

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038635.D
 Acq On : 06 Jun 2020 23:26
 Operator : SY/MD
 Sample : L2912-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D51

Quant Time: Jun 08 03:00:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	307134	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	305281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60417	3.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.80%
7) Chloroethane-d5	1.93	69	59787	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.59	63	105463	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.68	46	338276	56.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.04%
24) Chloroform-d	5.10	84	173420	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.74	65	104397	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	334882	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.72	67	109407	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.92	98	276256	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.20	79	39688	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.65	63	280128	56.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102129	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	121491	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

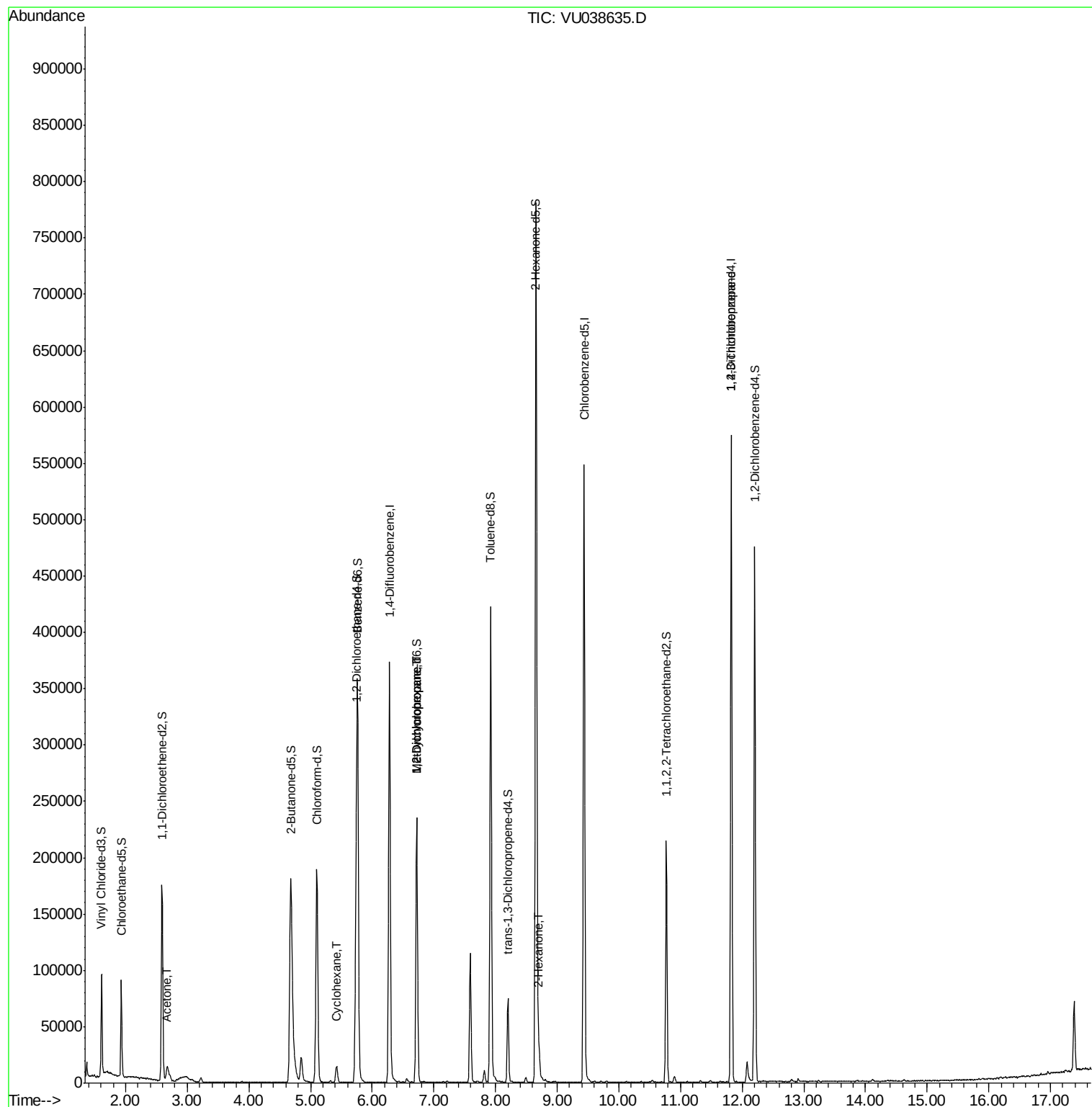
					Ovalue
13) Acetone	2.67	43	10417	2.636	ug/L 53
30) Cyclohexane	5.42	56	7282	0.215	ug/L 98
35) Methylcyclohexane	6.72	83	26520	0.775	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	12448	0.581	ug/L # 86
48) 2-Hexanone	8.71	43	11380	0.981	ug/L # 89
59) 1,2,3-Trichloropropane	11.82	75	18915	1.183	ug/L 93

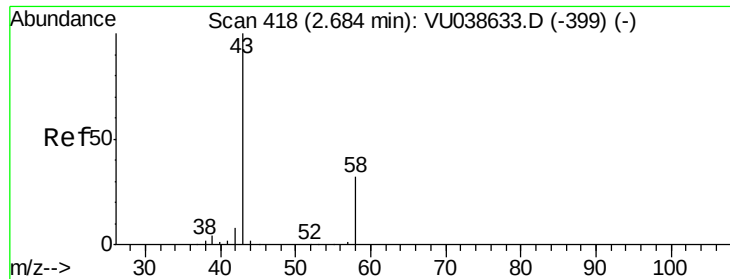
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.636 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU038635.D

Acq: 06 Jun 2020 23:26

Instrument :

MSVOA_U

ClientSampleId :

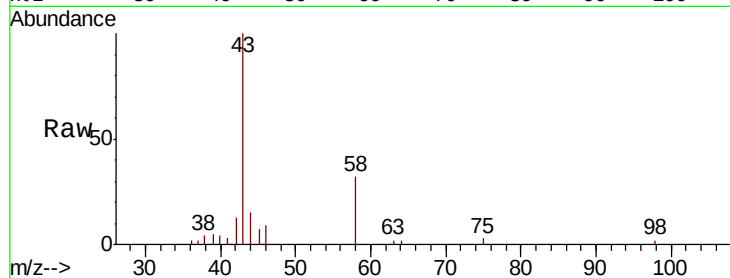
F9D51

Tot Ion: 43 Resp: 10417

Ion Ratio Lower Upper

43 100

58 59.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038633.D (-399) (-)

8000

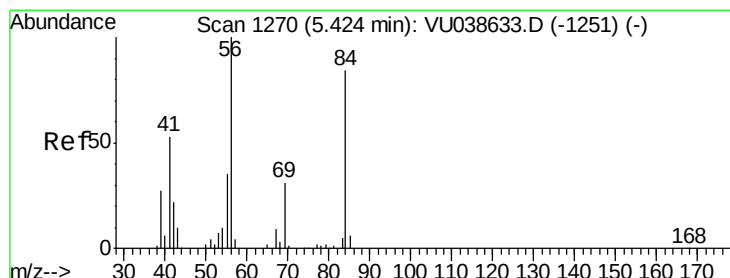
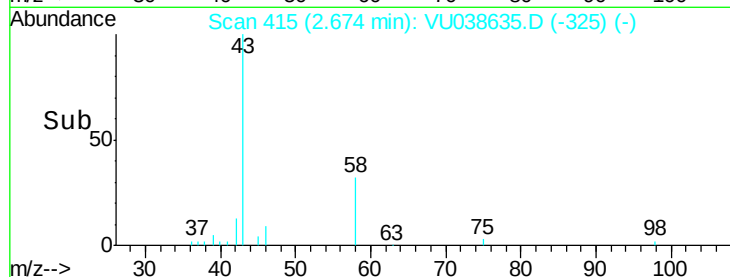
6000

4000

2000

0

Time--> 2.62 2.64 2.66 2.68



#30

Cyclohexane

Concen: 0.215 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU038635.D

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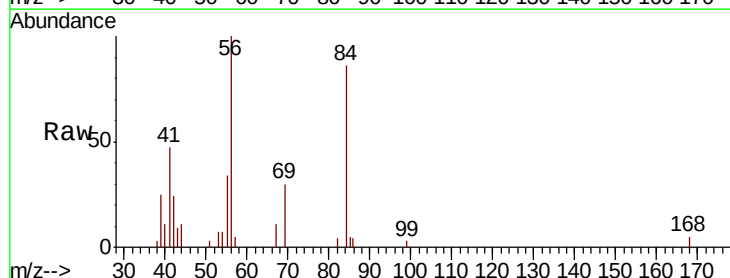
Tgt Ion: 56 Resp: 7282

Ion Ratio Lower Upper

56 100

69 29.7 24.2 36.4

84 91.3 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU038633.D (-1251) (-)

Ion 69.15 (68.85 to 69.85): VU038633.D (-1251) (-)

Ion 84.15 (83.85 to 84.85): VU038633.D (-1251) (-)

4000

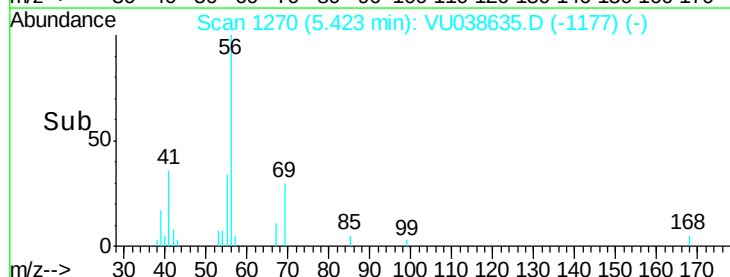
3000

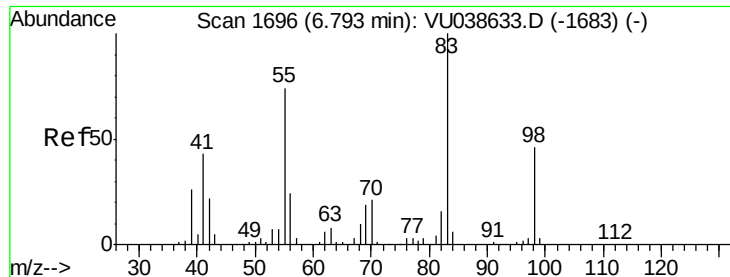
2000

1000

0

Time--> 5.35 5.40 5.45 5.50

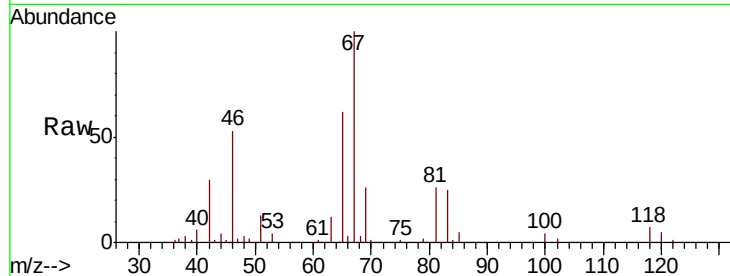




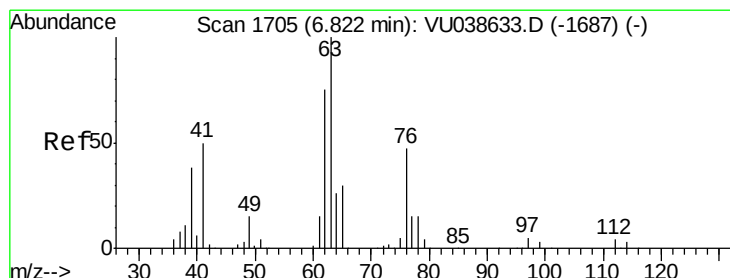
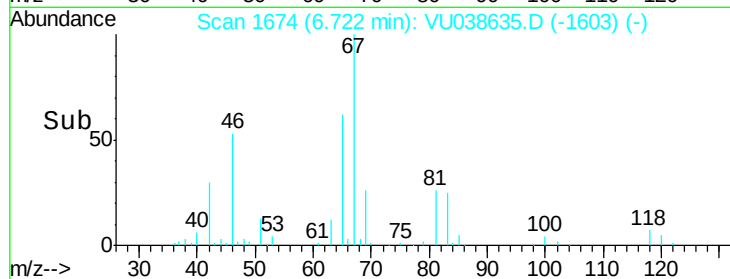
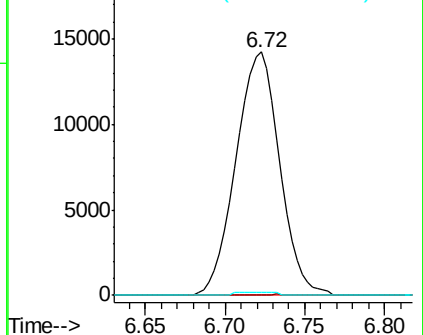
#35
Methylvlcyclohexane
Concen: 0.775 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038635.D
Acq: 06 Jun 2020 23:26

Instrument :
MSVOA_U
ClientSampled :
F9D51

Tot Ion: 83 Resp: 26520
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 0.8 39.0 58.4#

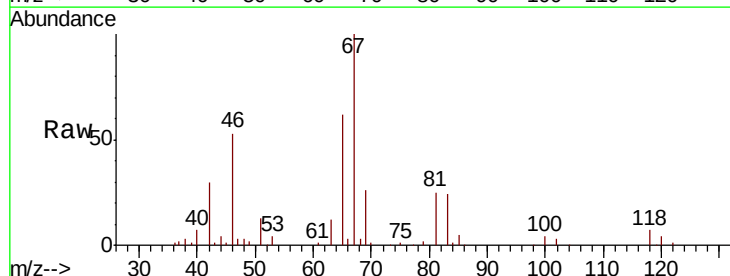


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

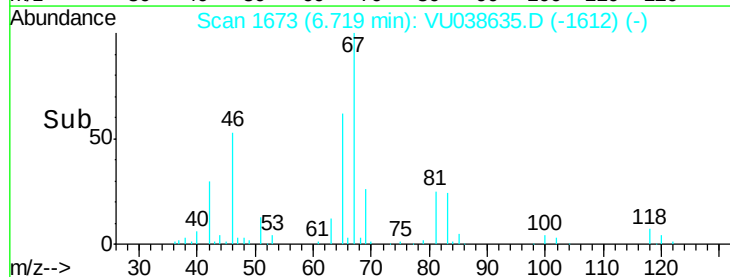
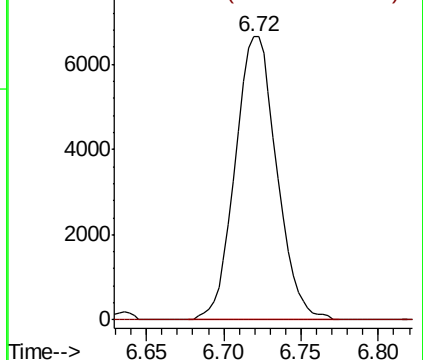


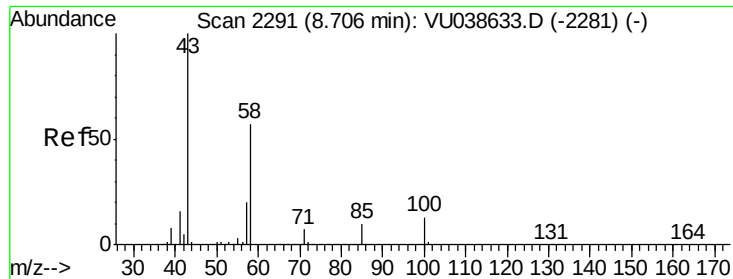
#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038635.D
Acq: 06 Jun 2020 23:26

Tgt Ion: 63 Resp: 12448
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

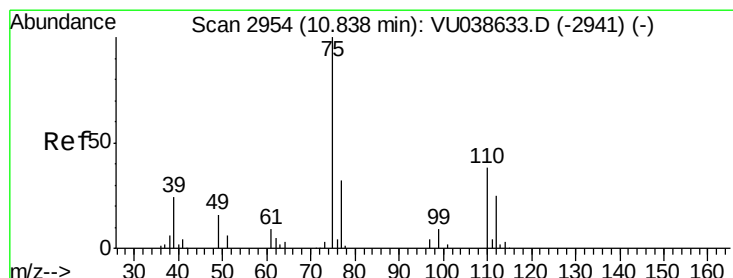
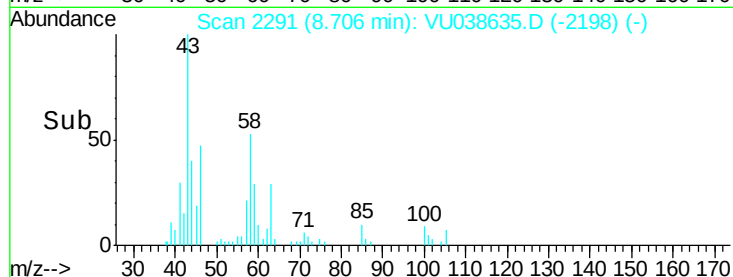
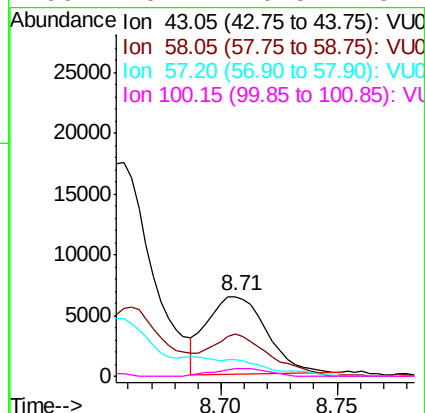
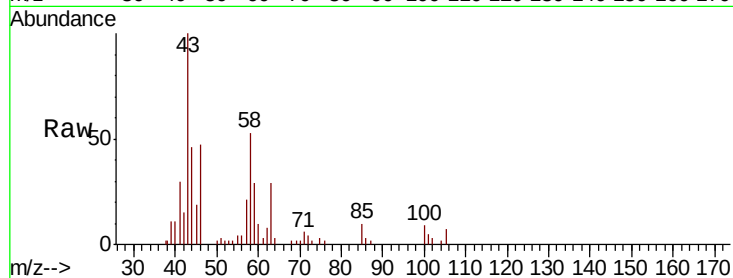




#48
2-Hexanone
Concen: 0.981 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038635.D
Acq: 06 Jun 2020 23:26

Instrument :
MSVOA_U
ClientSampleId :
F9D51

Tot Ion: 43 Resp: 11380
Ion Ratio Lower Upper
43 100
58 56.0 45.4 68.0
57 2.4 15.9 23.9#
100 9.1 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.183 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038635.D
Acq: 06 Jun 2020 23:26

Tgt Ion: 75 Resp: 18915
Ion Ratio Lower Upper
75 100
77 35.8 25.4 38.2

