

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038206.D
 Acq On : 15 May 2020 18:23
 Operator : JC/MD
 Sample : L2647-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 03:36:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	323285	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	144441	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132955	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	120008	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.59	63	154168	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.67	46	445372	61.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.08%
24) Chloroform-d	5.10	84	225094	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.74	65	135267	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.76	84	459196	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.72	67	157690	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.92	98	382108	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.20	79	56781	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.65	63	329702	58.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	129604	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	146433	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

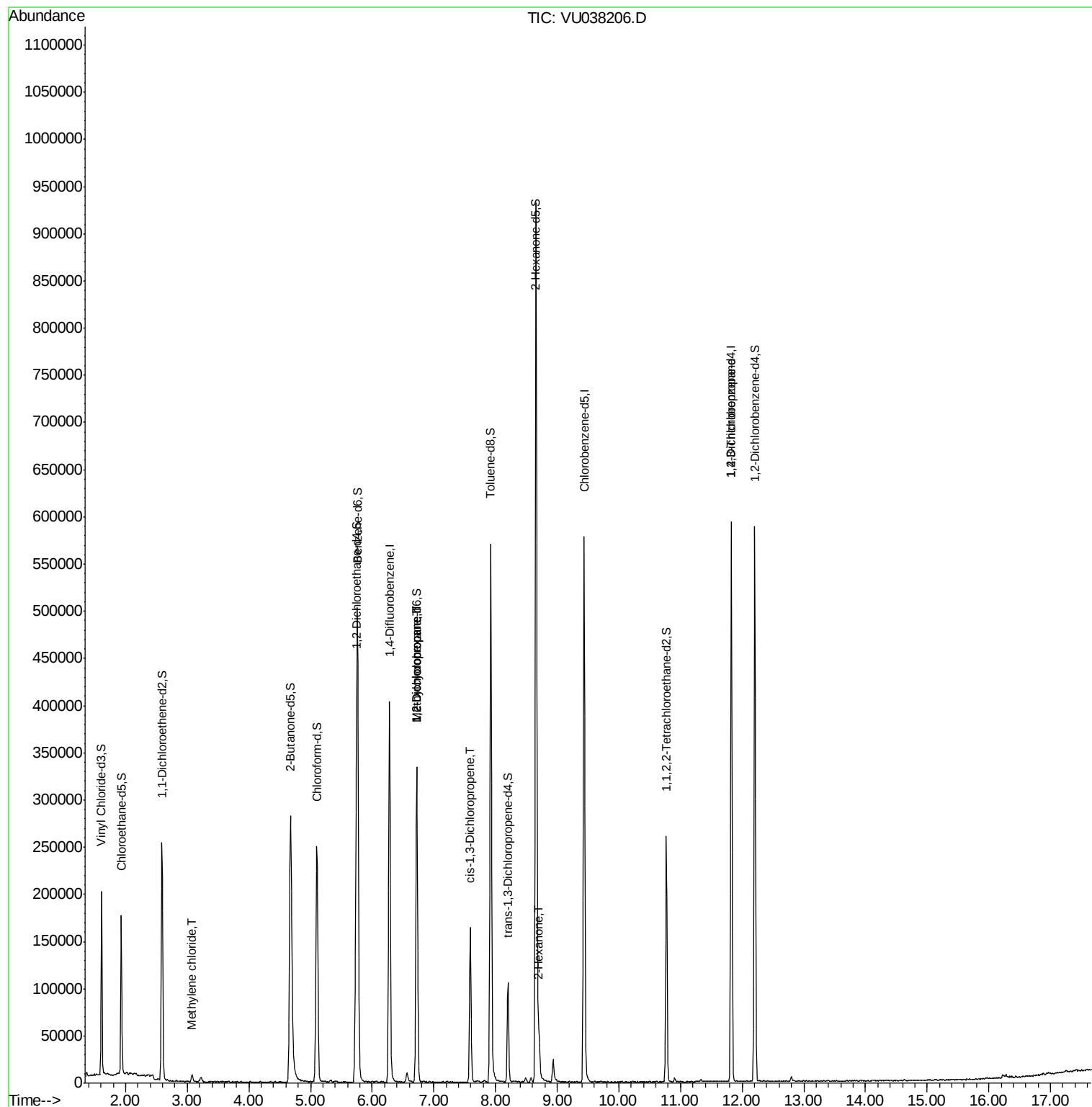
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	3451	0.132	ug/L	89
35) Methylcyclohexane	6.72	83	35725	0.887	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16734	0.619	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3556	0.092	ug/L #	63
48) 2-Hexanone	8.71	43	24161	1.762	ug/L #	92
59) 1,2,3-Trichloropropane	11.83	75	19666	1.085	ug/L #	87

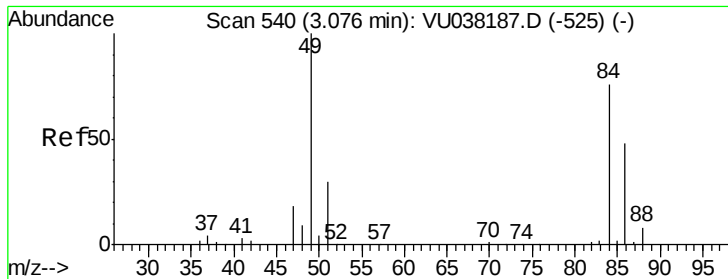
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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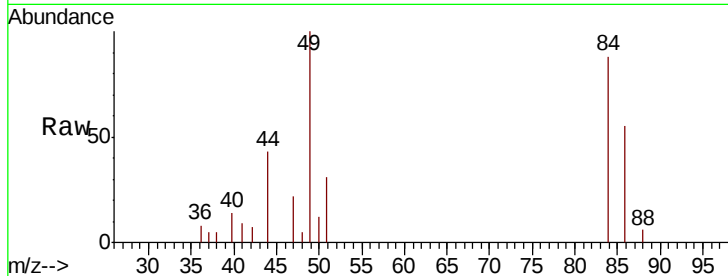




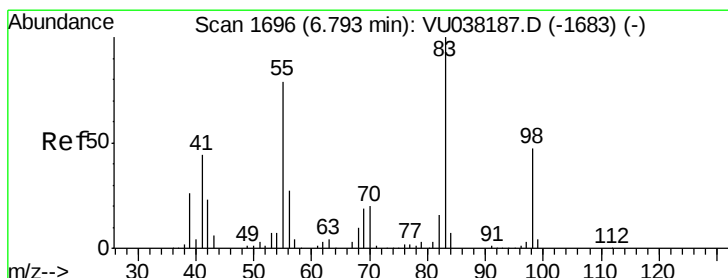
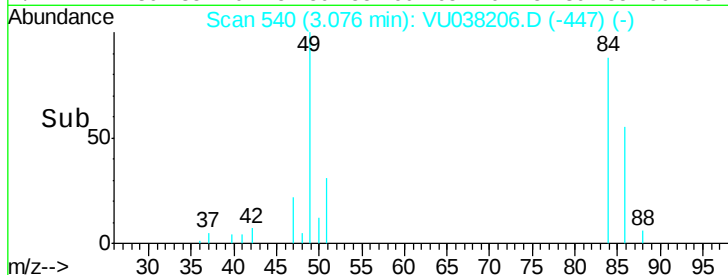
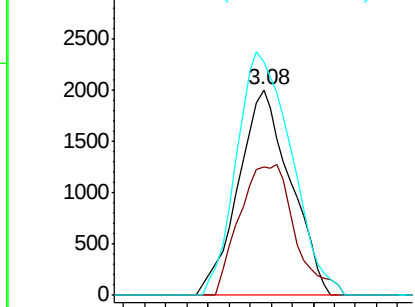
#16
Methylene chloride
Concen: 0.132 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038206.D
Acq: 15 May 2020 18:23

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 3451
Ion Ratio Lower Upper
84 100
86 62.3 44.9 83.3
49 113.7 92.0 170.9

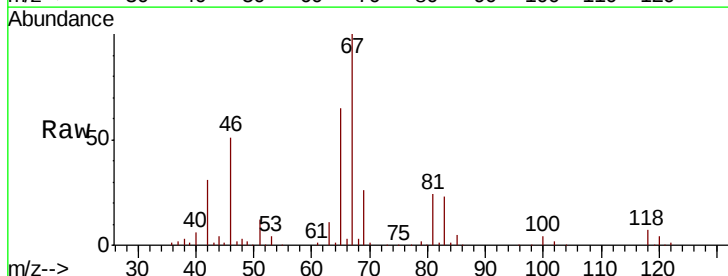


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

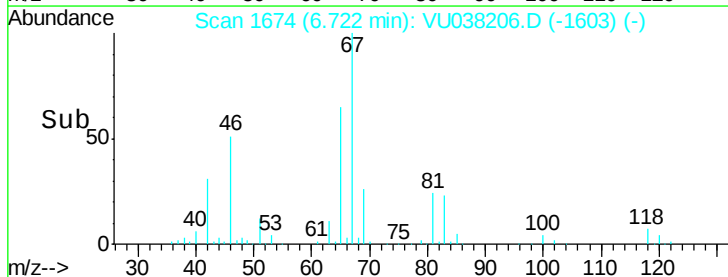
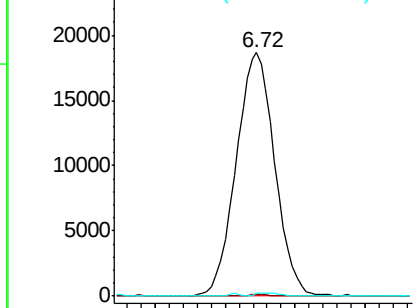


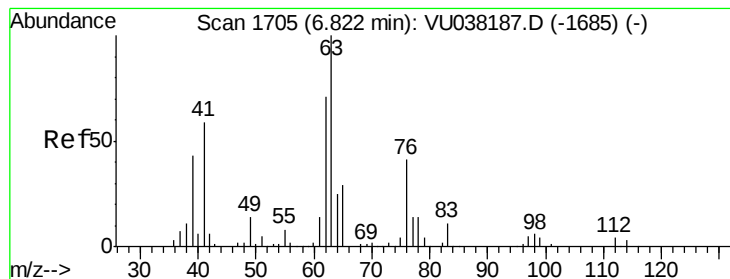
#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038206.D
Acq: 15 May 2020 18:23

Tgt Ion: 83 Resp: 35725
Ion Ratio Lower Upper
83 100
55 0.3 66.7 100.1#
98 0.7 39.4 59.2#



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: 0.619 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038206.D

Acq: 15 May 2020 18:23

Instrument :

MSVOA_U

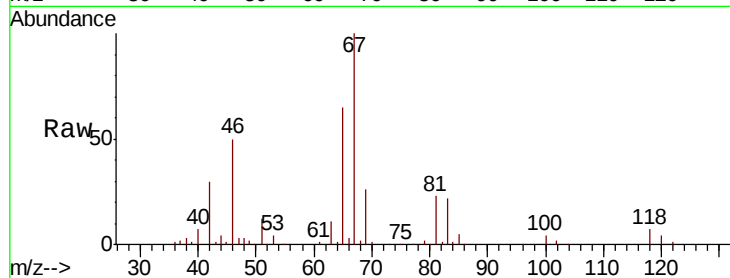
ClientSampleId :

Tot Ion: 63 Resp: 16734

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038187.D (-1685) (-)

Ion 112.10 (111.80 to 112.80): VU038187.D (-1685) (-)

6.72

8000

6000

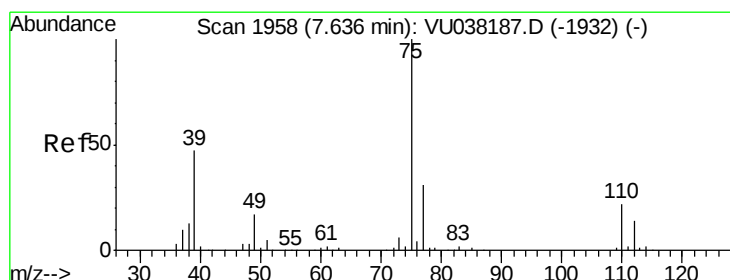
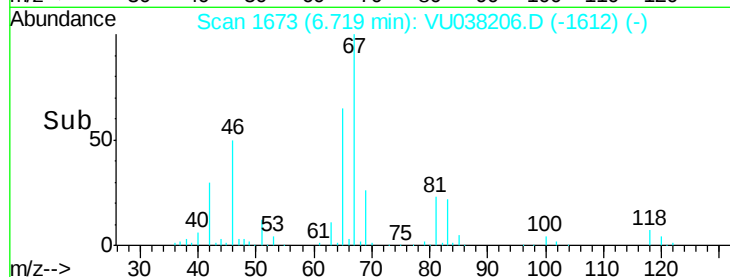
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU038206.D

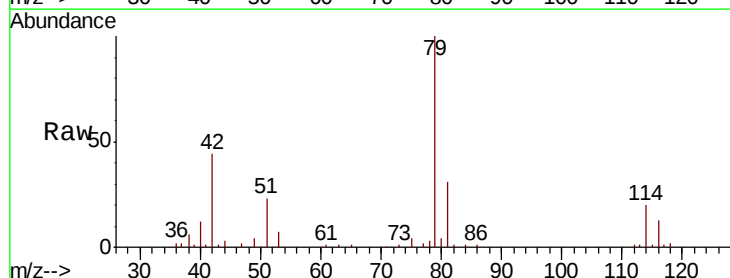
Acq: 15 May 2020 18:23

Tgt Ion: 75 Resp: 3556

Ion Ratio Lower Upper

75 100

77 52.9 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038187.D (-1932) (-)

Ion 77.05 (76.75 to 77.75): VU038187.D (-1932) (-)

7.60

2000

1500

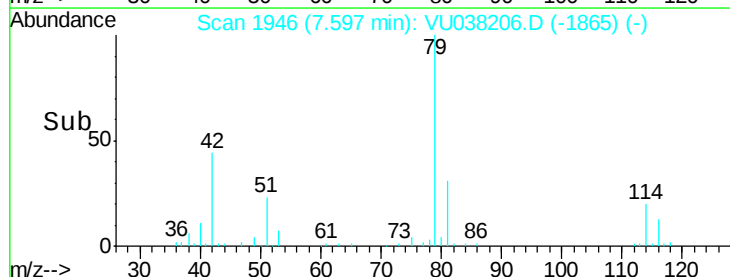
1000

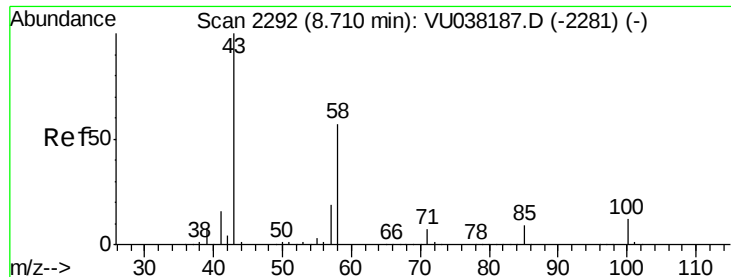
500

0

7.55 7.60 7.65

Time-->

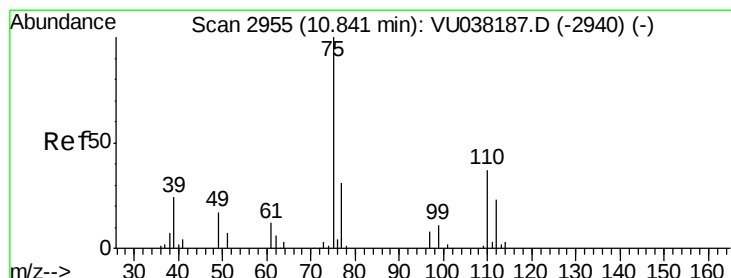
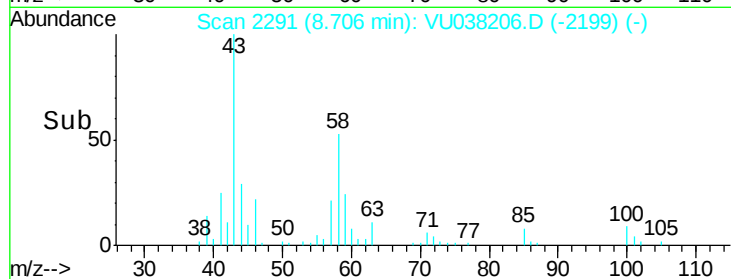
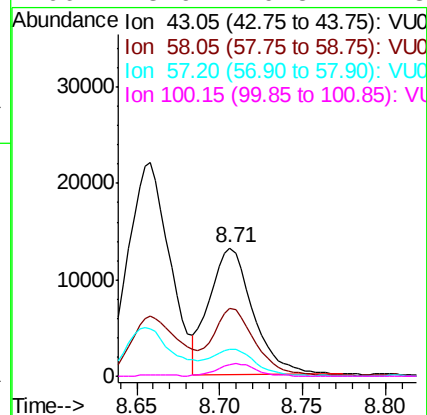
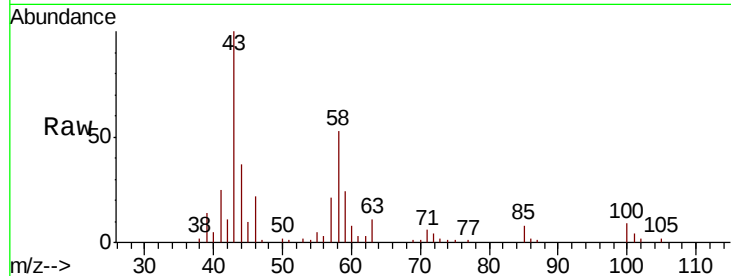




#48
2-Hexanone
Concen: 1.762 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038206.D
Acq: 15 May 2020 18:23

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 24161
Ion Ratio Lower Upper
43 100
58 49.8 45.2 67.8
57 22.2 15.5 23.3
100 8.9 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 1.085 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038206.D
Acq: 15 May 2020 18:23

Tgt Ion: 75 Resp: 19666
Ion Ratio Lower Upper
75 100
77 38.8 25.4 38.0#

