

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052220\
 Data File : VU038282.D
 Acq On : 22 May 2020 17:06
 Operator : JC/MD
 Sample : L2724-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 22 22:21:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 22:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	328865	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	318970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157493	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102357	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.93	69	97593	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.00%
11) 1,1-Dichloroethene-d2	2.59	63	156524	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.66	46	380489	51.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	5.10	84	218857	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.74	65	129331	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	453758	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.72	67	147168	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.92	98	399000	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.20	79	55826	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.65	63	303496	52.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118894	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	158718	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

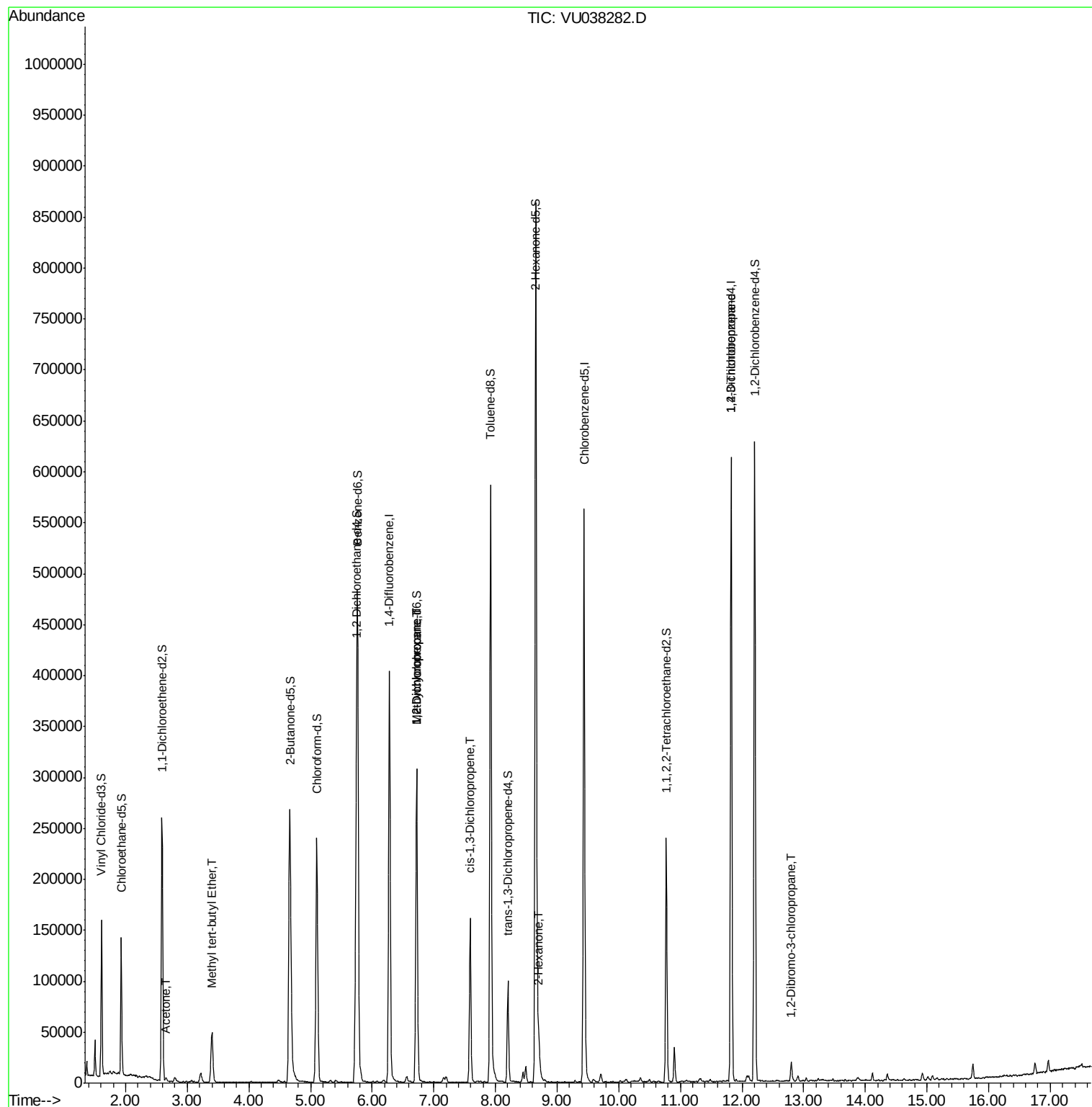
					Ovalue
13) Acetone	2.65	43	4184	0.899 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	51708	0.815 ug/L	97
35) Methylcyclohexane	6.72	83	32942	0.796 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15997	0.577 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3860	0.097 ug/L #	59
48) 2-Hexanone	8.71	43	22943	1.629 ug/L	92
59) 1,2,3-Trichloropropane	11.82	75	20485	1.100 ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.80	75	682	0.169 ug/L #	8

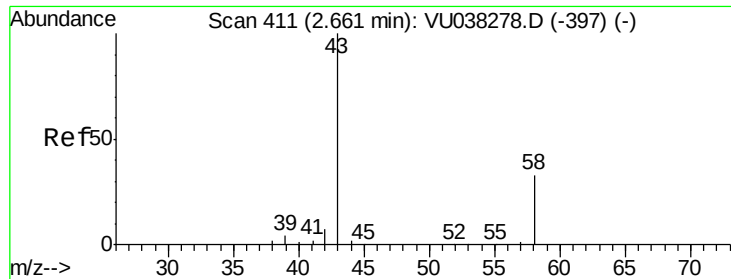
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.899 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU038282.D

Acq: 22 May 2020 17:06

Instrument :

MSVOA_U

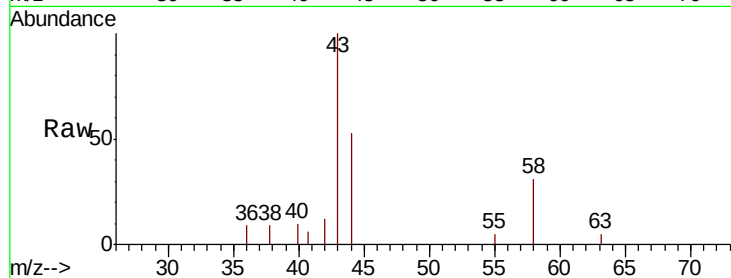
ClientSampleId :

Tot Ion: 43 Resp: 4184

Ion Ratio Lower Upper

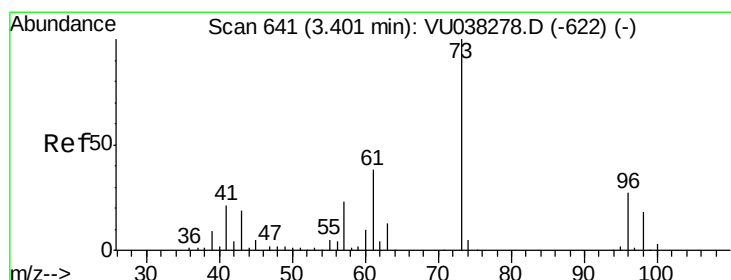
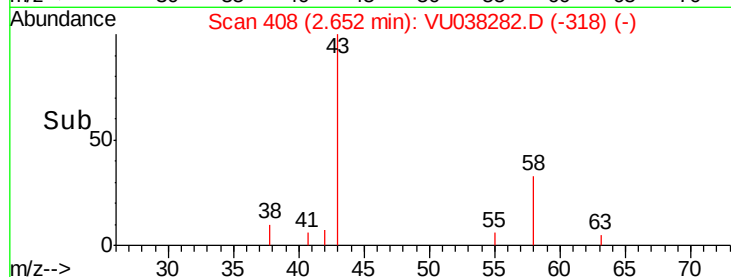
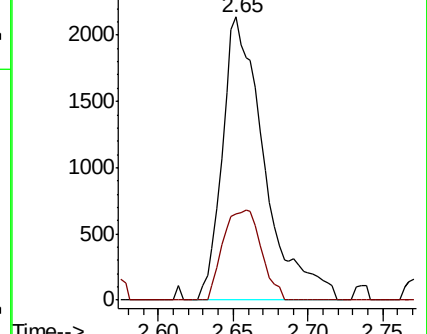
43 100

58 28.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038282.D (-408) (-)

Ion 58.05 (57.75 to 58.75): VU038282.D (-408) (-)



#17

Methyl tert-butyl Ether

Concen: 0.815 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038282.D

Acq: 22 May 2020 17:06

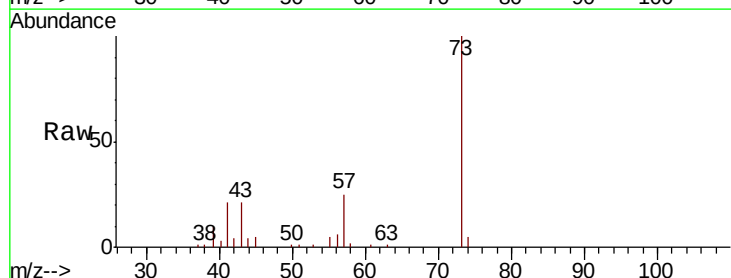
Tgt Ion: 73 Resp: 51708

Ion Ratio Lower Upper

73 100

43 21.5 16.9 25.3

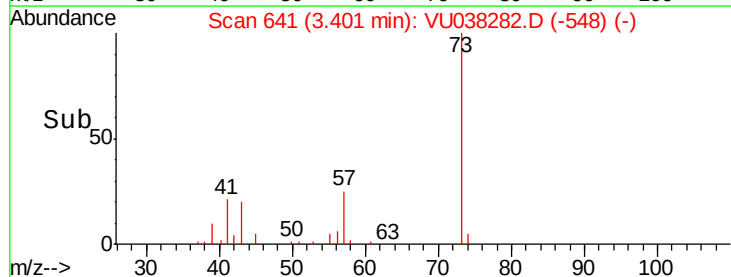
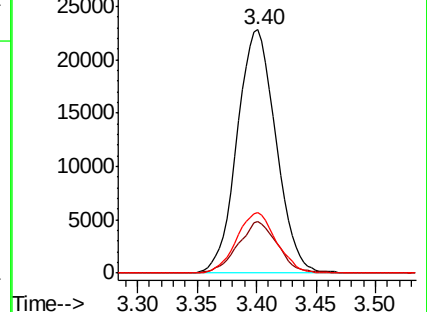
57 25.4 18.2 27.2

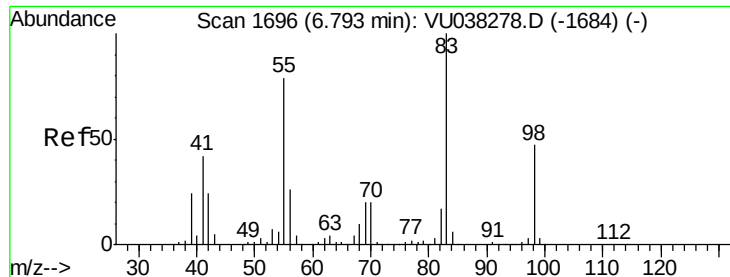


Abundance Ion 73.10 (72.80 to 73.80): VU038282.D (-641) (-)

Ion 43.05 (42.75 to 43.75): VU038282.D (-641) (-)

Ion 57.10 (56.80 to 57.80): VU038282.D (-641) (-)

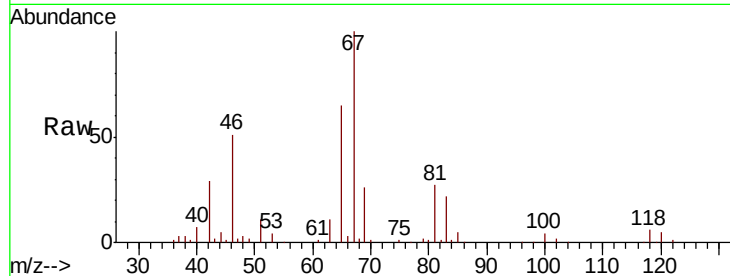




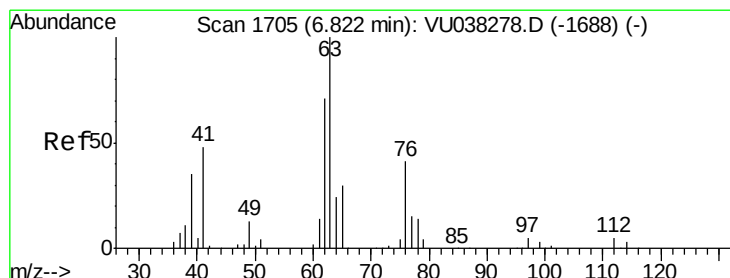
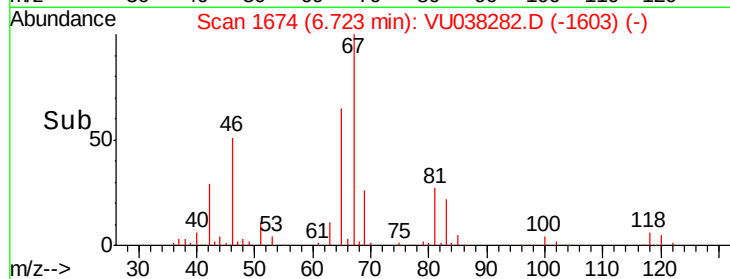
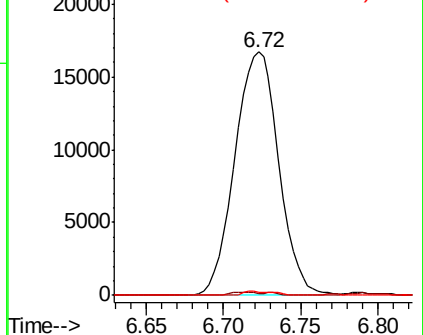
#35
Methylvlcyclohexane
Concen: 0.796 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038282.D
Acq: 22 May 2020 17:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 32942
Ion Ratio Lower Upper
83 100
55 0.6 66.7 100.1#
98 1.1 39.4 59.2#

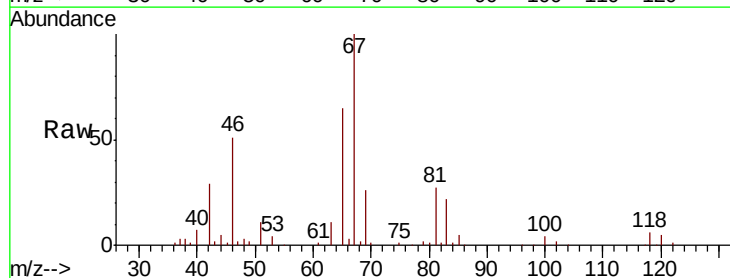


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

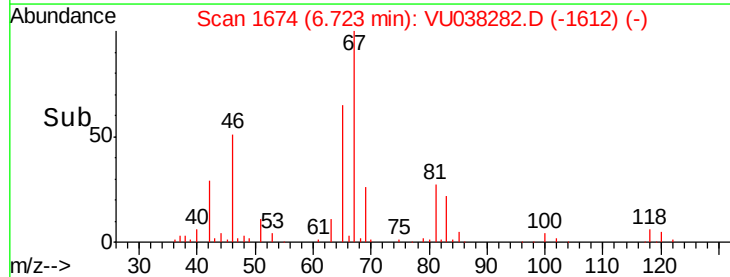
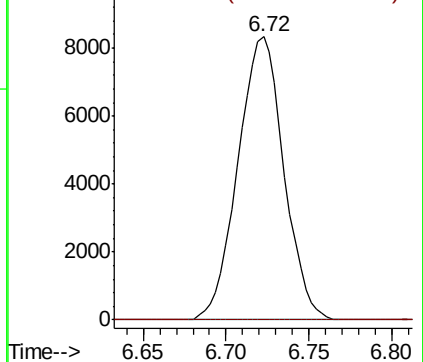


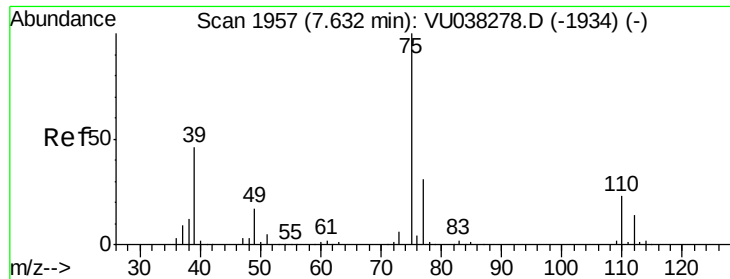
#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038282.D
Acq: 22 May 2020 17:06

Tgt Ion: 63 Resp: 15997
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

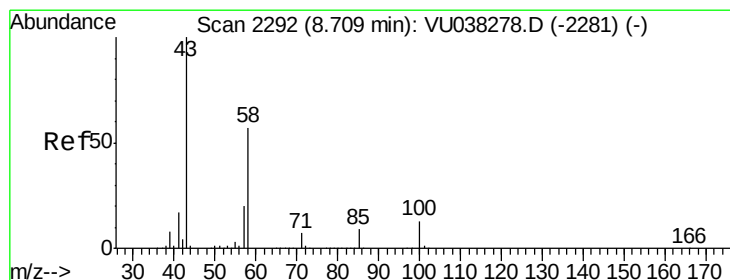
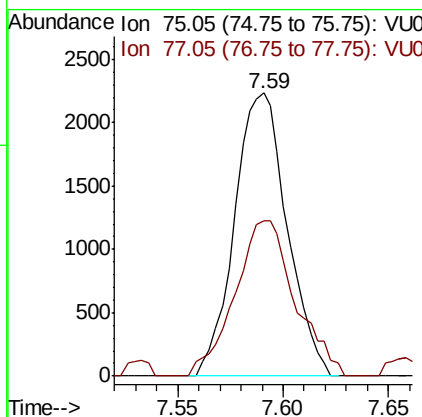
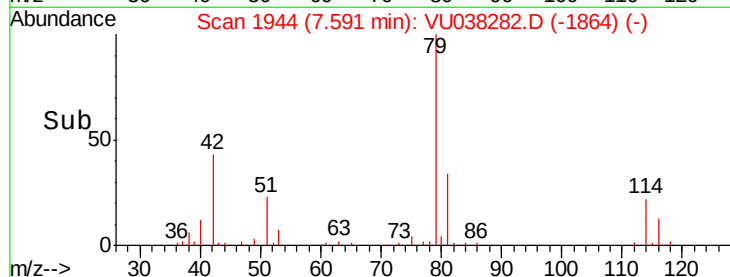
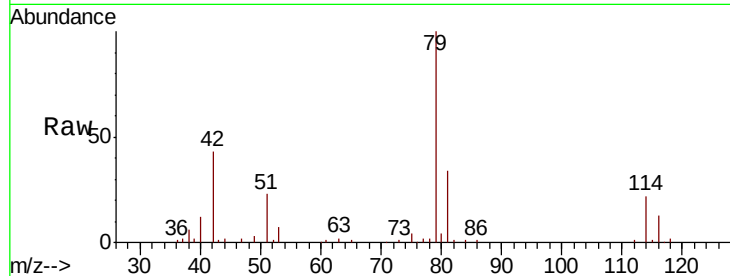




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038282.D
 Acq: 22 May 2020 17:06

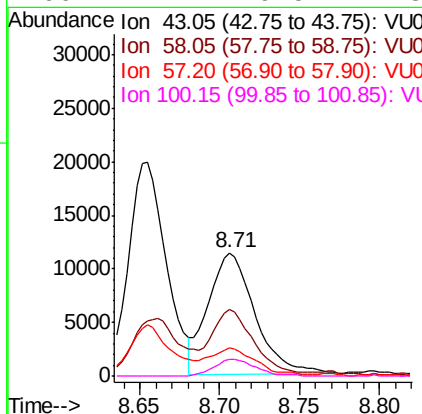
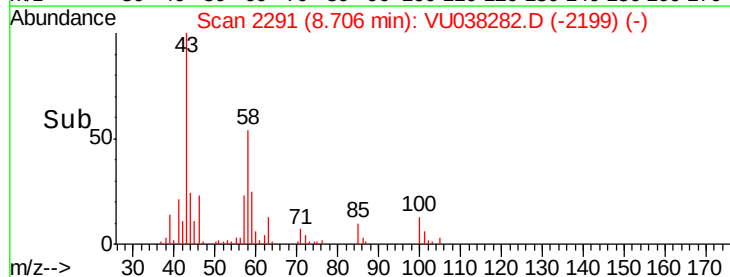
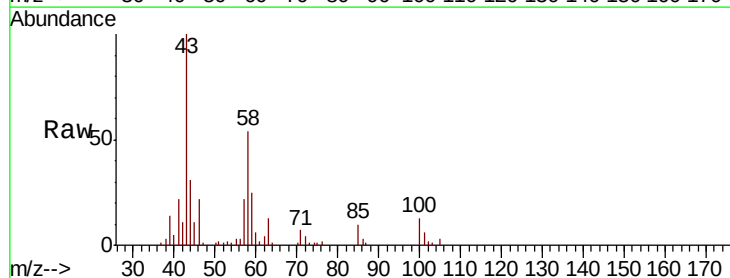
Instrument :
 MSVOA_U
 ClientSampled :

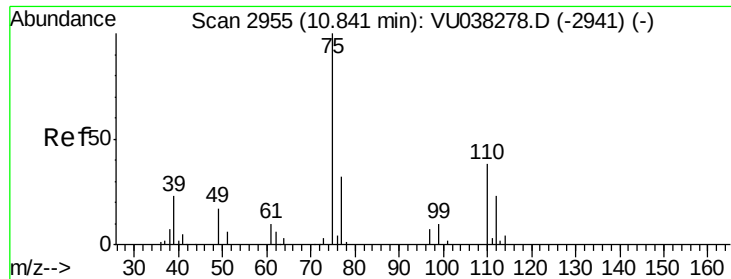
Tot Ion: 75 Resp: 3860
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.629 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038282.D
 Acq: 22 May 2020 17:06

Tgt Ion: 43 Resp: 22943
 Ion Ratio Lower Upper
 43 100
 58 48.6 45.2 67.8
 57 22.3 15.5 23.3
 100 12.2 9.5 14.3

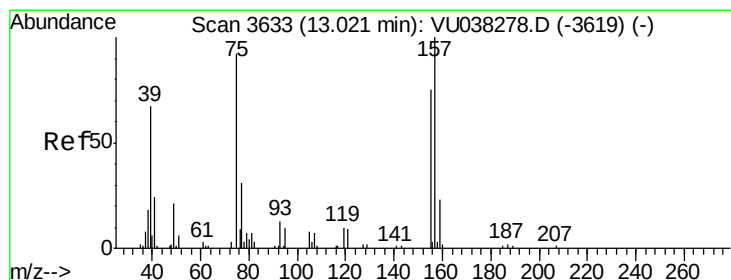
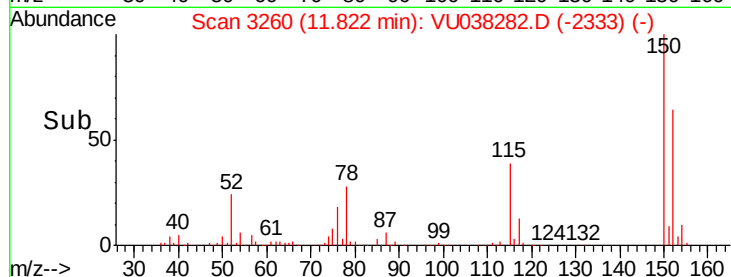
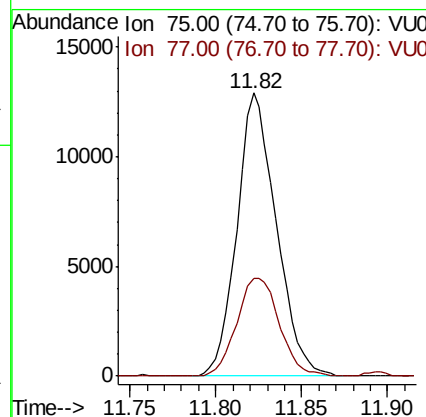
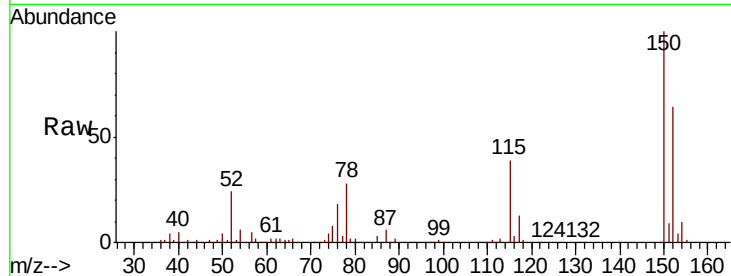




#59
 1,2,3-Trichloropropane
 Concen: 1.100 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038282.D
 Acq: 22 May 2020 17:06

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 20485
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.4 38.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.169 ug/L
 RT: 12.80 min Scan# 3564
 Delta R.T. -0.22 min
 Lab File: VU038282.D
 Acq: 22 May 2020 17:06

Tgt Ion: 75 Resp: 682
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.2#
 157 0.0 72.9 109.3#

