

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052220\
 Data File : VU038285.D
 Acq On : 22 May 2020 18:16
 Operator : JC/MD
 Sample : L2724-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 22 22:22:13 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	330048	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	318017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100159	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	1.93	69	94363	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.59	63	154664	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.66	46	370952	49.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.60%
24) Chloroform-d	5.10	84	211981	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.74	65	125231	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.76	84	445887	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.72	67	142551	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.92	98	388933	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	52499	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.65	63	295478	50.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115844	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	152749	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

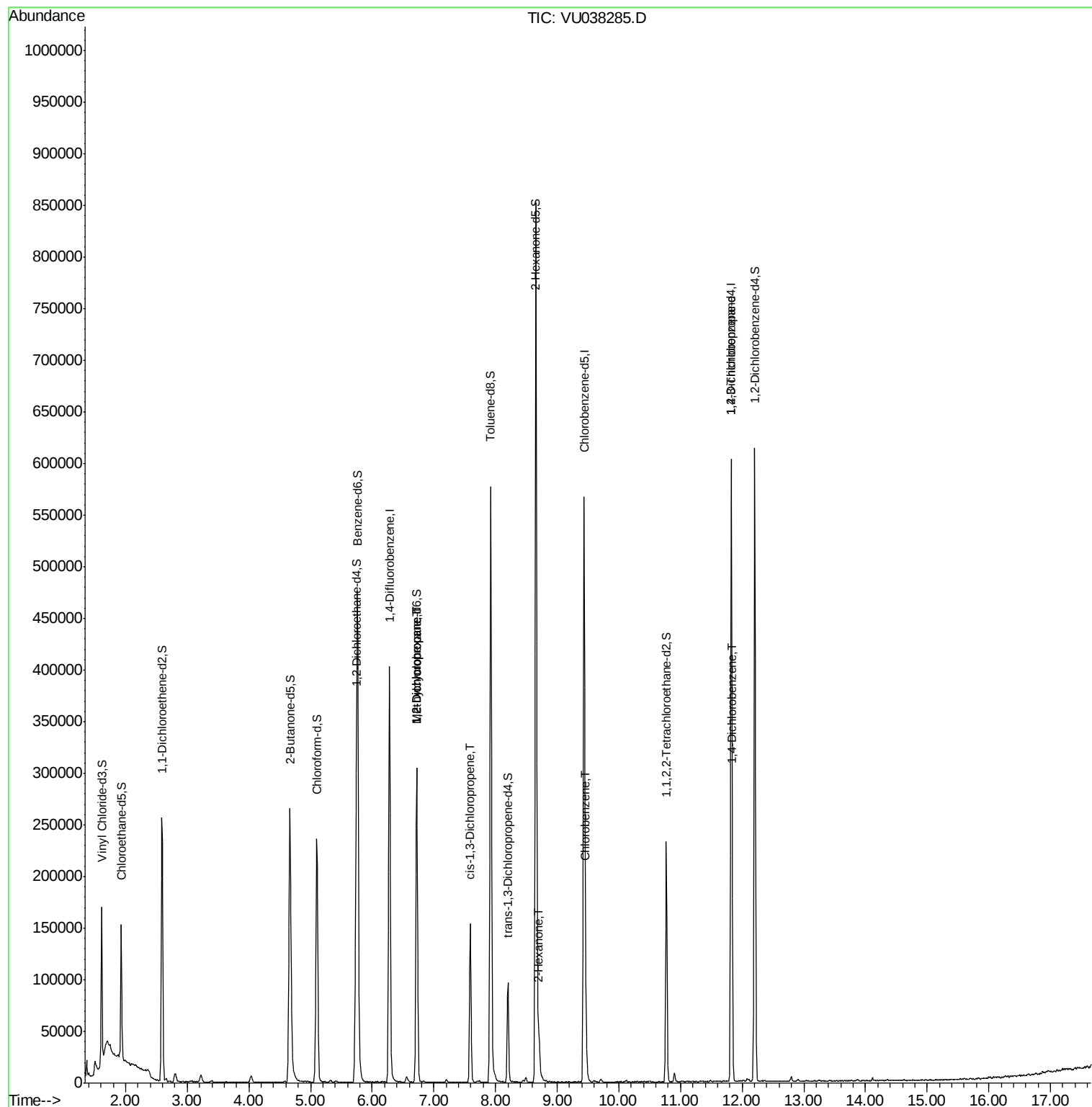
					Ovalue
35) Methylcyclohexane	6.72	83	33640	0.815 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15010	0.543 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3934	0.099 ug/L #	64
48) 2-Hexanone	8.71	43	22742	1.620 ug/L #	93
51) Chlorobenzene	9.47	112	35279	0.529 ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	22162	1.194 ug/L	93
63) 1,4-Dichlorobenzene	11.85	146	5211	0.103 ug/L	90

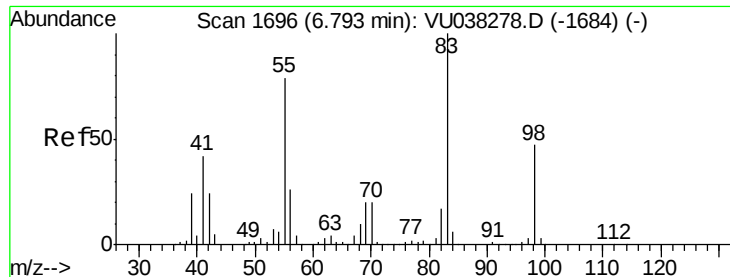
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052220\
Data File : VU038285.D
Acq On : 22 May 2020 18:16
Operator : JC/MD
Sample : L2724-17
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 22 22:22:13 2020
Quant Method : Z:\V0ASRV\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

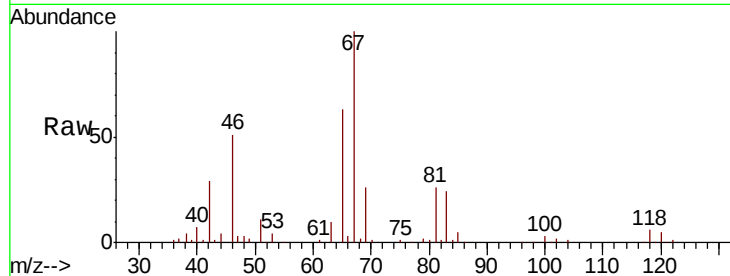




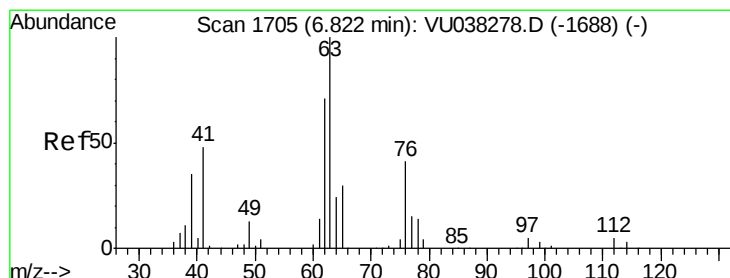
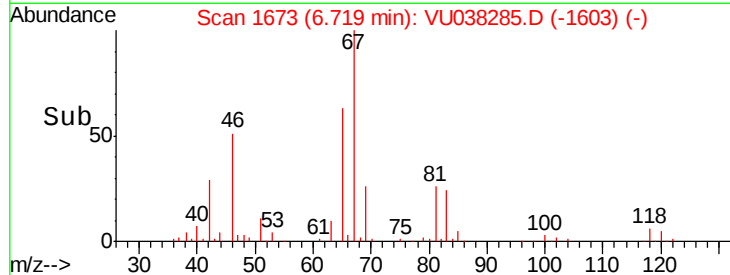
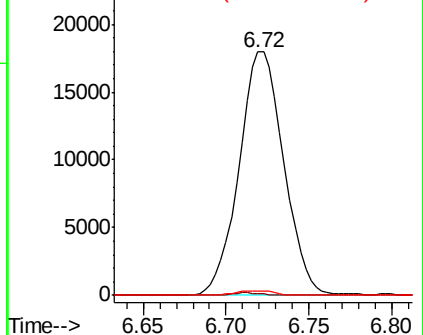
#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038285.D
Acq: 22 May 2020 18:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 33640
Ion Ratio Lower Upper
83 100
55 0.6 66.7 100.1#
98 1.7 39.4 59.2#

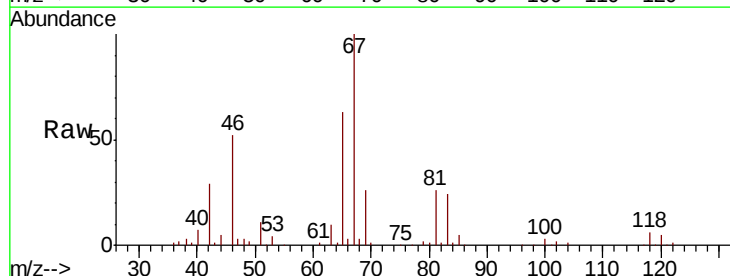


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

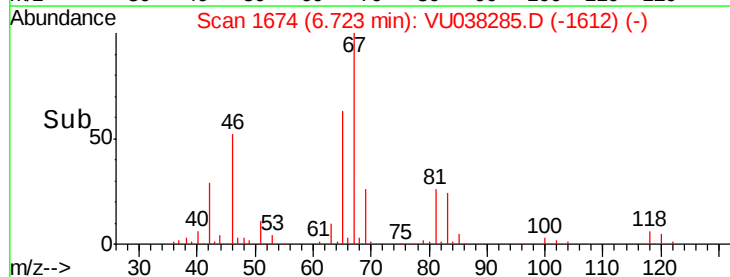
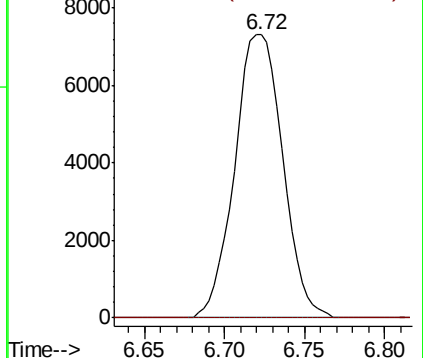


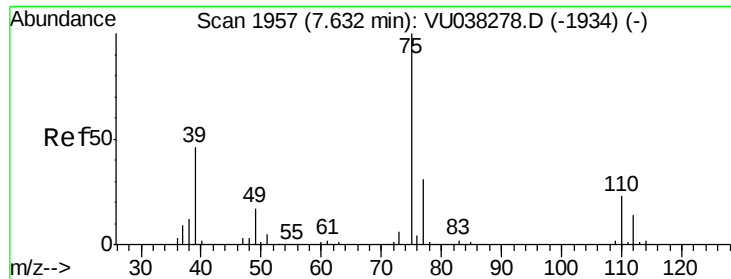
#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038285.D
Acq: 22 May 2020 18:16

Tgt Ion: 63 Resp: 15010
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

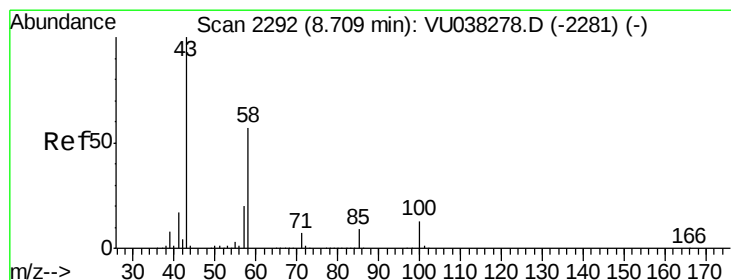
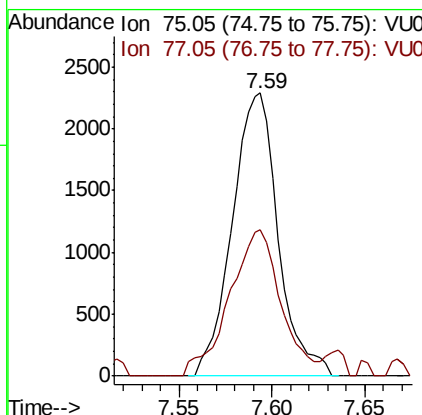
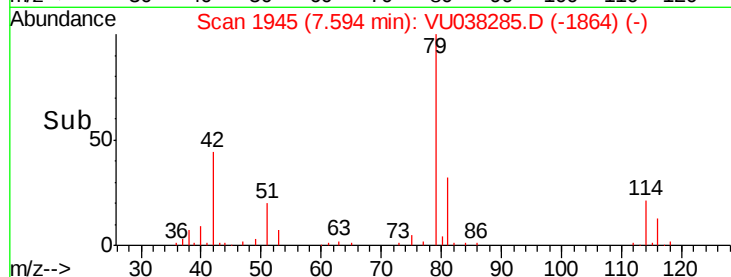
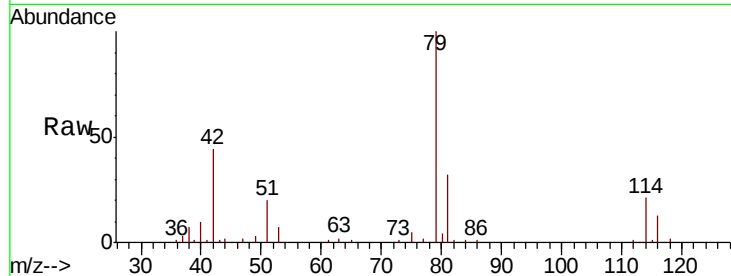




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038285.D
 Acq: 22 May 2020 18:16

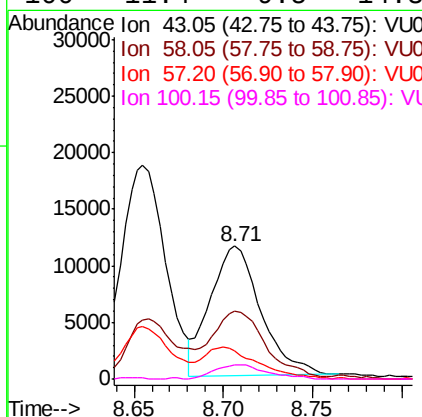
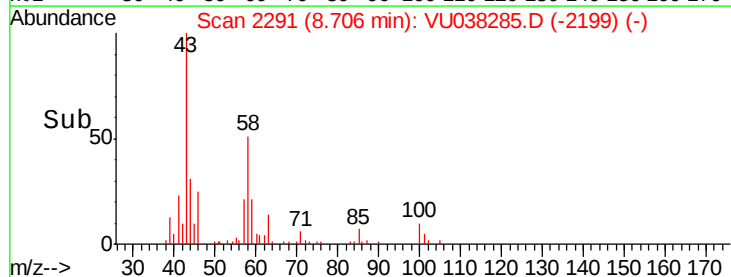
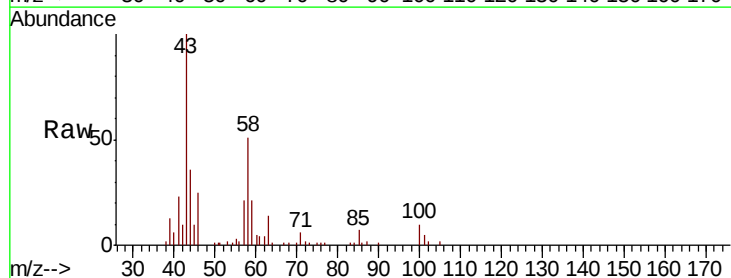
Instrument :
 MSVOA_U
 ClientSampled :

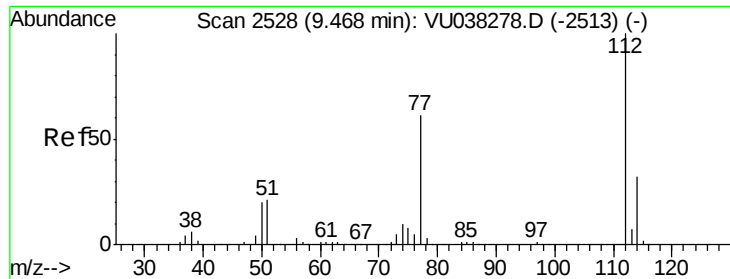
Tot Ion: 75 Resp: 3934
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.620 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038285.D
 Acq: 22 May 2020 18:16

Tgt Ion: 43 Resp: 22742
 Ion Ratio Lower Upper
 43 100
 58 52.4 45.2 67.8
 57 25.8 15.5 23.3#
 100 11.4 9.5 14.3





#51

Chlorobenzene

Concen: 0.529 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038285.D

Acq: 22 May 2020 18:16

Instrument :

MSVOA_U

ClientSampled :

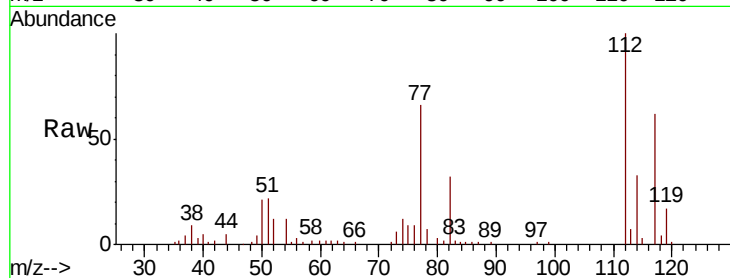
Tot Ion:112 Resp: 35279

Ion Ratio Lower Upper

112 100

114 33.0 22.5 41.7

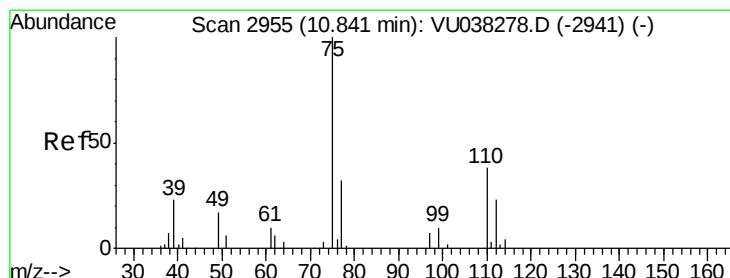
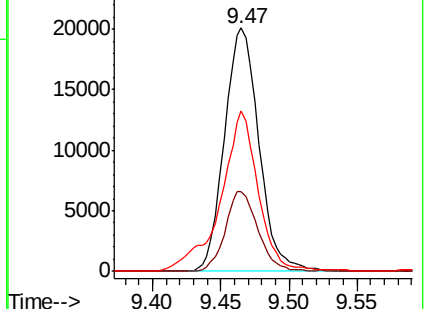
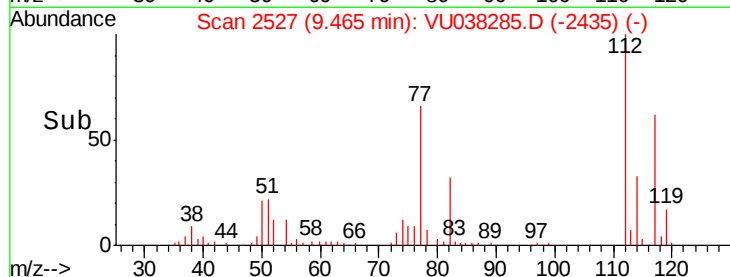
77 66.0 49.9 74.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 1.194 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038285.D

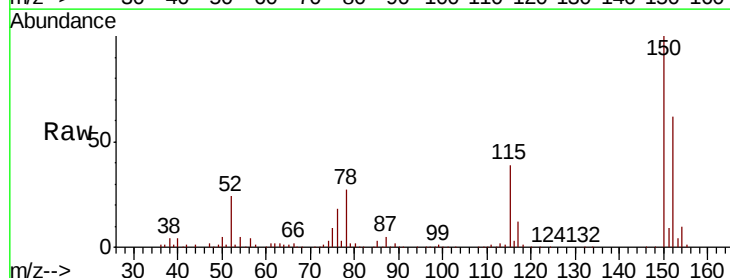
Acq: 22 May 2020 18:16

Tgt Ion: 75 Resp: 22162

Ion Ratio Lower Upper

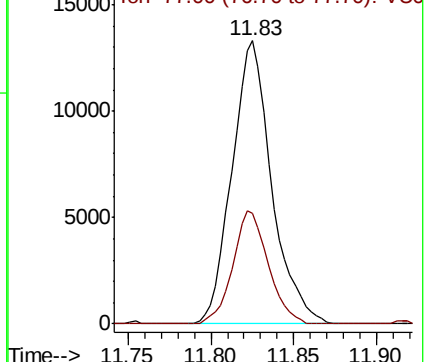
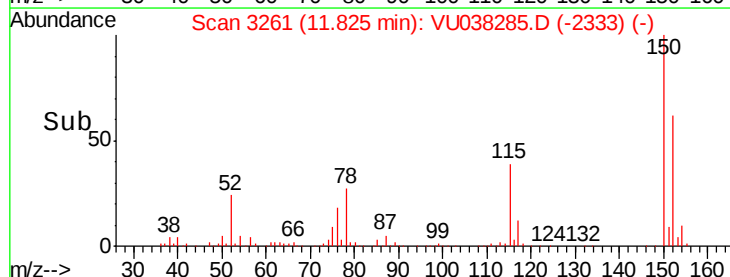
75 100

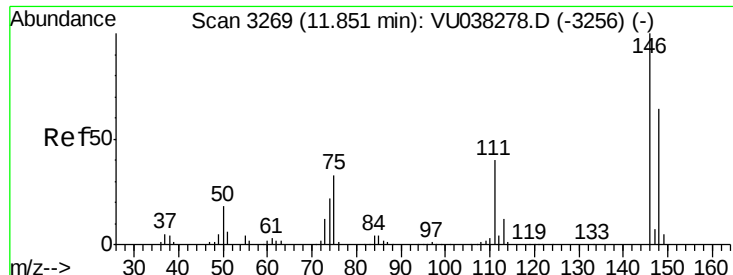
77 35.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU





#63

1,4-Dichlorobenzene

Concen: 0.103 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038285.D

Acq: 22 May 2020 18:16

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:146 Resp: 5211

Ion Ratio Lower Upper

146 100

111 44.6 27.2 50.6

148 70.1 43.8 81.3

