

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038614.D
 Acq On : 06 Jun 2020 14:12
 Operator : SY/MD
 Sample : L2906-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG4

Quant Time: Jun 07 04:03:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 04:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	310437	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307567	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	149603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	65427	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.93	69	60896	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.59	63	110760	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.67	46	338435	55.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.90%
24) Chloroform-d	5.10	84	178724	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.74	65	106111	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	348714	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.72	67	110308	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.92	98	288085	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.20	79	43501	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.65	63	288051	57.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104760	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	128695	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

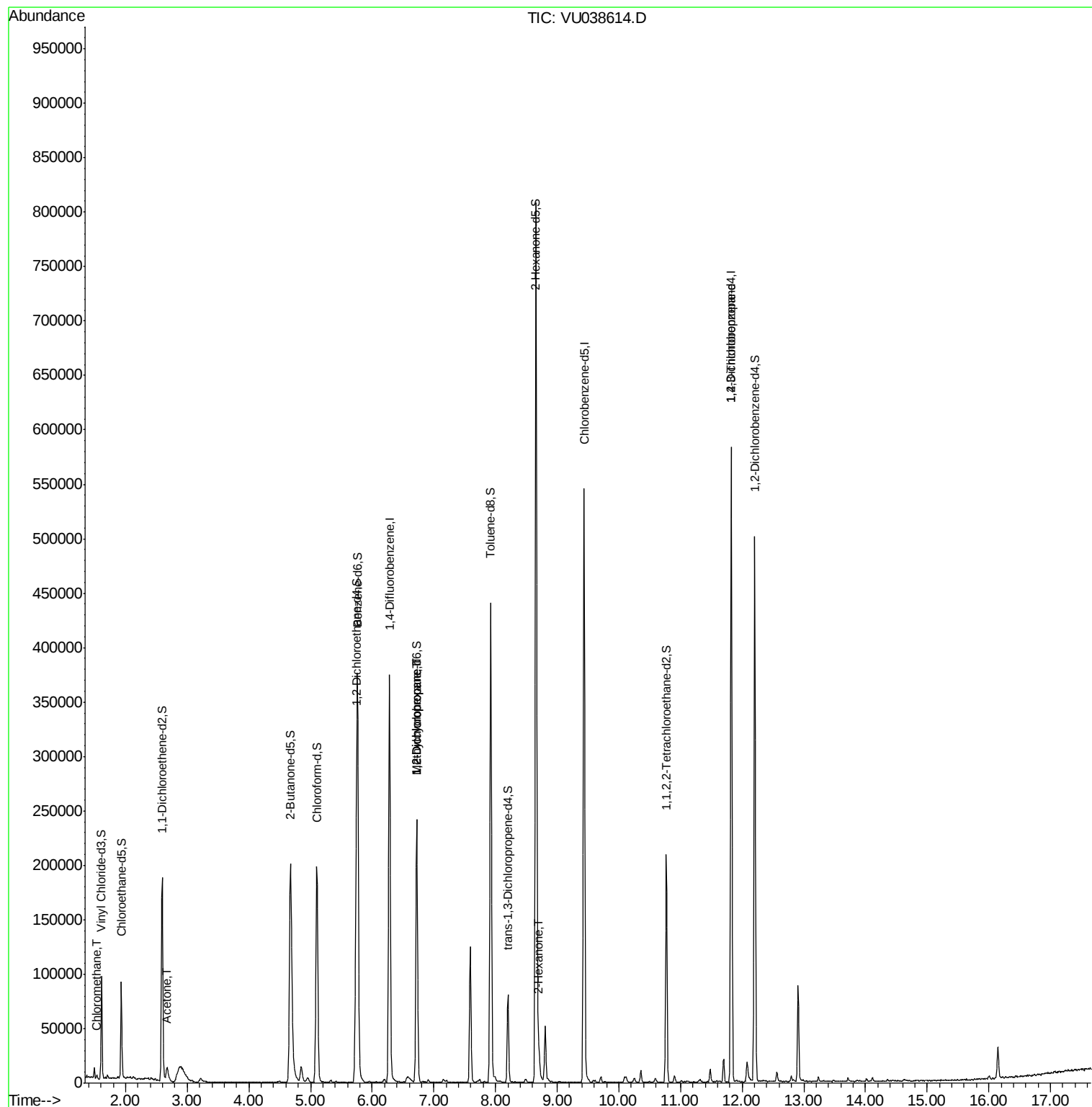
					Ovalue
3) Chloromethane	1.53	50	2361	0.105 ug/L	91
13) Acetone	2.67	43	22151	5.546 ug/L	99
35) Methylcyclohexane	6.72	83	26480	0.768 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12538	0.581 ug/L #	86
48) 2-Hexanone	8.71	43	11573	0.990 ug/L #	92
59) 1,2,3-Trichloropropane	11.82	75	19452	1.208 ug/L	91

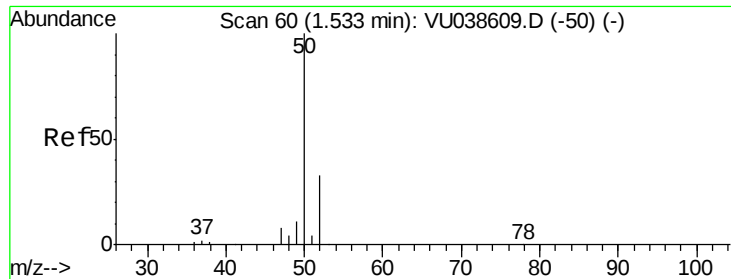
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 07 04:01:21 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU038614.D

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Instrument :

MSVOA_U

ClientSampleId :

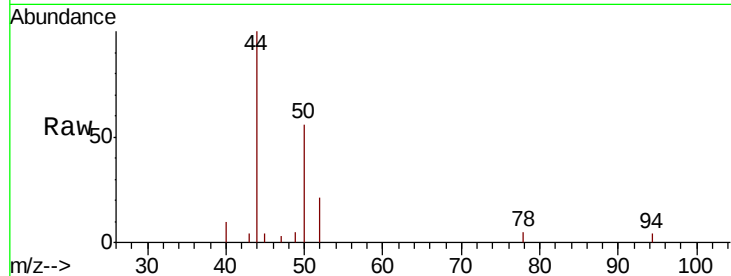
C0AG4

Tot Ion: 50 Resp: 2361

Ion Ratio Lower Upper

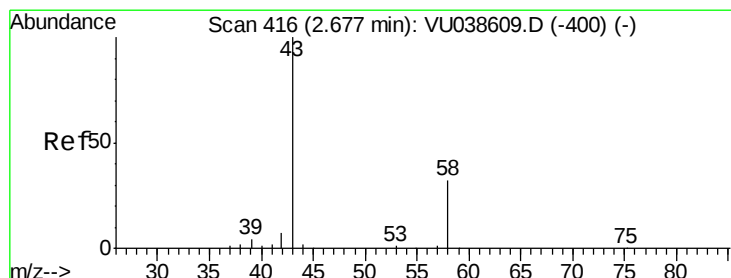
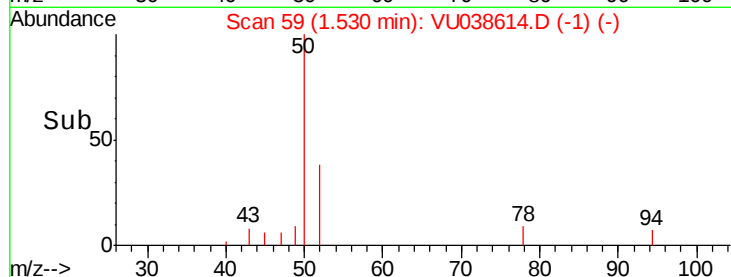
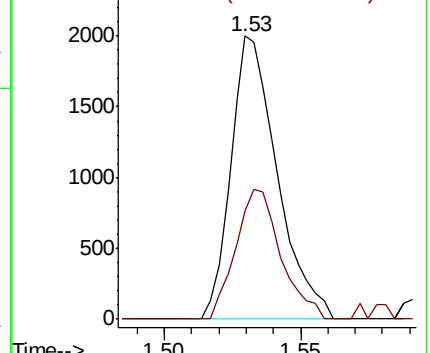
50 100

52 38.0 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 5.546 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038614.D

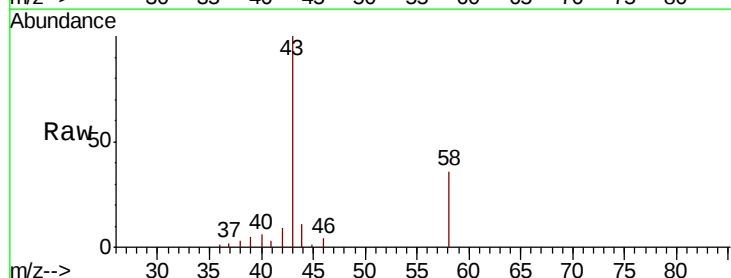
Acq: 06 Jun 2020 14:12

Tgt Ion: 43 Resp: 22151

Ion Ratio Lower Upper

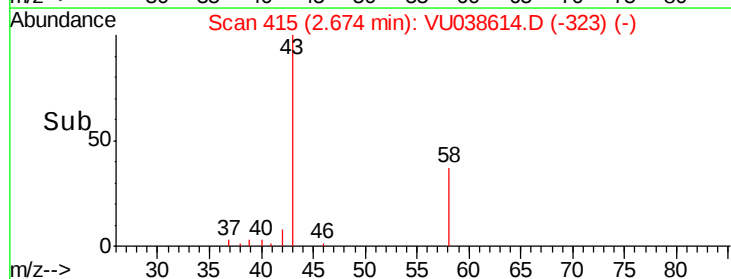
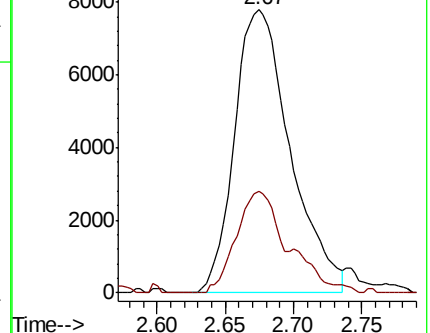
43 100

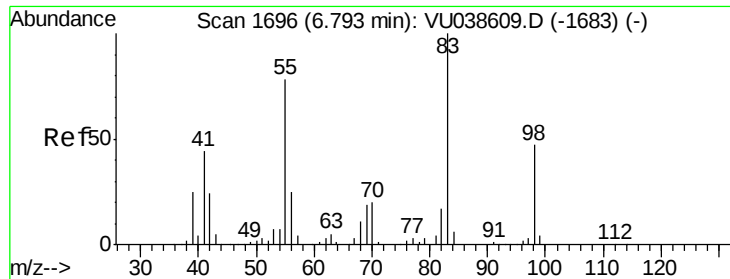
58 33.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

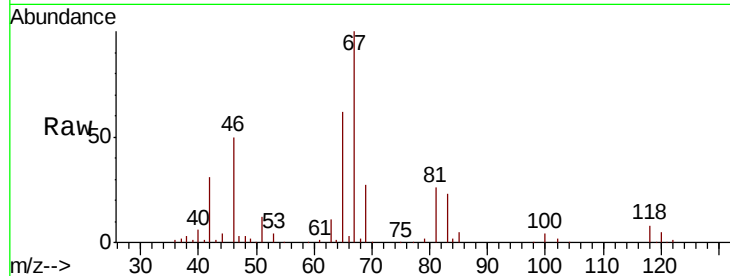




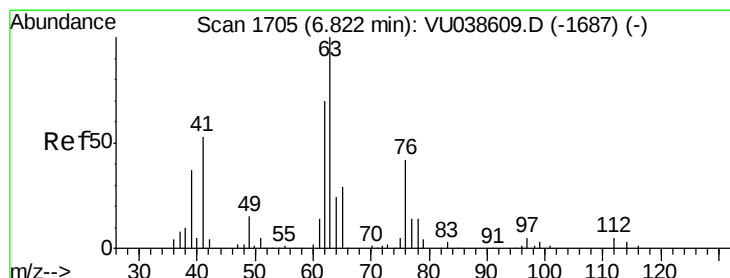
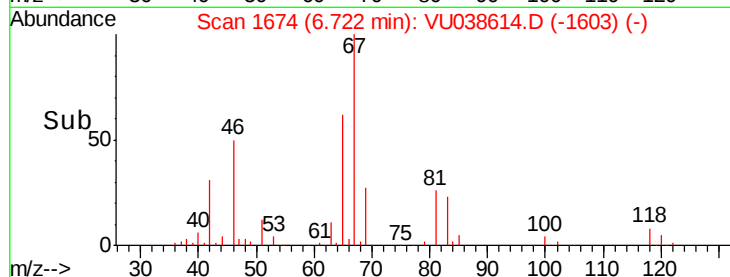
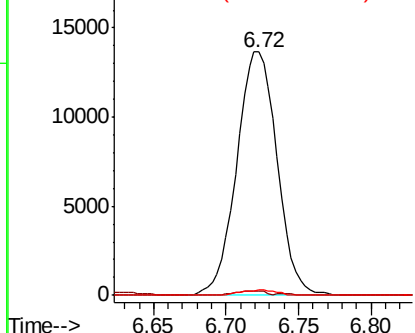
#35
Methylcyclohexane
Concen: 0.768 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038614.D
Acq: 06 Jun 2020 14:12

Instrument :
MSVOA_U
ClientSampled :
C0AG4

Tot Ion: 83 Resp: 26480
Ion Ratio Lower Upper
83 100
55 1.3 63.4 95.2#
98 1.9 39.0 58.4#

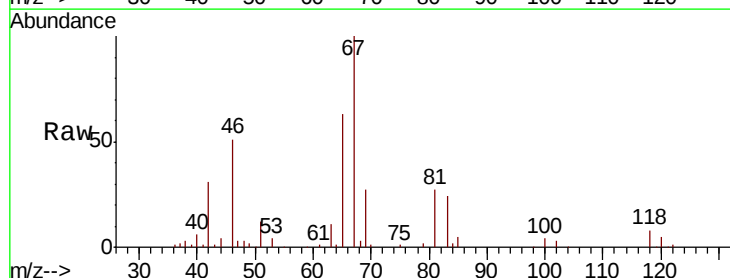


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

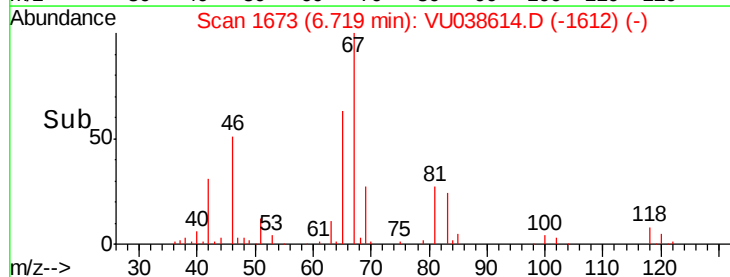
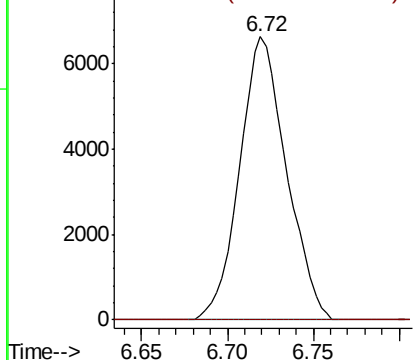


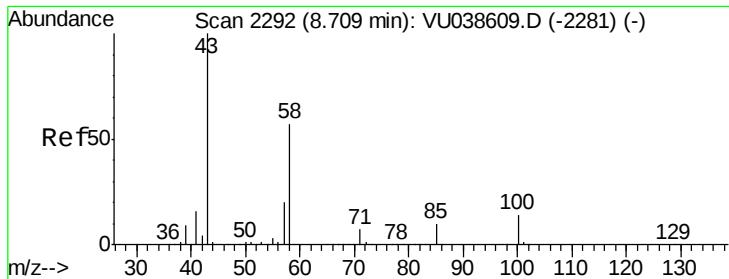
#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038614.D
Acq: 06 Jun 2020 14:12

Tgt Ion: 63 Resp: 12538
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

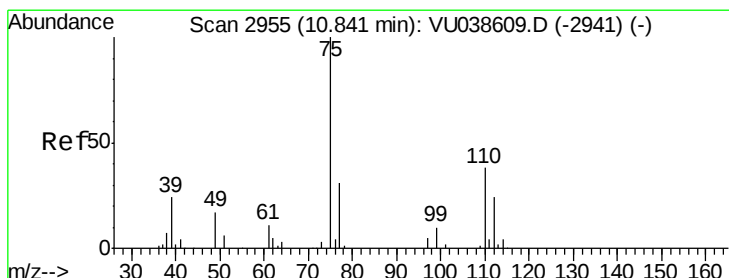
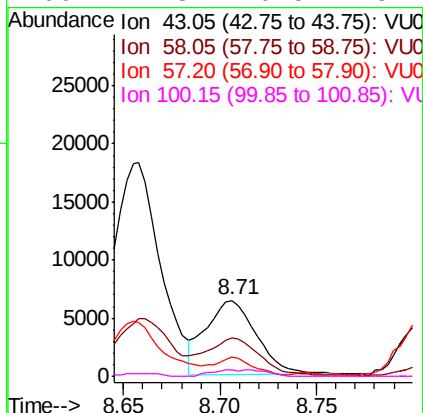
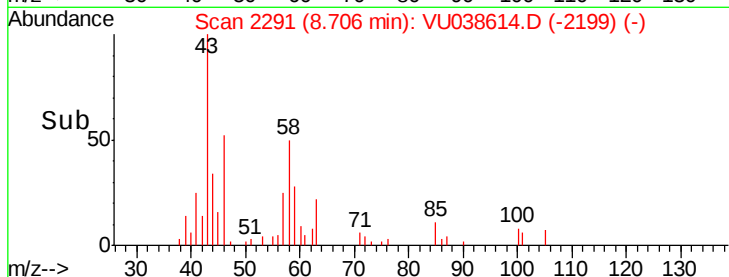
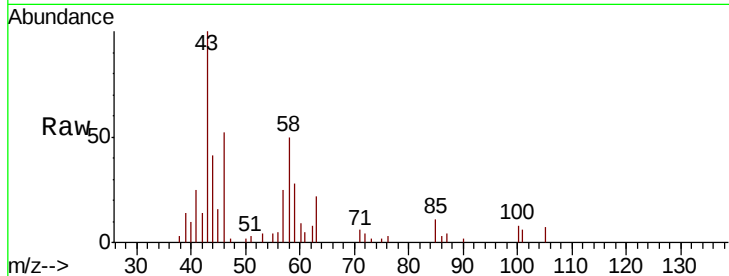




#48
2-Hexanone
Concen: 0.990 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038614.D
Acq: 06 Jun 2020 14:12

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C0AG4

Tot Ion: 43 Resp: 11573
Ion Ratio Lower Upper
43 100
58 52.1 45.4 68.0
57 17.2 15.9 23.9
100 4.8 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.208 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038614.D
Acq: 06 Jun 2020 14:12

Tgt Ion: 75 Resp: 19452
Ion Ratio Lower Upper
75 100
77 36.6 25.4 38.2

