63	105825	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.68	46	314036	52.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	5.10	84	169382	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	101488	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.76	84	327550	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.72	67	105248	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.92	98	278413	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.20	79	39720	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.65	63	271553	56.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94781	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	117551	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Ovalue
16) Methylene chloride	3.08	84	5376	0.255 ug/L	96
27) 1,2-Dichloroethane	5.83	62	5763	0.224 ug/L #	93
35) Methylcyclohexane	6.72	83	24968	0.750 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	11575	0.556 ug/L #	86
38) Bromodichloromethane	7.14	83	6985	0.270 ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	2868	0.093 ug/L #	42
48) 2-Hexanone	8.71	43	11277	0.999 ug/L #	92
59) 1,2,3-Trichloropropane	11.83	75	17820	1.146 ug/L	89

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

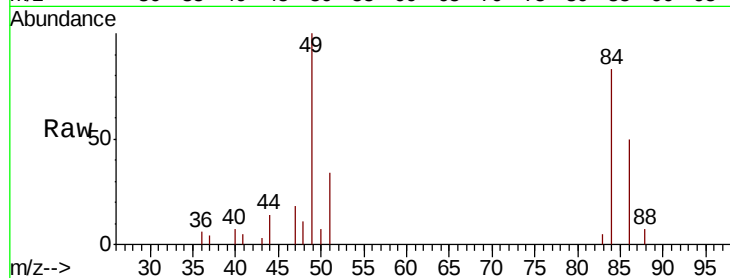
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038601.D
Acq On : 06 Jun 2020 04:50
Operator : SY/MD
Sample : L2910-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1



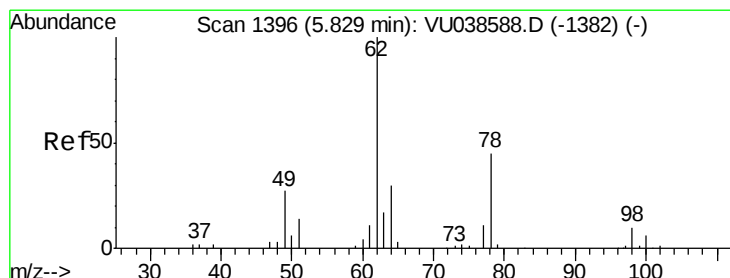
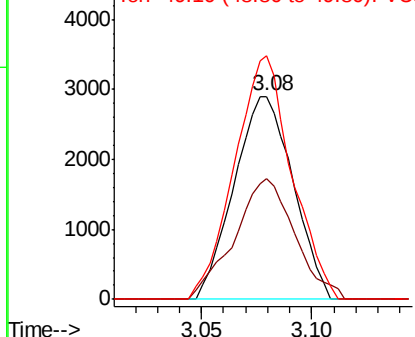
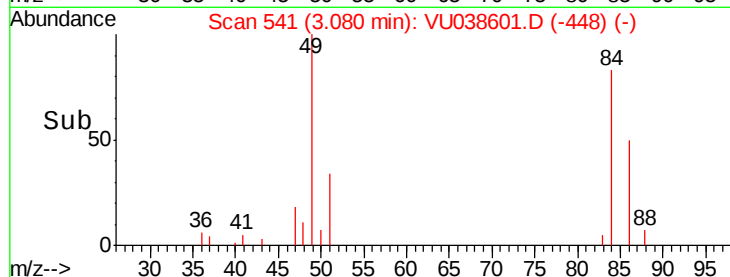
#16
Methvlene chloride
Concen: 0.255 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038601.D
Acq: 06 Jun 2020 04:50

Instrument :
MSVOA_U
ClientSampleId :
F9D21

Tot Ion: 84 Resp: 5376
Ion Ratio Lower Upper
84 100
86 59.4 45.0 83.6
49 119.8 85.5 158.9

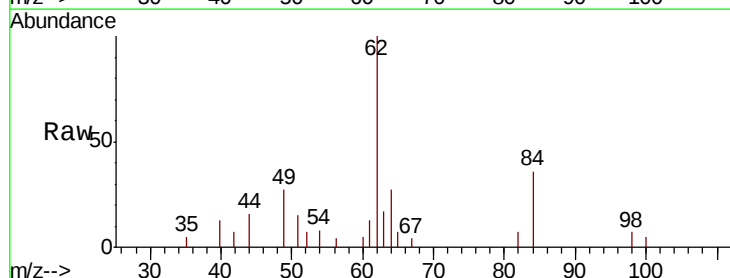


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

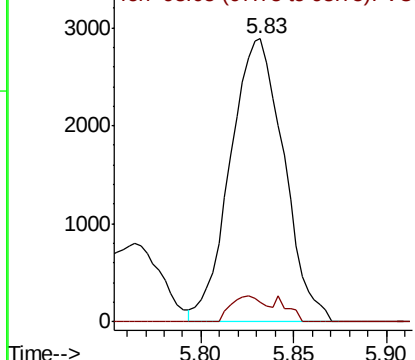
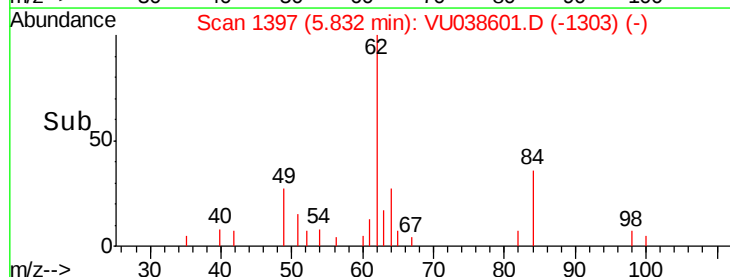


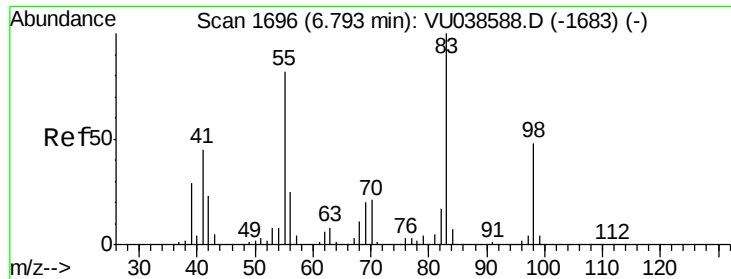
#27
1,2-Dichloroethane
Concen: 0.224 ug/L
RT: 5.83 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU038601.D
Acq: 06 Jun 2020 04:50

Tgt Ion: 62 Resp: 5763
Ion Ratio Lower Upper
62 100
98 6.8 7.4 11.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

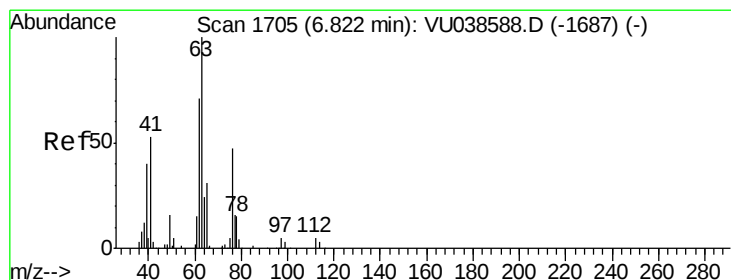
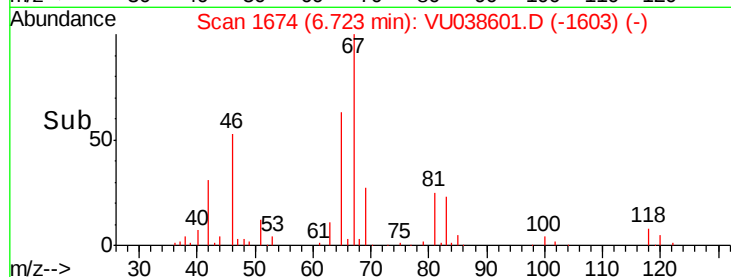
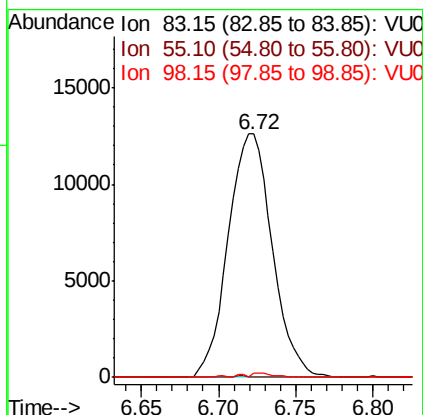
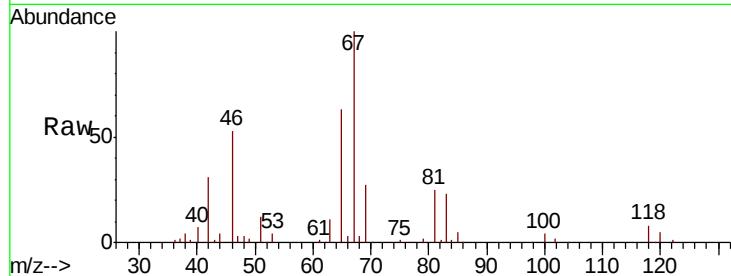




#35
Methvlcvclohexane
Concen: 0.750 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038601.D
Acq: 06 Jun 2020 04:50

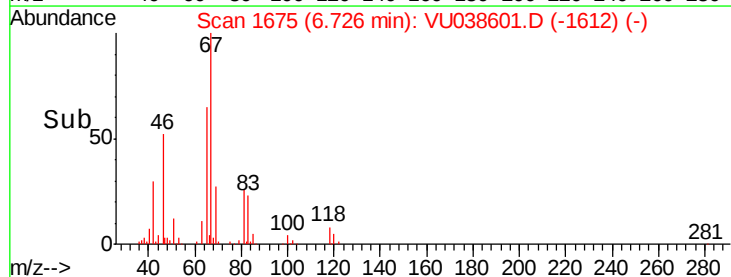
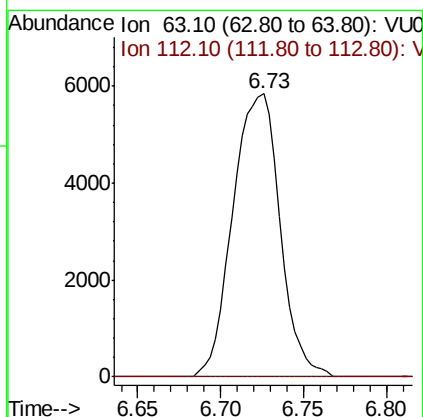
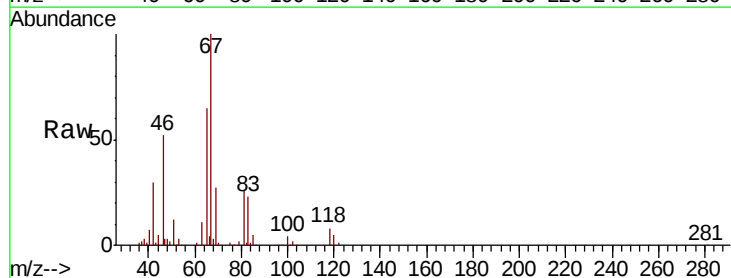
Instrument :
MSVOA_U
ClientSampleId :
F9D21

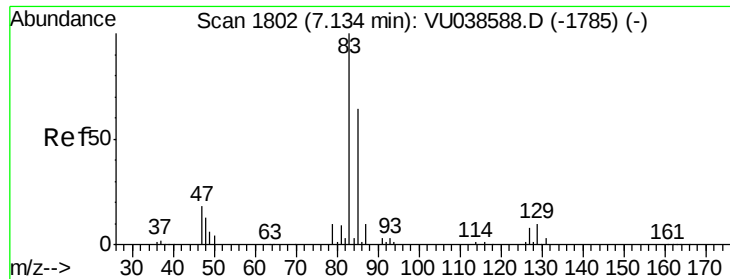
Tot Ion: 83 Resp: 24968
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 0.9 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU038601.D
Acq: 06 Jun 2020 04:50

Tgt Ion: 63 Resp: 11575
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

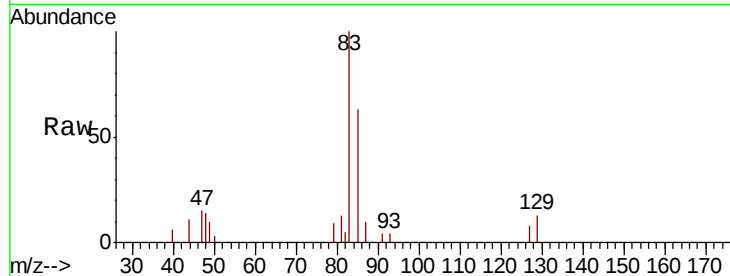




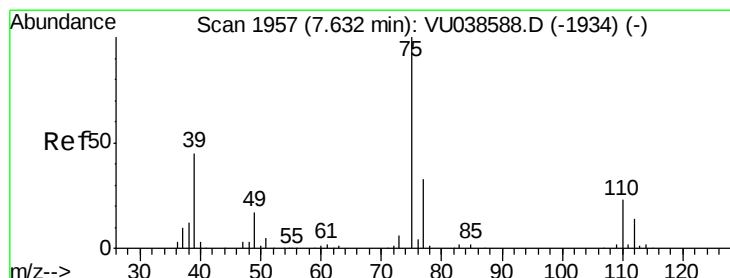
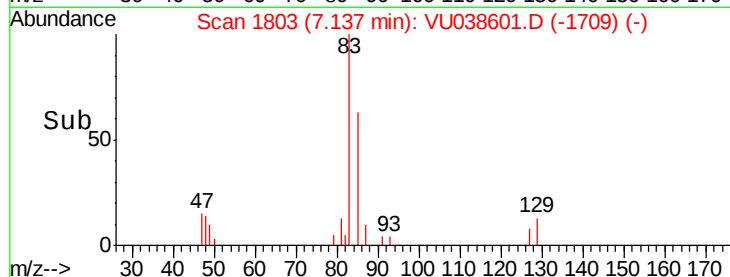
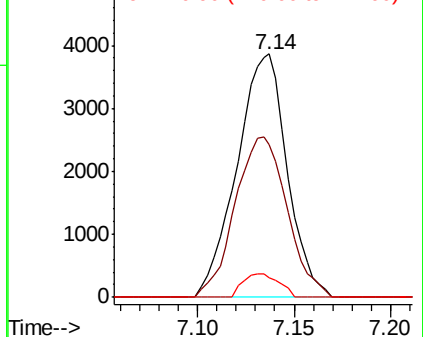
#38
Bromodichloromethane
Concen: 0.270 ug/L
RT: 7.14 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VU038601.D
Acq: 06 Jun 2020 04:50

Instrument :
MSVOA_U
ClientSampleId :
F9D21

Tot Ion: 83 Resp: 6985
Ion Ratio Lower Upper
83 100
85 62.7 44.7 83.1
127 8.2 6.8 10.2

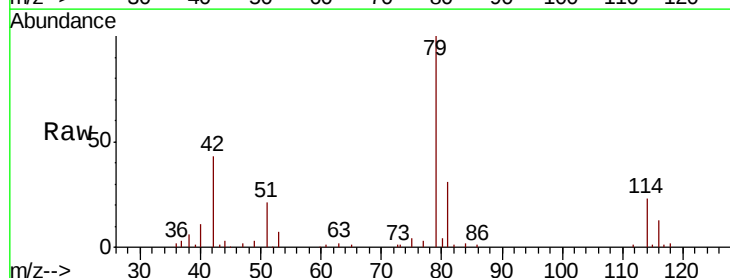


Abundance Ion 82.95 (82.65 to 83.65): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 126.90 (126.60 to 127.60): V

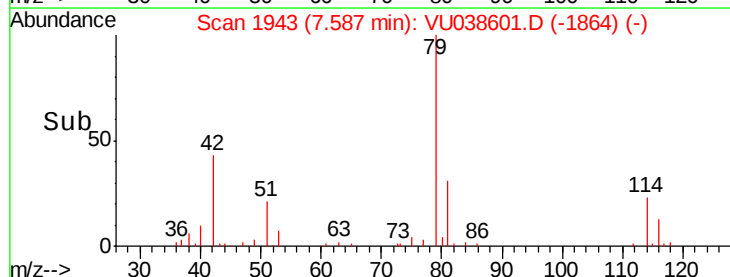
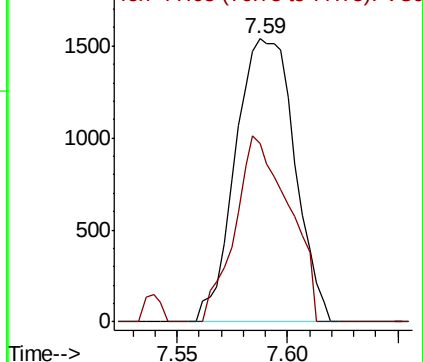


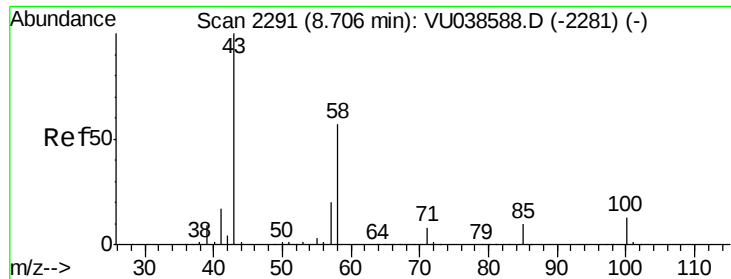
#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038601.D
Acq: 06 Jun 2020 04:50

Tgt Ion: 75 Resp: 2868
Ion Ratio Lower Upper
75 100
77 63.1 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0

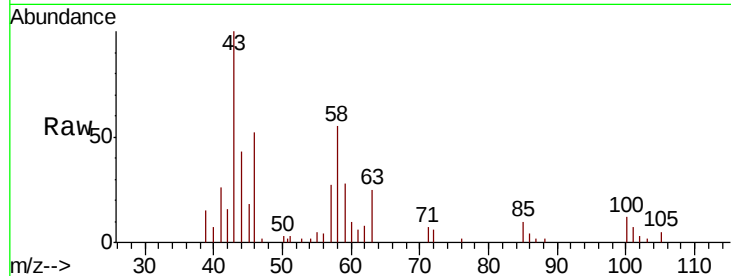




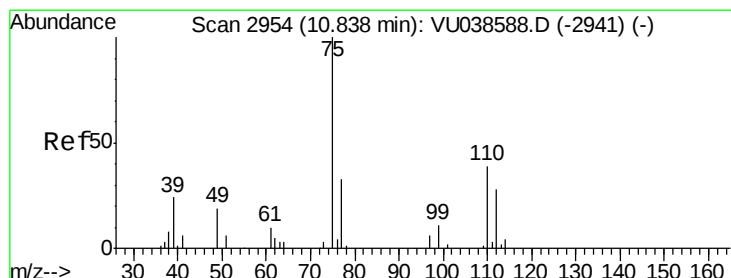
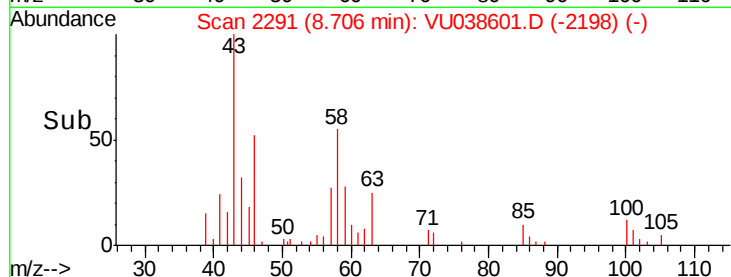
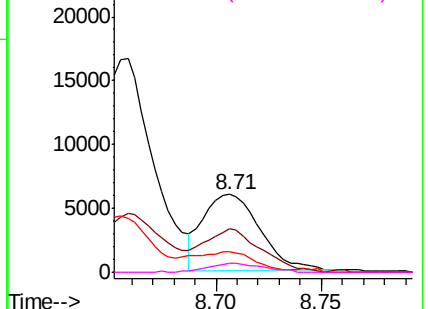
#48
2-Hexanone
Concen: 0.999 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038601.D
Acq: 06 Jun 2020 04:50

Instrument :
MSVOA_U
ClientSampleId :
F9D21

Tot Ion: 43 Resp: 11277
Ion Ratio Lower Upper
43 100
58 58.9 45.4 68.0
57 30.0 15.9 23.9#
100 11.1 10.5 15.7

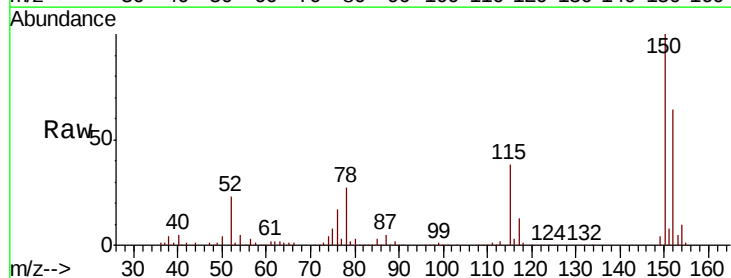


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 1.146 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU038601.D
Acq: 06 Jun 2020 04:50

Tgt Ion: 75 Resp: 17820
Ion Ratio Lower Upper
75 100
77 37.9 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

