

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052020\
 Data File : VU038247.D
 Acq On : 20 May 2020 14:59
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 01:16:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:14:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	335104	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	327359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142884	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	122640	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.59	63	178259	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.68	46	434615	57.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.94%
24) Chloroform-d	5.10	84	230591	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.74	65	138973	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.76	84	490536	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.72	67	161145	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.92	98	428224	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.20	79	61196	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.66	63	338681	56.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	132166	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	159091	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

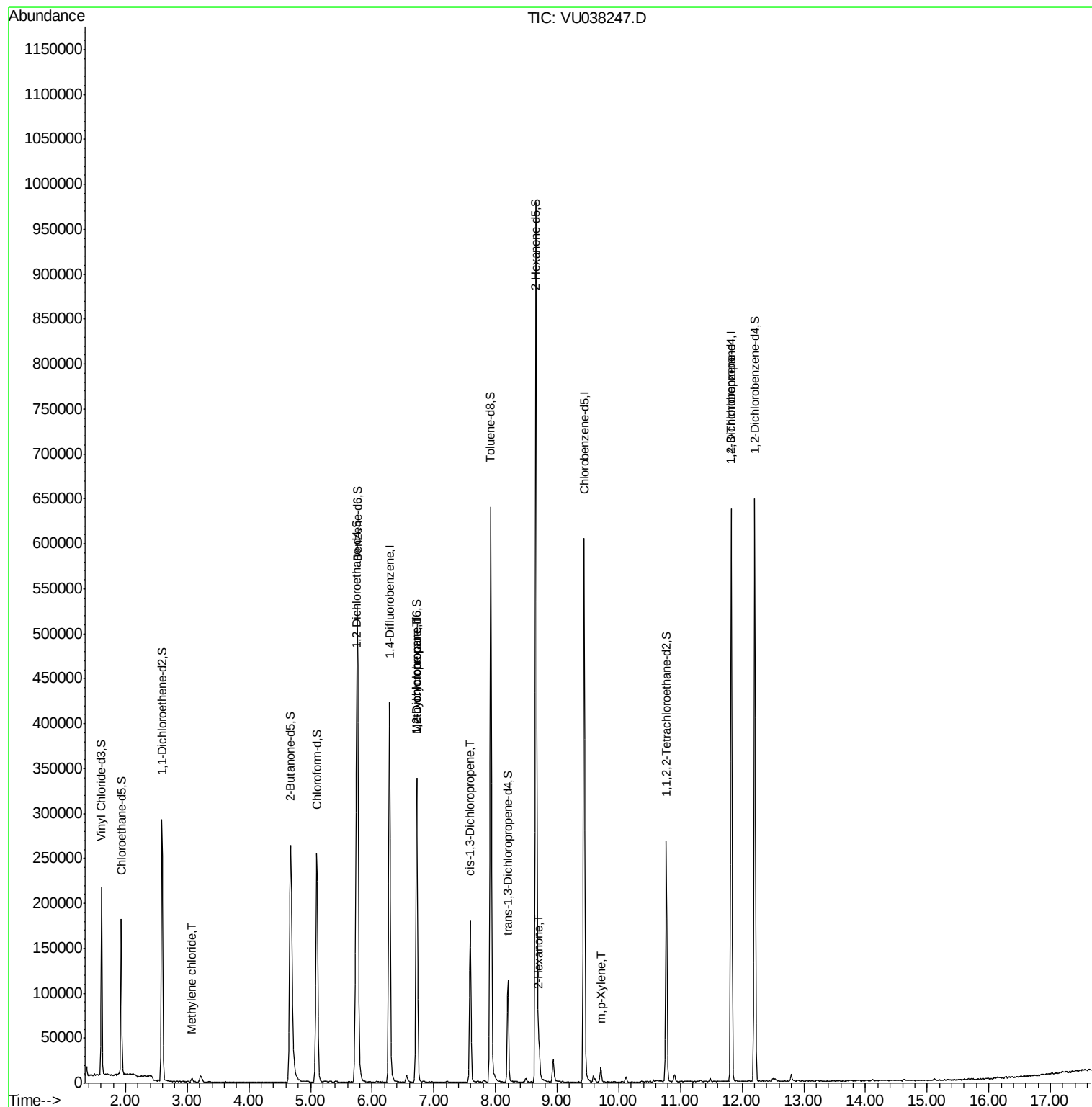
					Ovalue
16) Methylene chloride	3.08	84	1778	0.066 ug/L	94
35) Methylcyclohexane	6.72	83	35627	0.839 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17109	0.601 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3600	0.088 ug/L #	48
48) 2-Hexanone	8.71	43	19609	1.357 ug/L	97
53) m,p-Xylene	9.71	106	4956	0.108 ug/L	91
59) 1,2,3-Trichloropropane	11.82	75	20764	1.086 ug/L	89

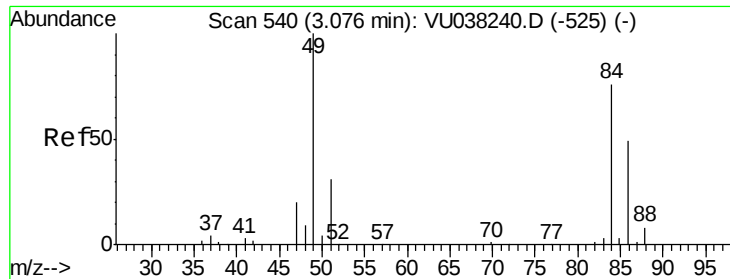
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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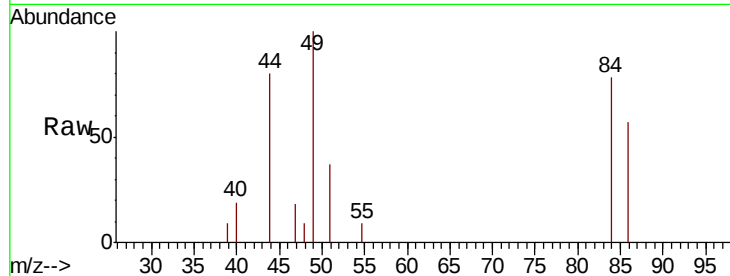




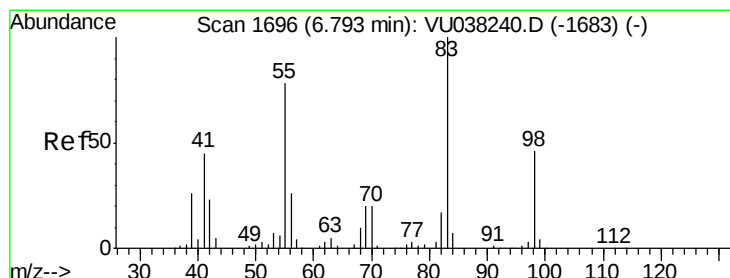
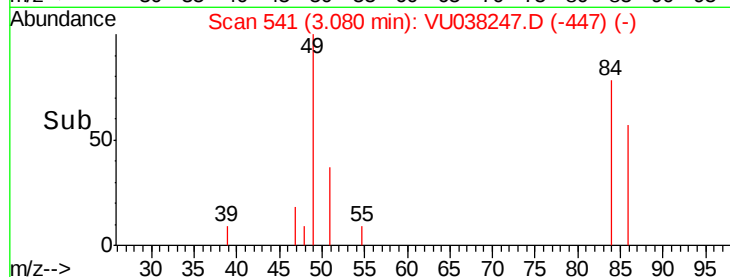
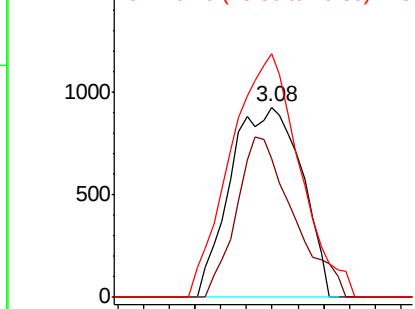
#16
Methylene chloride
Concen: 0.066 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038247.D
Acq: 20 May 2020 14:59

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 1778
Ion Ratio Lower Upper
84 100
86 72.9 44.9 83.3
49 128.0 92.0 170.9

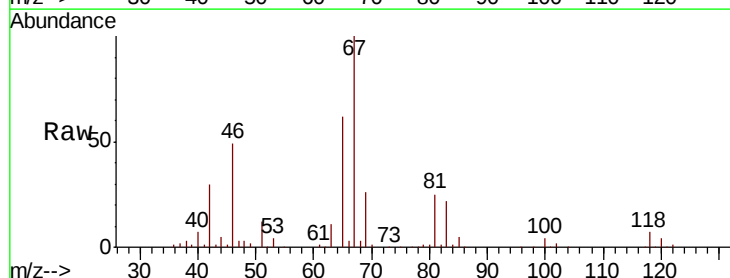


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

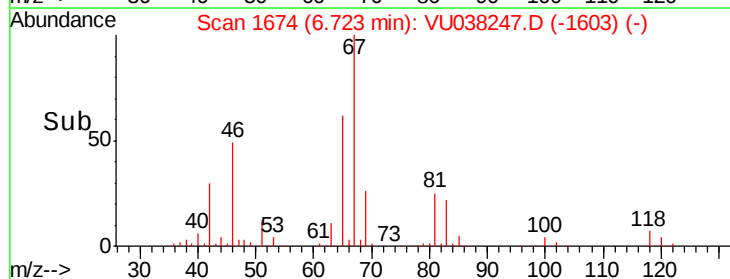
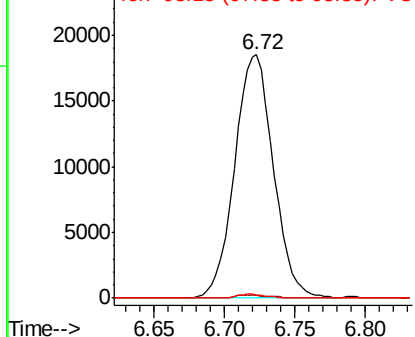


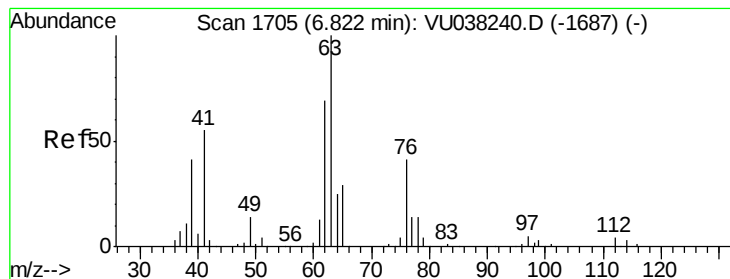
#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038247.D
Acq: 20 May 2020 14:59

Tgt Ion: 83 Resp: 35627
Ion Ratio Lower Upper
83 100
55 1.0 66.7 100.1#
98 1.1 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: 0.601 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038247.D

Acq: 20 May 2020 14:59

Instrument :

MSVOA_U

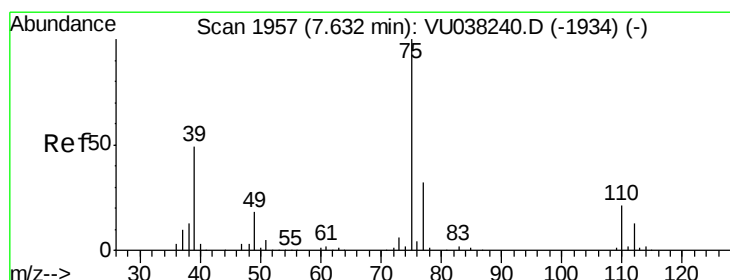
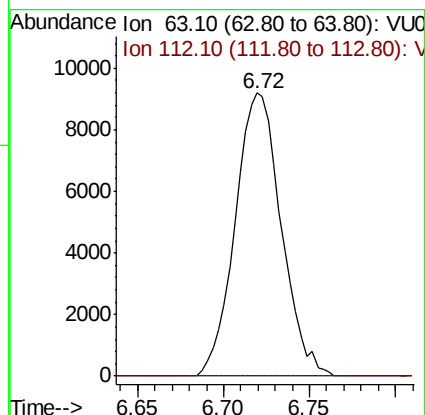
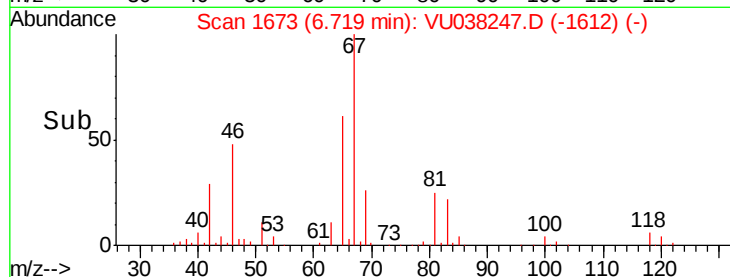
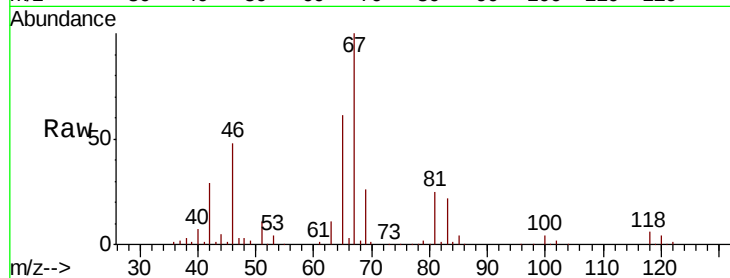
ClientSampleId :

Tot Ion: 63 Resp: 17109

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038247.D

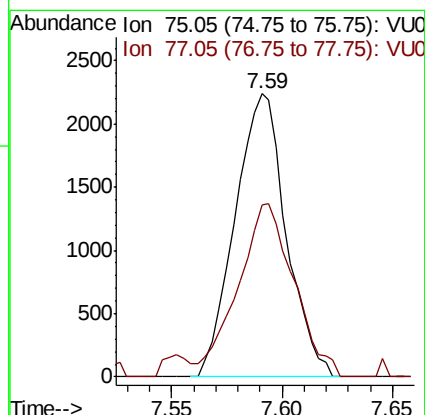
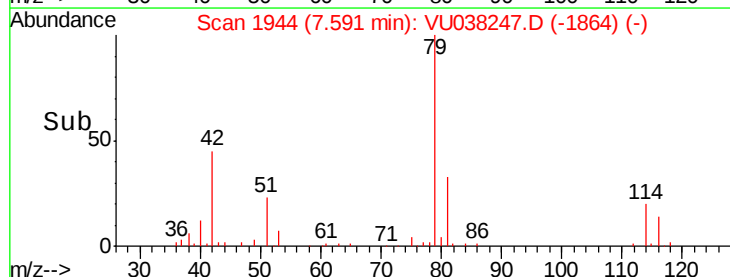
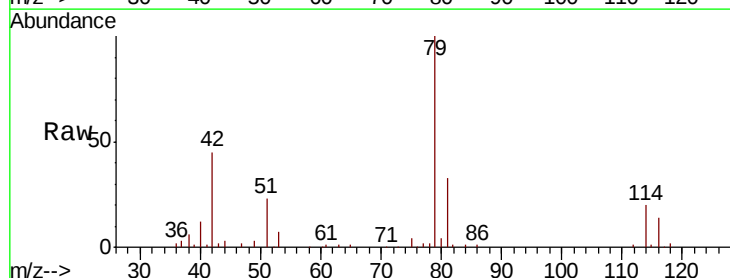
Acq: 20 May 2020 14:59

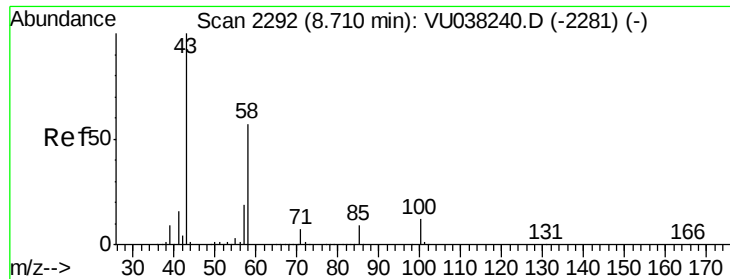
Tgt Ion: 75 Resp: 3600

Ion Ratio Lower Upper

75 100

77 60.9 22.4 41.6#

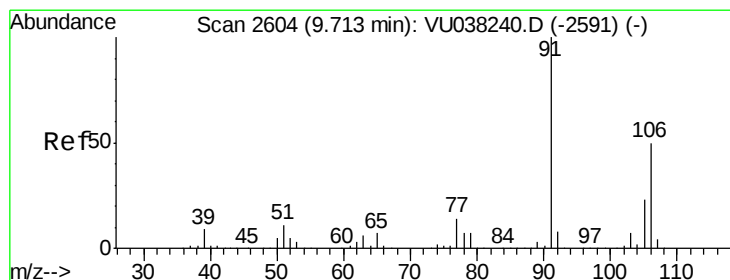
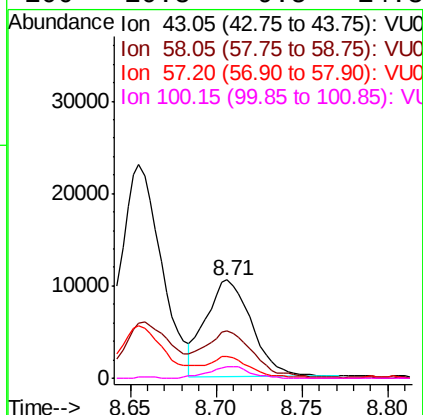
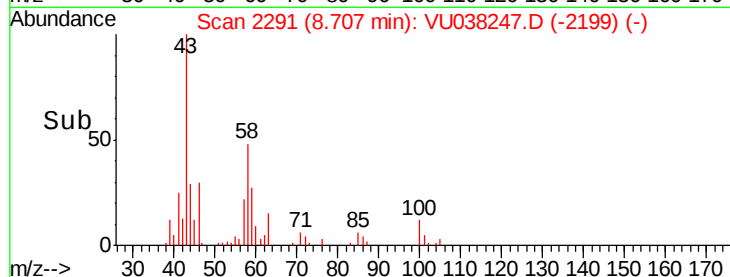
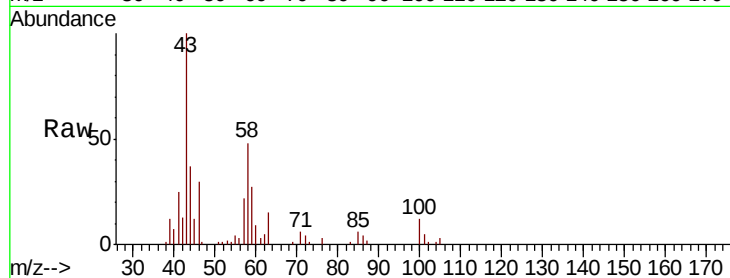




#48
2-Hexanone
Concen: 1.357 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038247.D
Acq: 20 May 2020 14:59

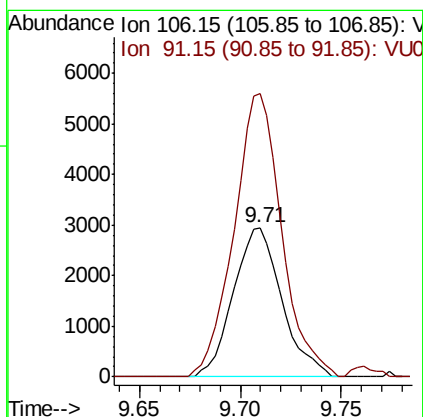
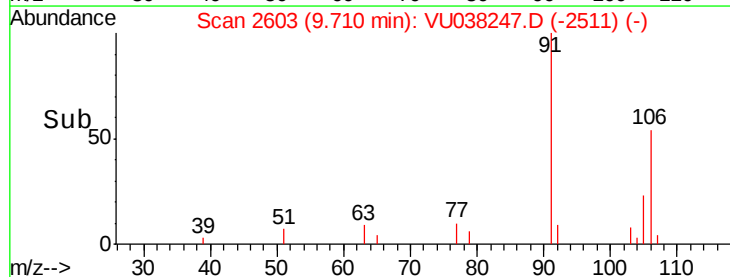
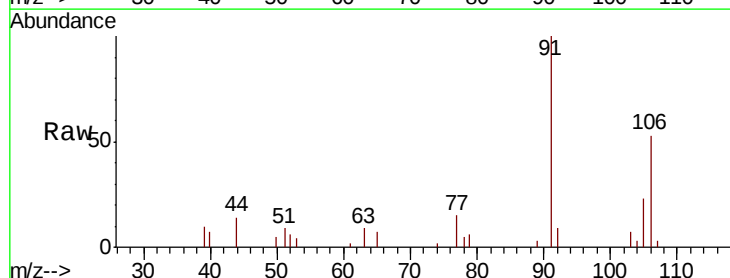
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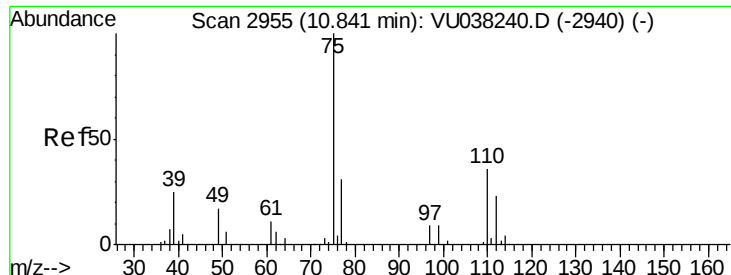
Tot Ion: 43 Resp: 19609
Ion Ratio Lower Upper
43 100
58 53.7 45.2 67.8
57 20.0 15.5 23.3
100 10.8 9.5 14.3



#53
m,p-Xylene
Concen: 0.108 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038247.D
Acq: 20 May 2020 14:59

Tgt Ion: 106 Resp: 4956
Ion Ratio Lower Upper
106 100
91 189.3 142.1 263.9





#59

1,2,3-Trichloropropane

Concen: 1.086 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038247.D

Acq: 20 May 2020 14:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 20764

Ion Ratio Lower Upper

75 100

77 37.7 25.4 38.0

