

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052220\
 Data File : VU038283.D
 Acq On : 22 May 2020 17:29
 Operator : JC/MD
 Sample : L2724-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 22 22:21:57 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	321559	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311894	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153639	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102518	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.93	69	93345	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	2.59	63	152506	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.66	46	364812	50.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.54%
24) Chloroform-d	5.10	84	214703	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	126130	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.76	84	445815	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.72	67	140711	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.92	98	390339	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.20	79	53794	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.65	63	290284	50.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118353	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	154245	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

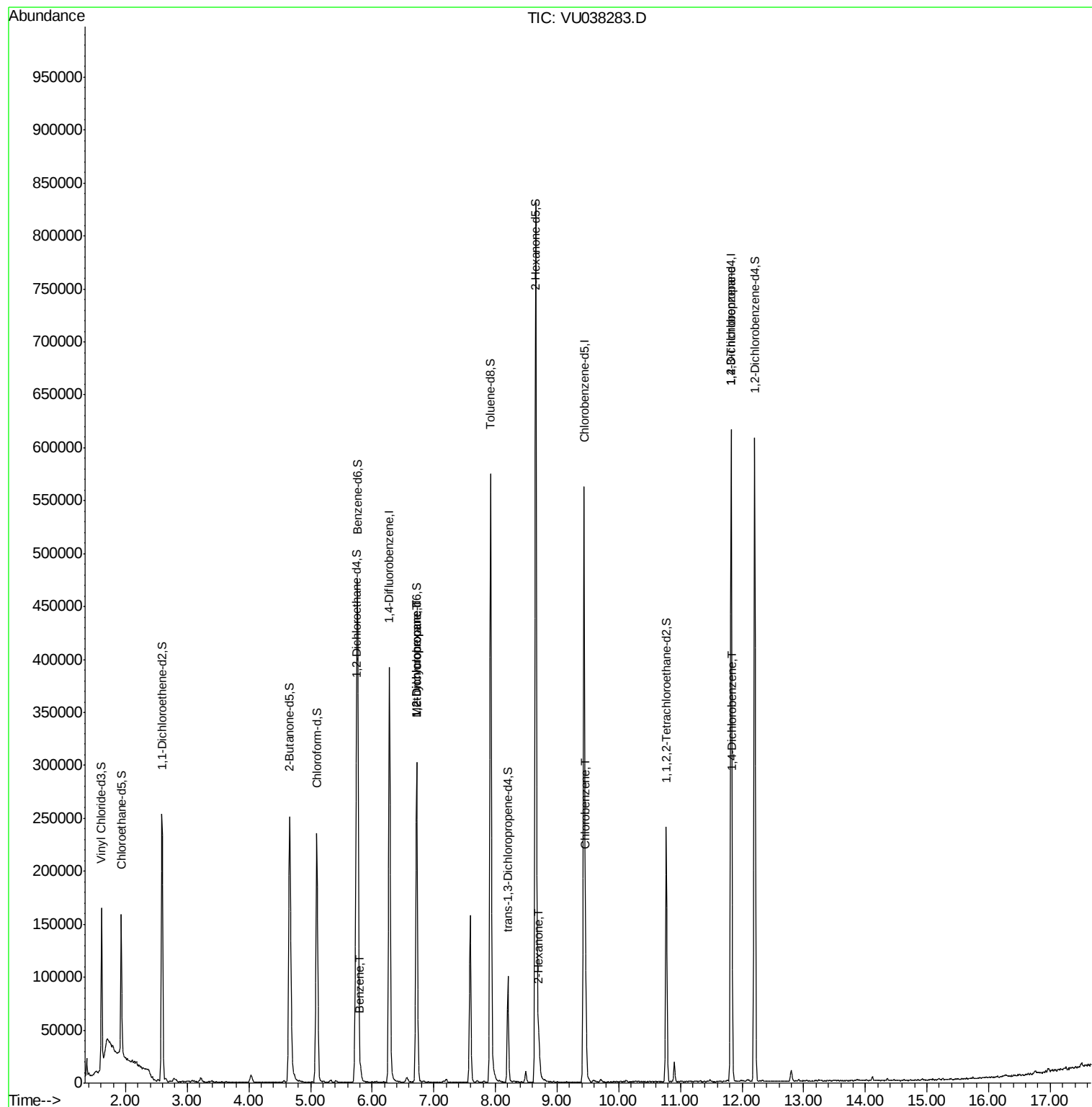
					Ovalue
33) Benzene	5.81	78	8753	0.088 ug/L	100
35) Methylcyclohexane	6.72	83	33104	0.818 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15393	0.567 ug/L #	88
48) 2-Hexanone	8.71	43	23953	1.740 ug/L	96
51) Chlorobenzene	9.47	112	35728	0.546 ug/L	97
59) 1,2,3-Trichloropropane	11.82	75	21395	1.175 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	5421	0.107 ug/L	94

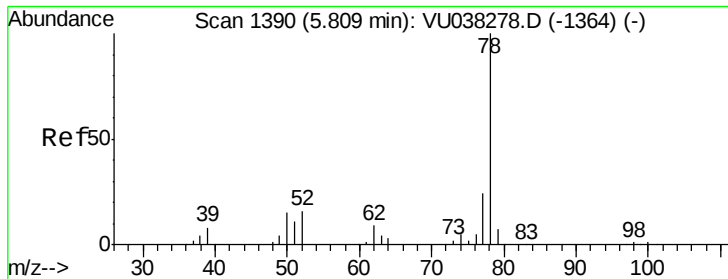
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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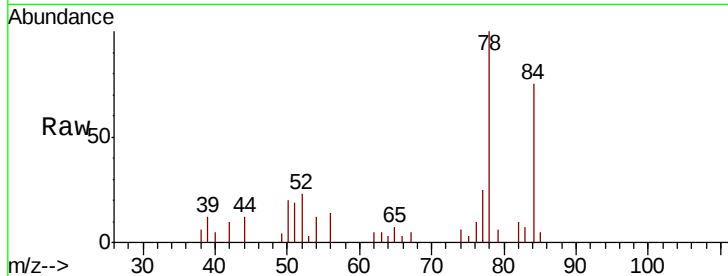




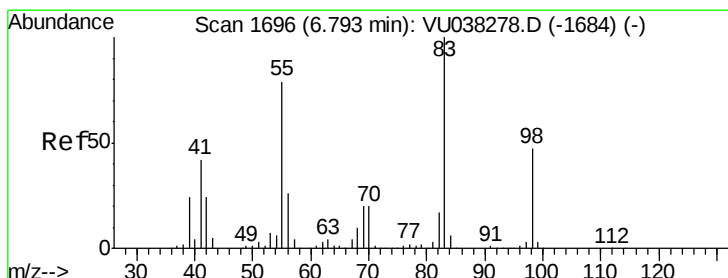
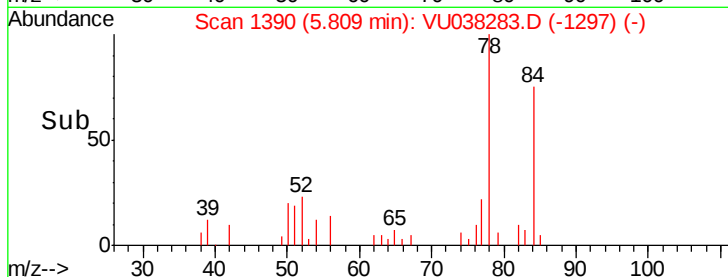
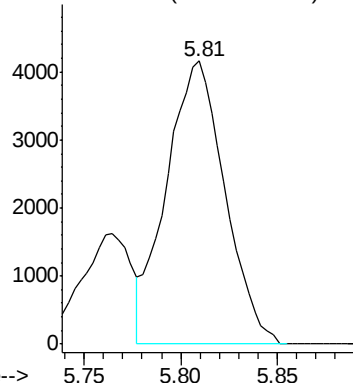
#33
Benzene
Concen: 0.088 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038283.D
Acq: 22 May 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 8753

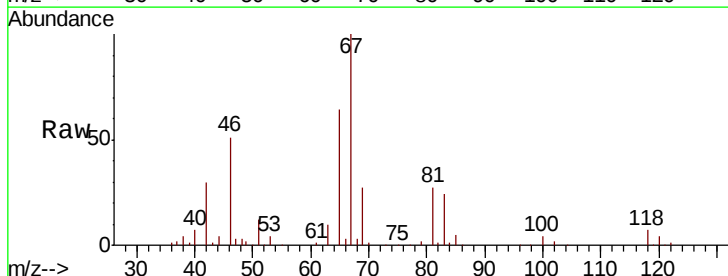


Abundance Ion 78.10 (77.80 to 78.80): VU0



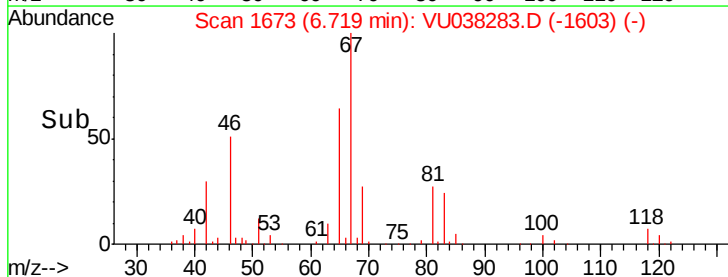
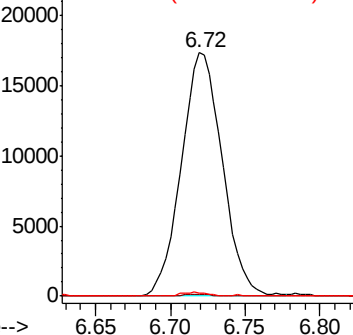
#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038283.D
Acq: 22 May 2020 17:29

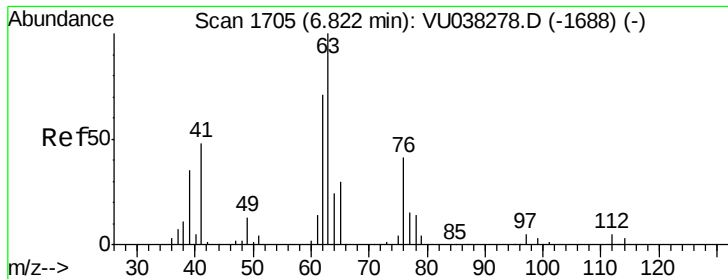
Tgt Ion: 83 Resp: 33104
Ion Ratio Lower Upper
83 100
55 0.4 66.7 100.1#
98 0.9 39.4 59.2#



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

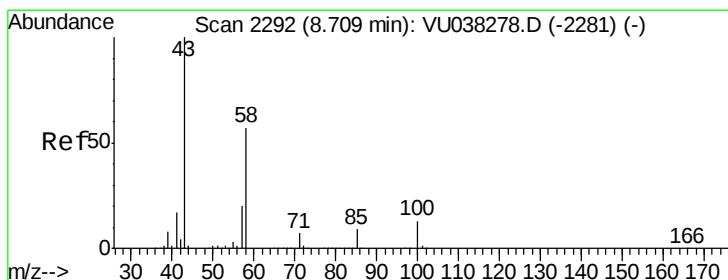
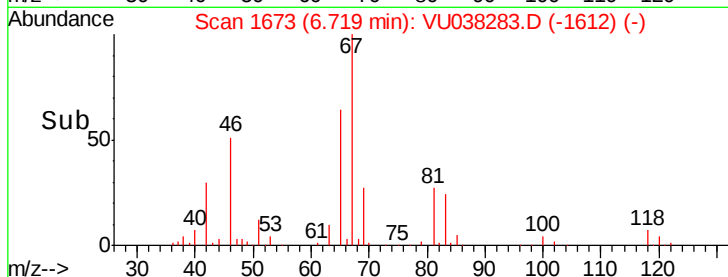
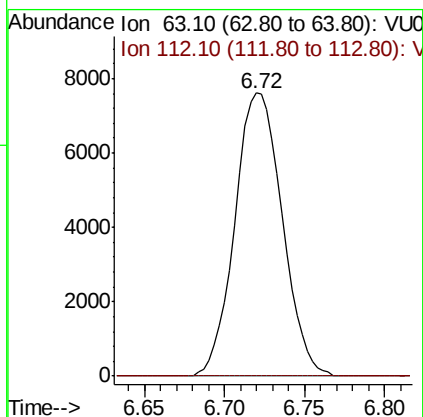
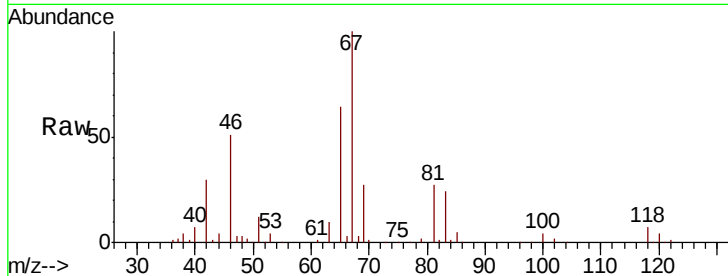




#37
 1,2-Dichloropropane
 Concen: 0.567 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038283.D
 Acq: 22 May 2020 17:29

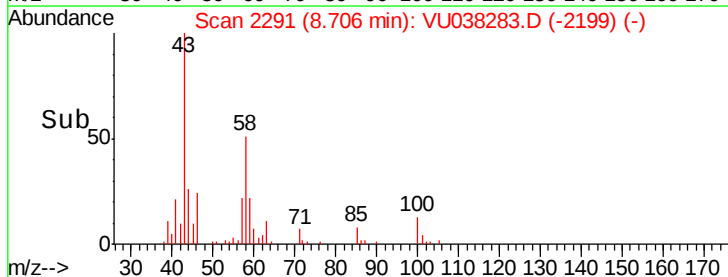
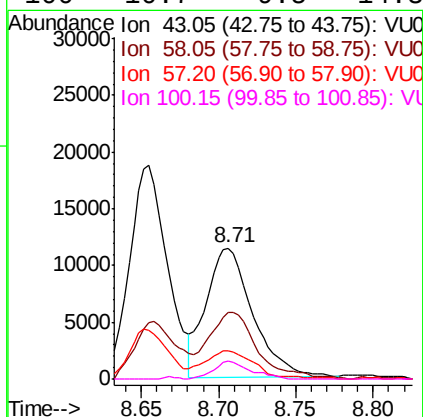
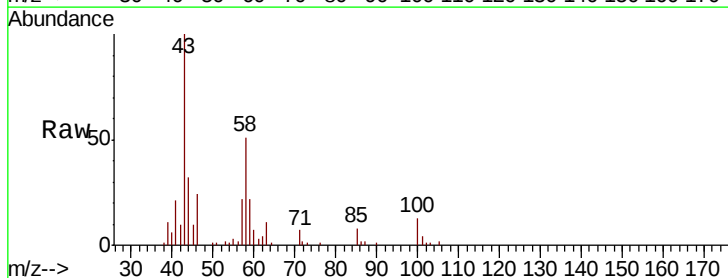
Instrument :
 MSVOA_U
 ClientSampled :

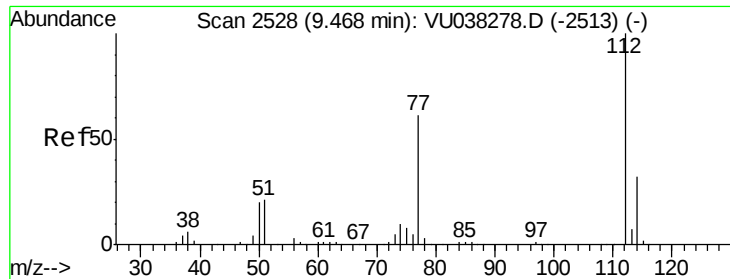
Tot Ion: 63 Resp: 15393
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#48
 2-Hexanone
 Concen: 1.740 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038283.D
 Acq: 22 May 2020 17:29

Tgt Ion: 43 Resp: 23953
 Ion Ratio Lower Upper
 43 100
 58 53.2 45.2 67.8
 57 21.7 15.5 23.3
 100 10.7 9.5 14.3





#51

Chlorobenzene

Concen: 0.546 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038283.D

Acq: 22 May 2020 17:29

Instrument :

MSVOA_U

ClientSampled :

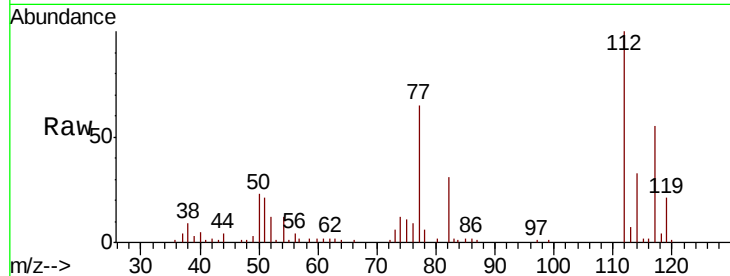
Tot Ion:112 Resp: 35728

Ion Ratio Lower Upper

112 100

114 33.2 22.5 41.7

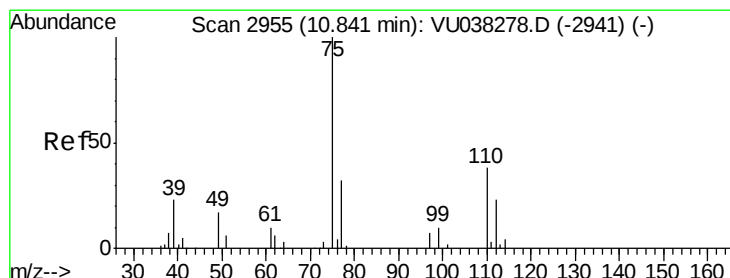
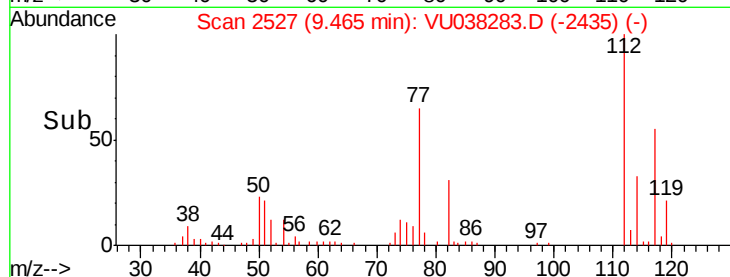
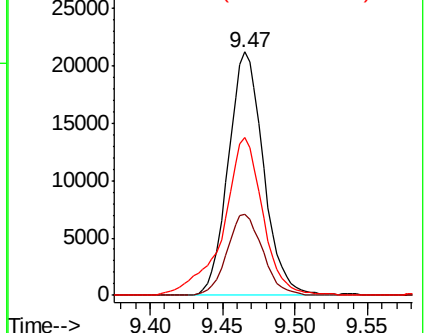
77 64.8 49.9 74.9



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): VU0



#59

1,2,3-Trichloropropane

Concen: 1.175 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038283.D

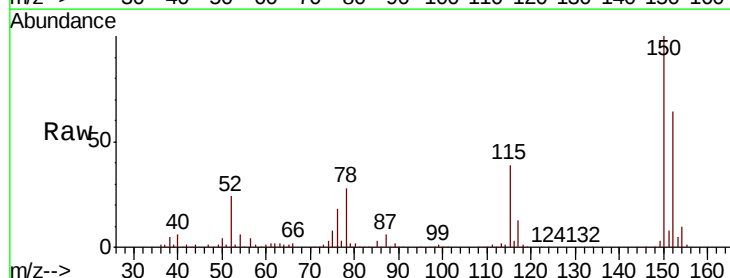
Acq: 22 May 2020 17:29

Tgt Ion: 75 Resp: 21395

Ion Ratio Lower Upper

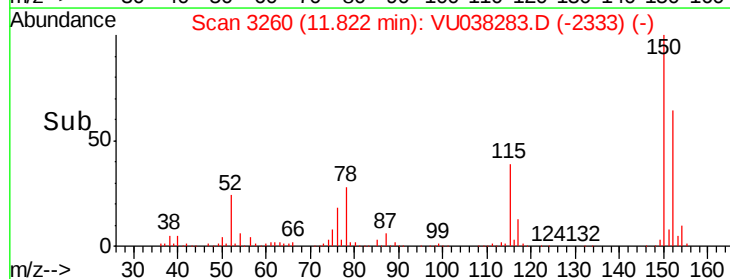
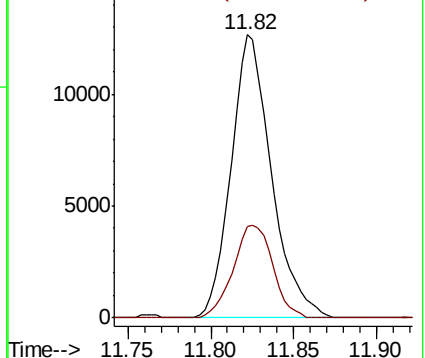
75 100

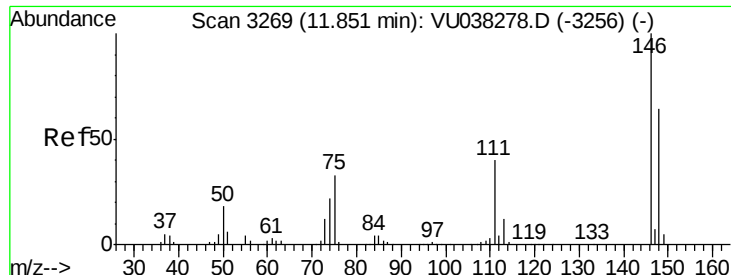
77 32.1 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#63

1,4-Dichlorobenzene

Concen: 0.107 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038283.D

Acq: 22 May 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

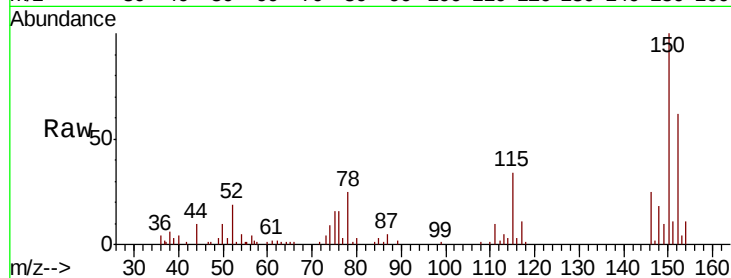
Tot Ion:146 Resp: 5421

Ion Ratio Lower Upper

146 100

111 38.8 27.2 50.6

148 70.1 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

