

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052020\
 Data File : VU038253.D
 Acq On : 20 May 2020 17:24
 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 01:17:23 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	352699	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	341316	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	164827	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137589	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.93	69	121281	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.59	63	172324	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.66	46	412988	51.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	5.10	84	227843	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.74	65	139216	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.76	84	484901	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.72	67	160169	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.92	98	420912	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.20	79	58036	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.65	63	328134	52.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	128481	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	157253	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

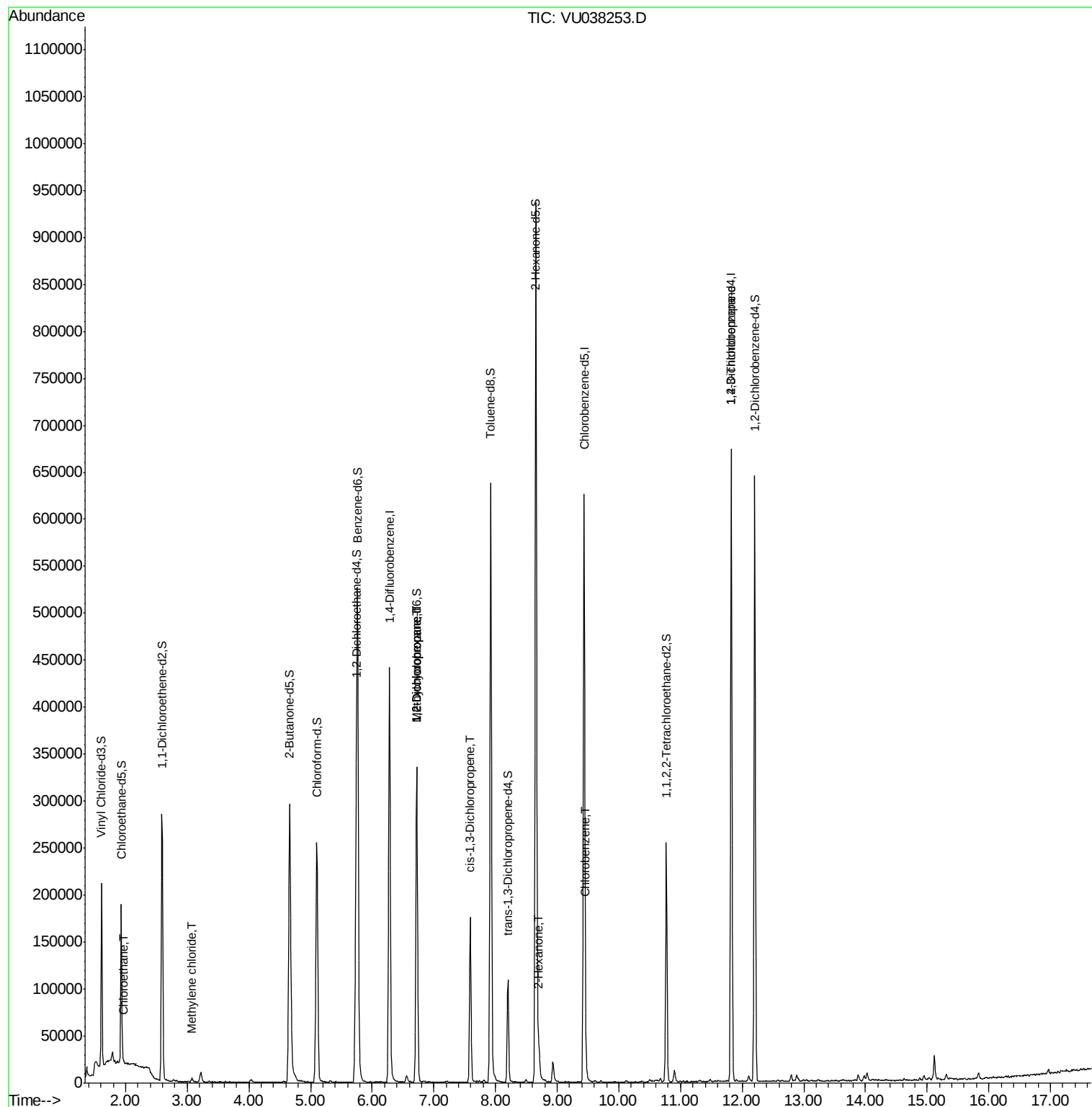
					Ovalue
8) Chloroethane	1.97	64	2449	0.105 ug/L #	50
16) Methylene chloride	3.08	84	1865	0.065 ug/L	91
35) Methylcyclohexane	6.72	83	35402	0.799 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17139	0.577 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4084	0.096 ug/L #	58
48) 2-Hexanone	8.70	43	17142	1.138 ug/L #	92
51) Chlorobenzene	9.47	112	12274	0.171 ug/L	96
59) 1,2,3-Trichloropropane	11.82	75	23066	1.158 ug/L	95

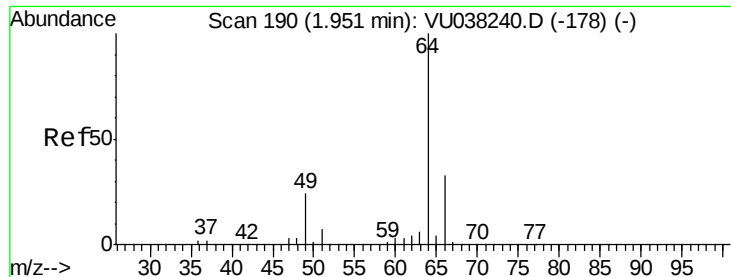
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:14:05 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.105 ug/L

RT: 1.97 min Scan# 196

Delta R.T. 0.02 min

Lab File: VU038253.D

Acq: 20 May 2020 17:24

Instrument :

MSVOA_U

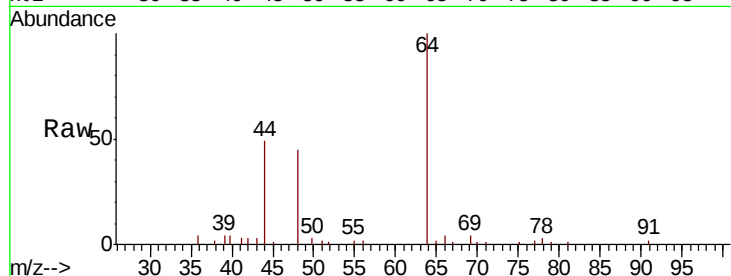
ClientSampled :

Tot Ion: 64 Resp: 2449

Ion Ratio Lower Upper

64 100

66 3.6 21.8 40.4#



Abundance Ion 64.10 (63.80 to 64.80): VU038240.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU038240.D (-178) (-)

1.97

10000

8000

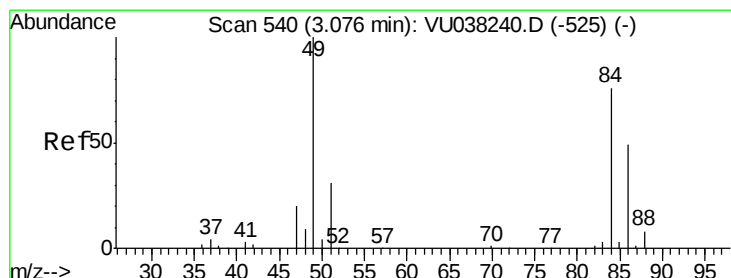
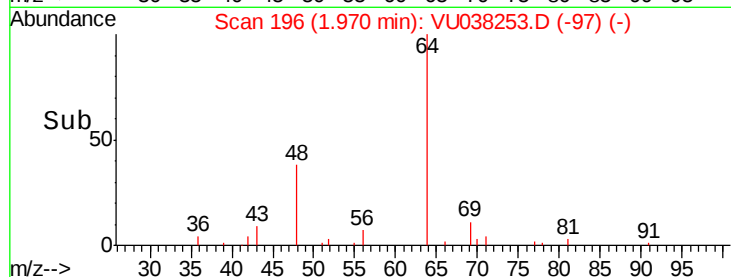
6000

4000

2000

0

Time-->



#16

Methylene chloride

Concen: 0.065 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038253.D

Acq: 20 May 2020 17:24

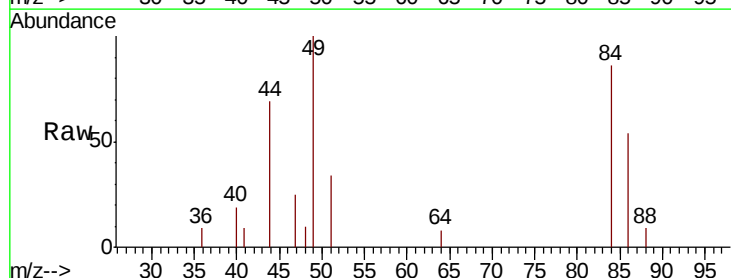
Tgt Ion: 84 Resp: 1865

Ion Ratio Lower Upper

84 100

86 62.7 44.9 83.3

49 116.8 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU038240.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038240.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038240.D (-525) (-)

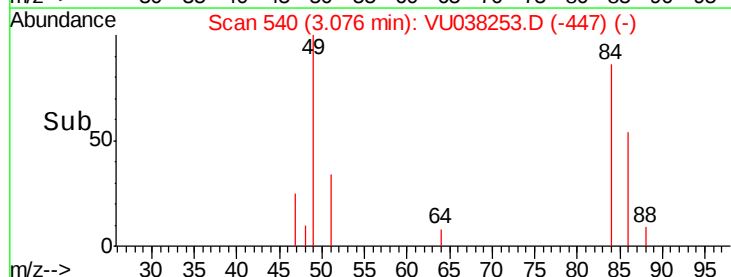
1500

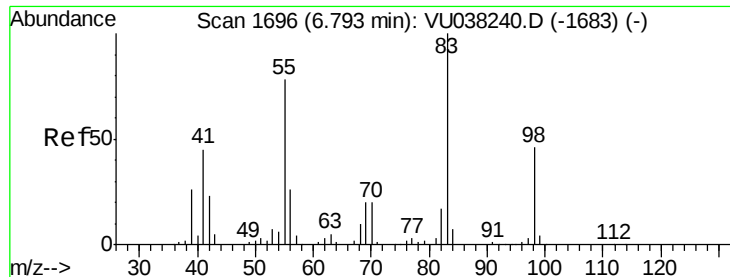
1000

500

0

Time-->

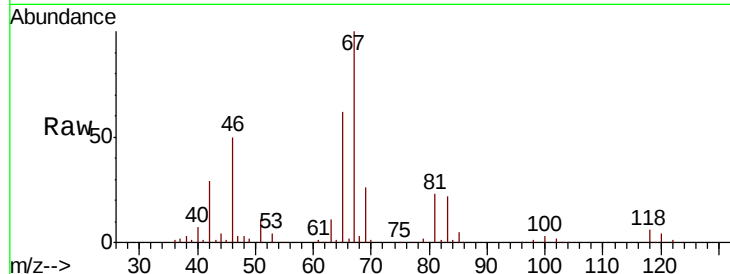




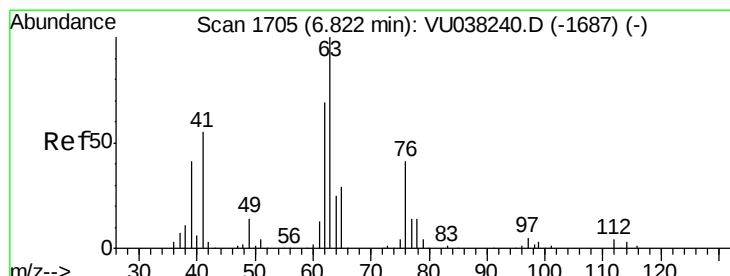
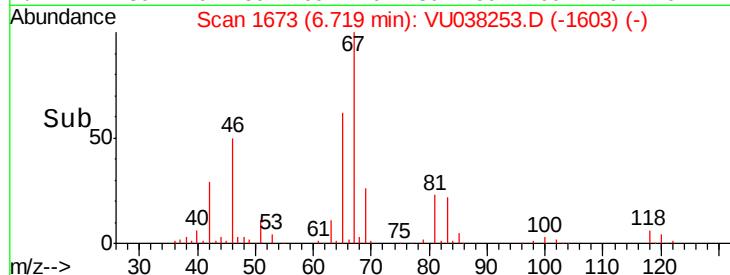
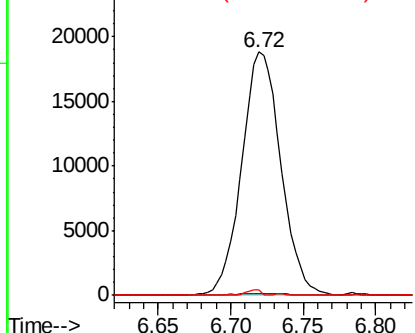
#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038253.D
Acq: 20 May 2020 17:24

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 35402
Ion Ratio Lower Upper
83 100
55 0.9 66.7 100.1#
98 0.8 39.4 59.2#

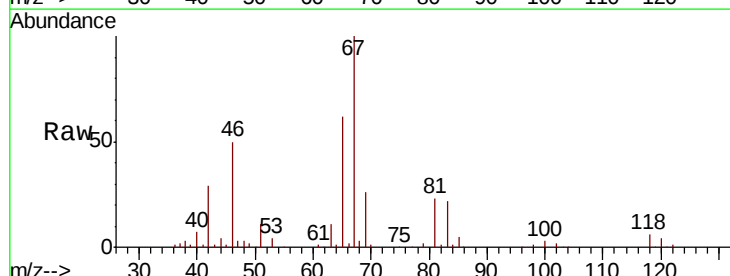


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

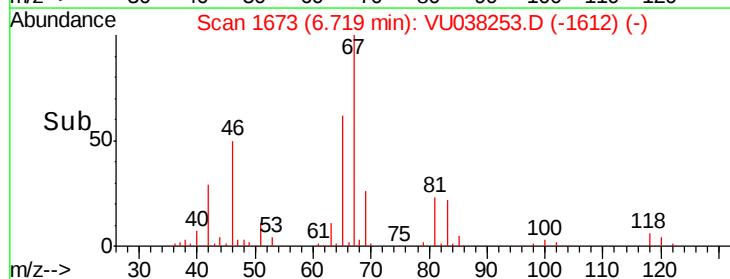
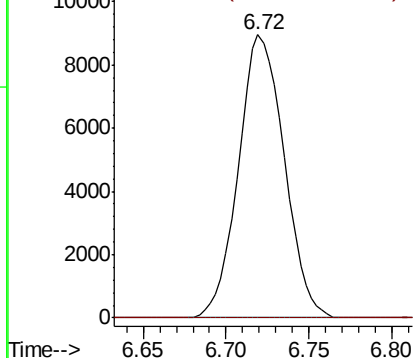


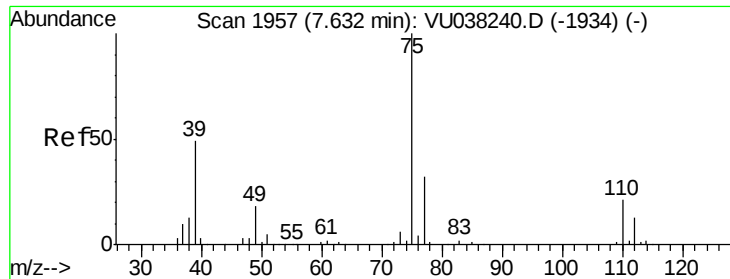
#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038253.D
Acq: 20 May 2020 17:24

Tgt Ion: 63 Resp: 17139
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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

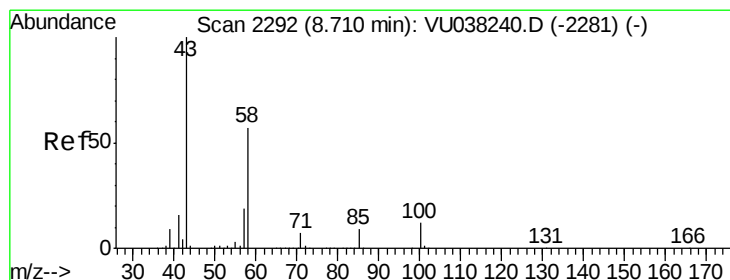
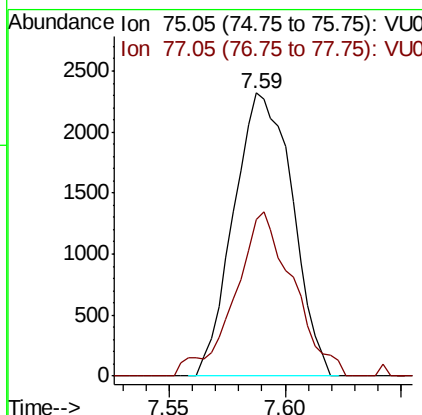
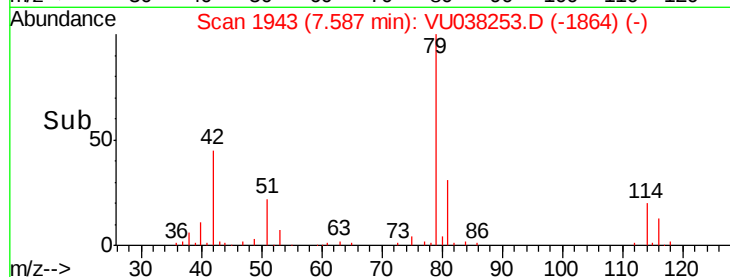
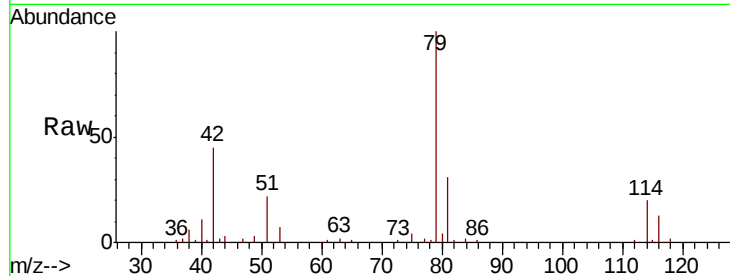




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038253.D
 Acq: 20 May 2020 17:24

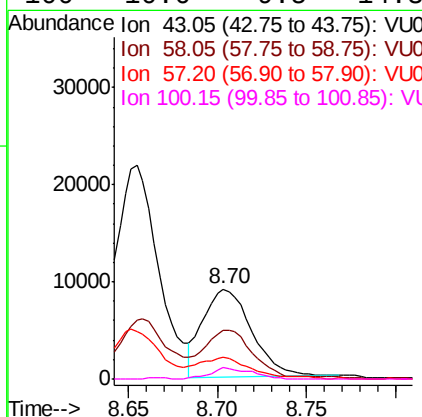
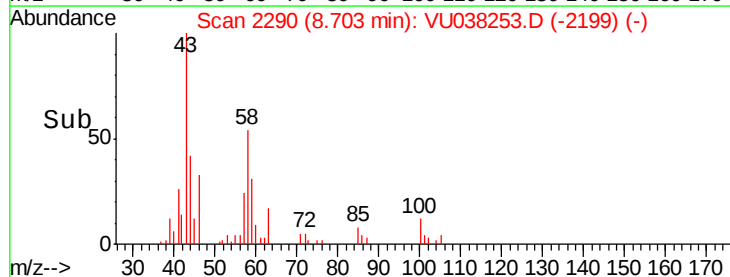
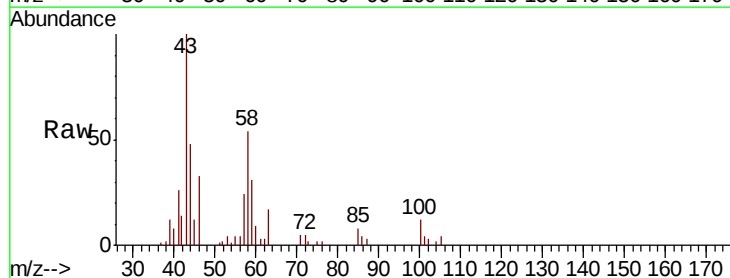
Instrument :
 MSVOA_U
 ClientSampleId :

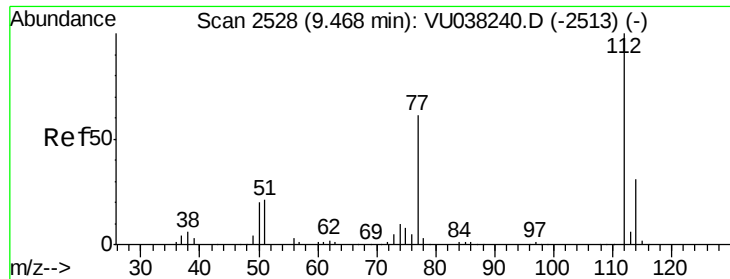
Tot Ion: 75 Resp: 4084
 Ion Ratio Lower Upper
 75 100
 77 55.3 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.138 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: VU038253.D
 Acq: 20 May 2020 17:24

Tgt Ion: 43 Resp: 17142
 Ion Ratio Lower Upper
 43 100
 58 51.7 45.2 67.8
 57 26.1 15.5 23.3#
 100 10.6 9.5 14.3





#51

Chlorobenzene

Concen: 0.171 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038253.D

Acq: 20 May 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

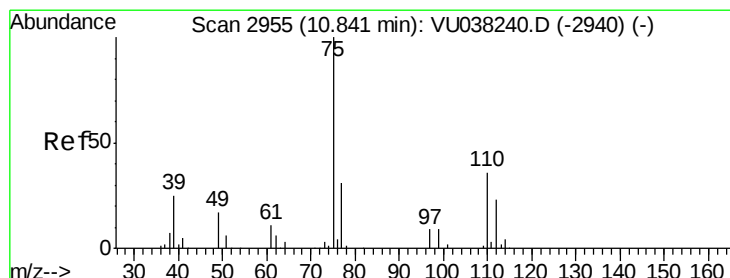
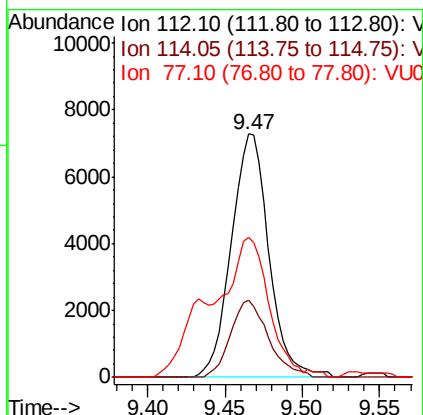
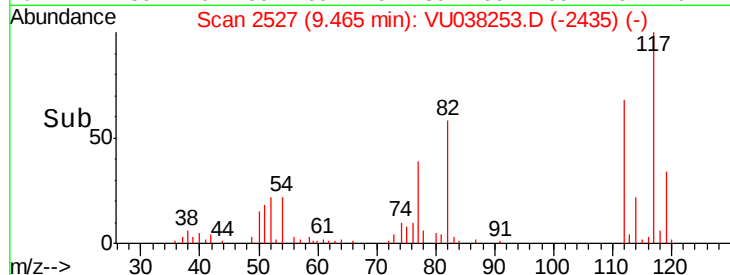
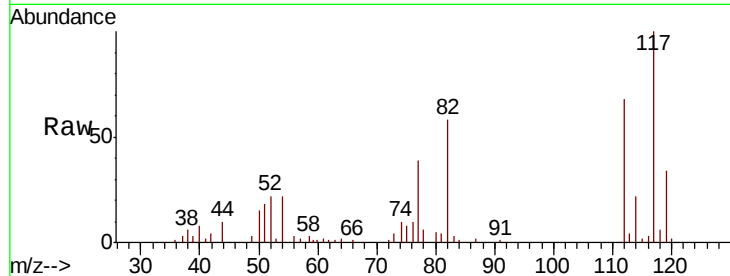
Tot Ion:112 Resp: 12274

Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

77 57.7 49.9 74.9



#59

1,2,3-Trichloropropane

Concen: 1.158 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038253.D

Acq: 20 May 2020 17:24

Tgt Ion: 75 Resp: 23066

Ion Ratio Lower Upper

75 100

77 34.6 25.4 38.0

