

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039201.D
 Acq On : 29 Jun 2020 19:04
 Operator : SY/MD
 Sample : L3104-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q75

Quant Time: Jun 30 01:40:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	207203	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	210249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	91226	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	56570	2.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.60%
7) Chloroethane-d5	1.93	69	58415	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.59	63	92253	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	4.67	46	297044	51.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	5.10	84	148054	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.74	65	93727	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.76	84	269608	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.72	67	88974	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.92	98	205901	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.20	79	29122	2.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.80%
46) 2-Hexanone-d5	8.65	63	218023	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	83350	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	87800	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

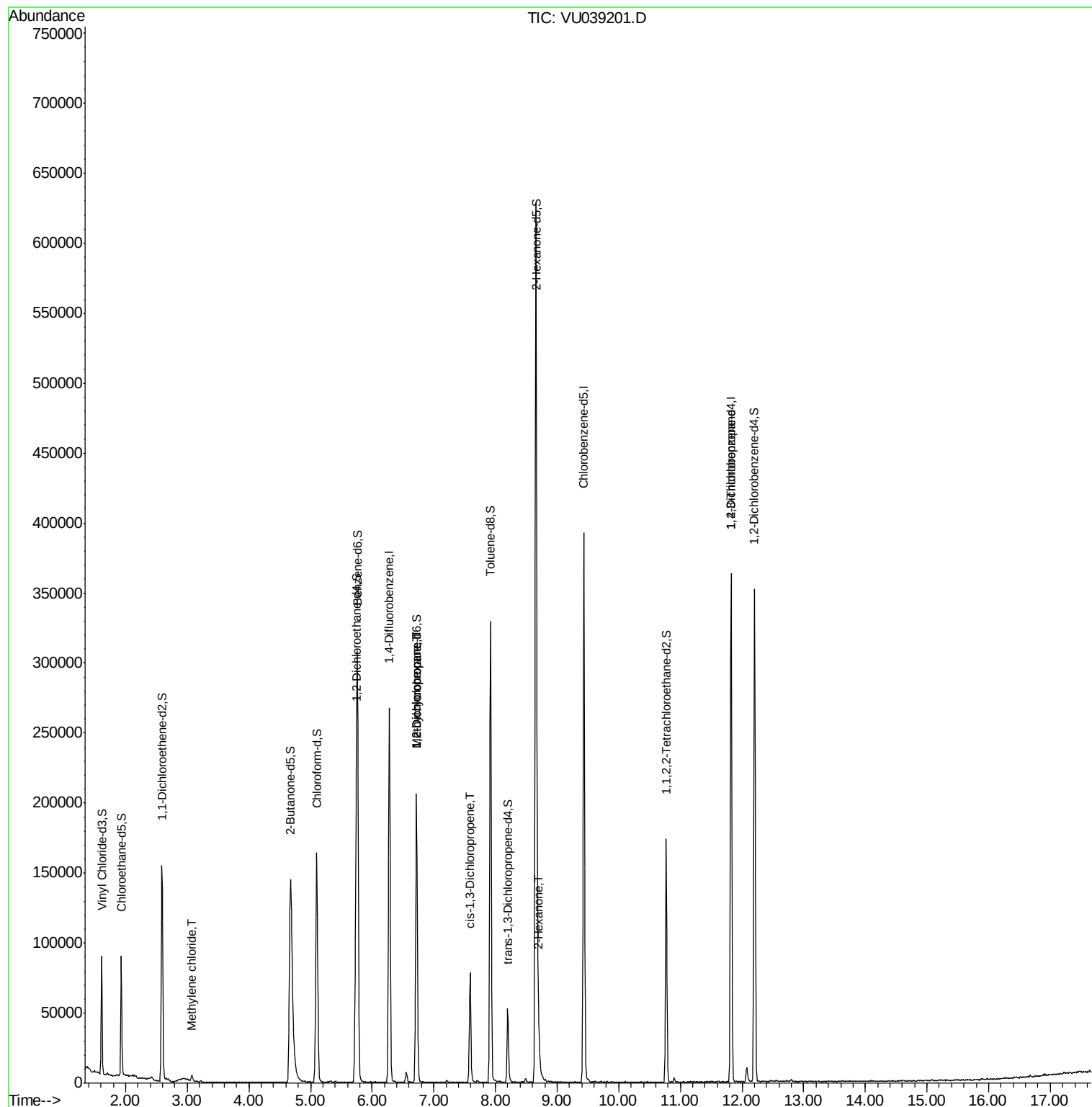
					Ovalue
16) Methylene chloride	3.07	84	1705	0.093 ug/L	91
35) Methylcyclohexane	6.72	83	21890	0.848 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11034	0.614 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2248	0.087 ug/L #	80
48) 2-Hexanone	8.70	43	13333	1.345 ug/L #	82
59) 1,2,3-Trichloropropane	11.82	75	12423	0.918 ug/L #	85

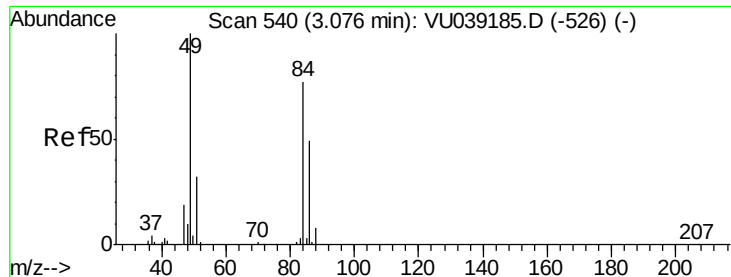
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 30 01:35:59 2020
Response via : Initial Calibration

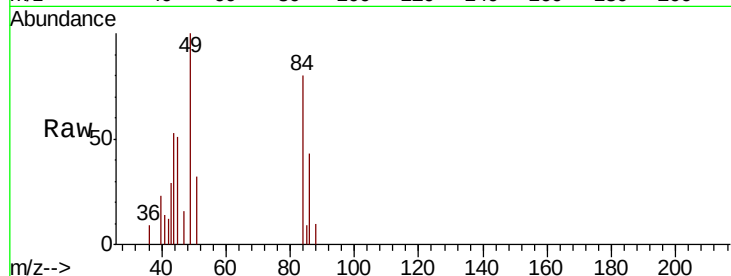




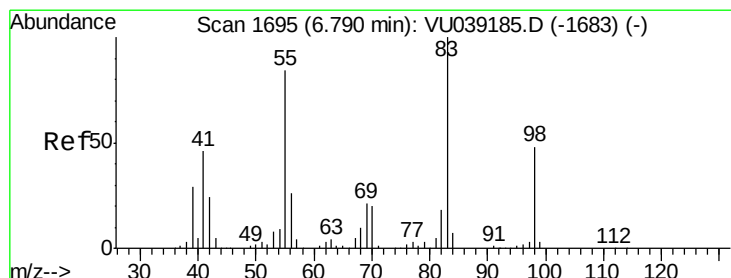
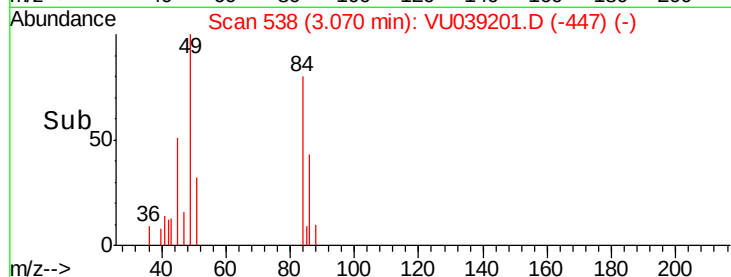
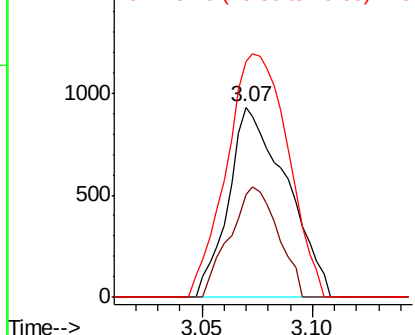
#16
Methylene chloride
Concen: 0.093 ug/L
RT: 3.07 min Scan# 538
Delta R.T. -0.01 min
Lab File: VU039201.D
Acq: 29 Jun 2020 19:04

Instrument :
MSVOA_U
ClientSampled :
F9Q75

Tot Ion: 84 Resp: 1705
Ion Ratio Lower Upper
84 100
86 54.1 44.2 82.2
49 124.5 93.2 173.0

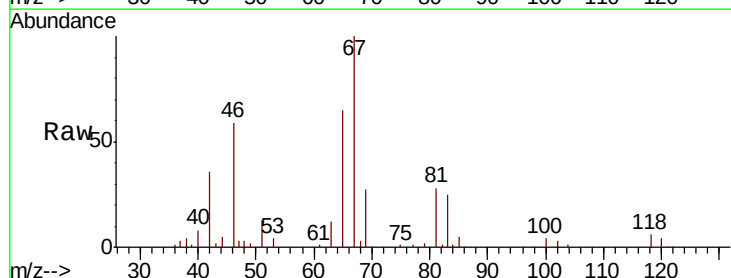


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

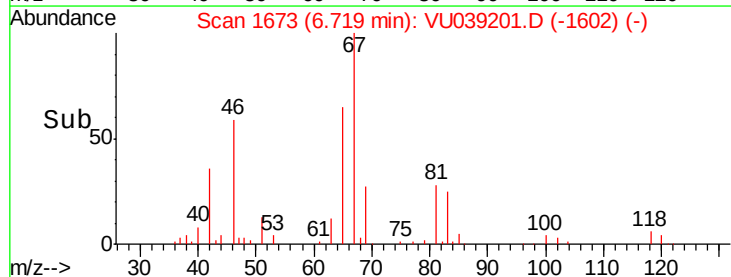
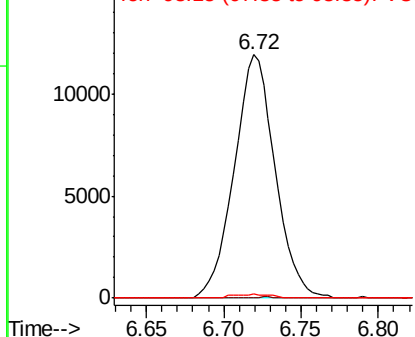


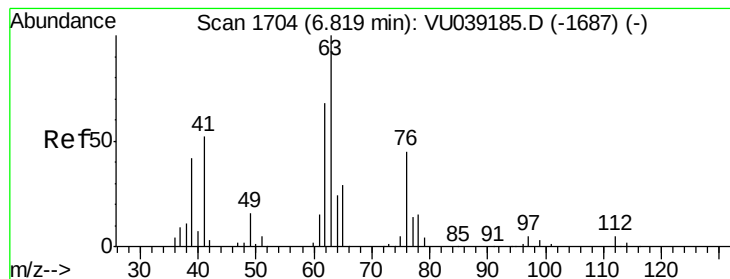
#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039201.D
Acq: 29 Jun 2020 19:04

Tgt Ion: 83 Resp: 21890
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 1.1 38.2 57.4#



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: 0.614 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039201.D

Acq: 29 Jun 2020 19:04

Instrument :

MSVOA_U

ClientSampleId :

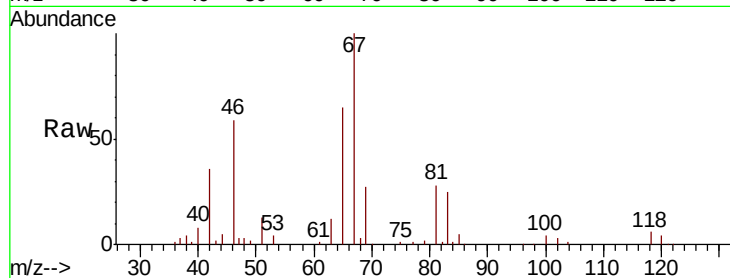
F9Q75

Tot Ion: 63 Resp: 11034

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039201.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU039201.D (-1673) (-)

6.72

6000

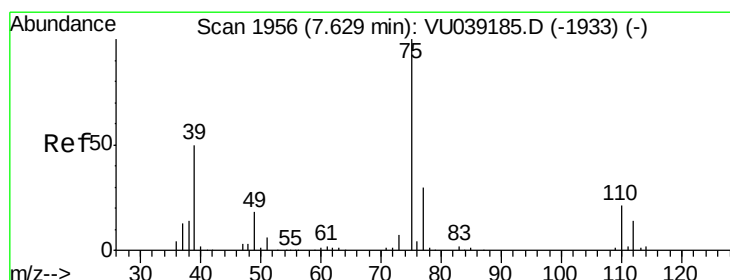
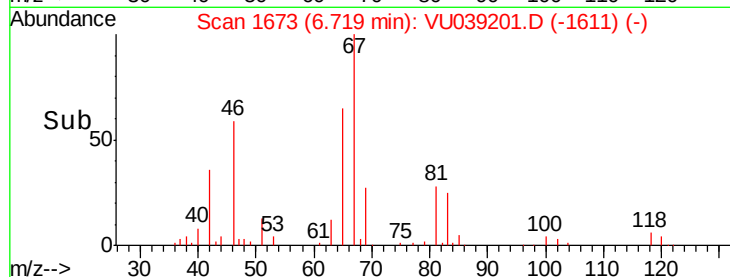
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU039201.D

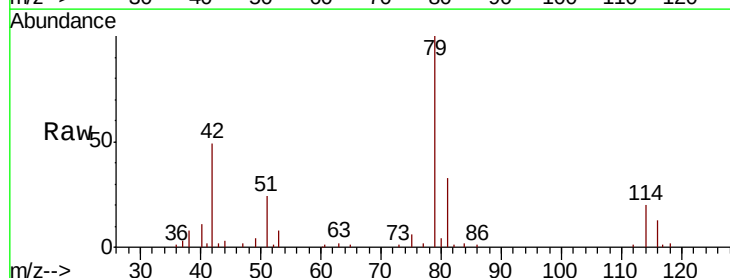
Acq: 29 Jun 2020 19:04

Tgt Ion: 75 Resp: 2248

Ion Ratio Lower Upper

75 100

77 43.6 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU039201.D (-1863) (-)

Ion 77.05 (76.75 to 77.75): VU039201.D (-1863) (-)

7.59

1500

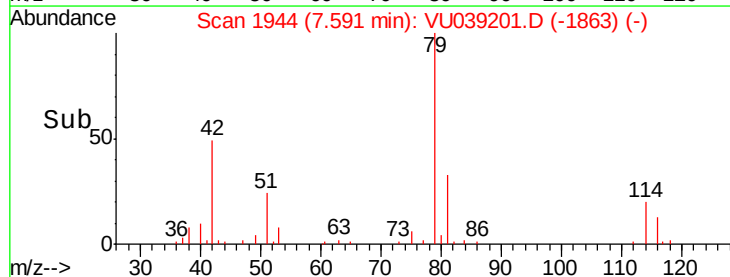
1000

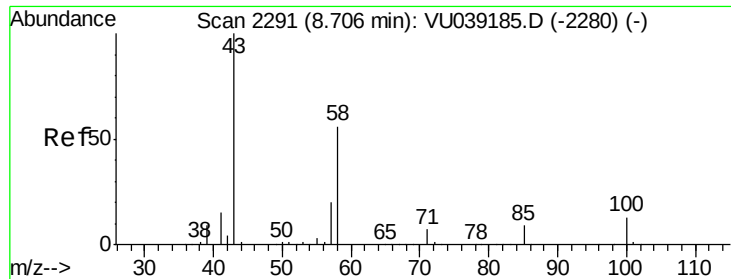
500

0

7.55 7.60

Time-->

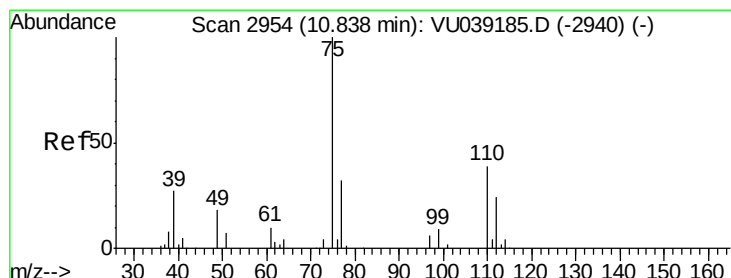
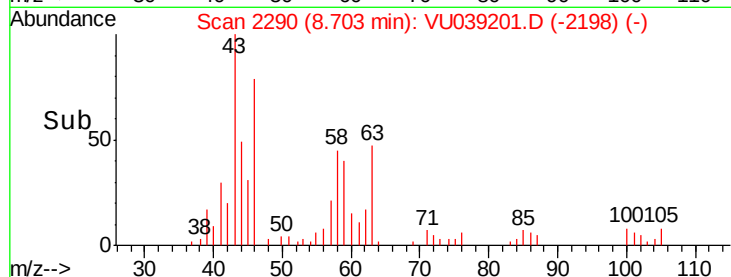
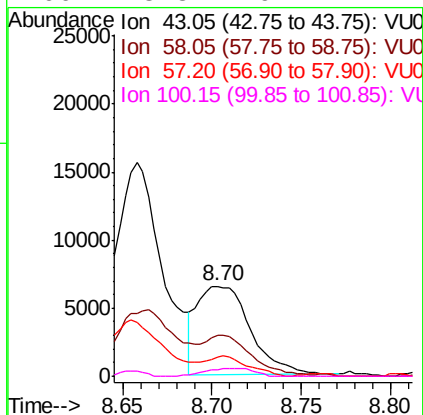
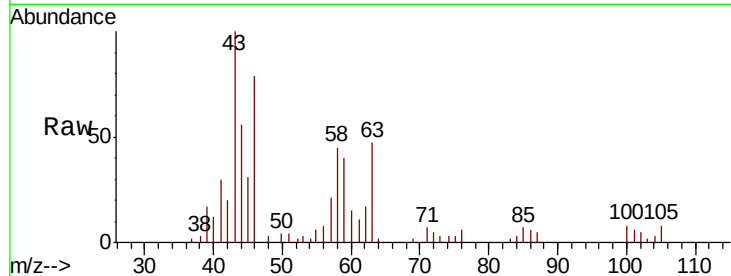




#48
2-Hexanone
Concen: 1.345 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039201.D
Acq: 29 Jun 2020 19:04

Instrument :
MSVOA_U
ClientSampleId :
F9Q75

Tot Ion: 43 Resp: 13333
Ion Ratio Lower Upper
43 100
58 36.9 43.6 65.4#
57 17.6 15.6 23.4
100 8.3 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.918 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU039201.D
Acq: 29 Jun 2020 19:04

Tgt Ion: 75 Resp: 12423
Ion Ratio Lower Upper
75 100
77 40.3 25.6 38.4#

