

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053020\
 Data File : VU038379.D
 Acq On : 29 May 2020 16:12
 Operator : JC/MD
 Sample : VU0530WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 30 00:04:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	277305	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	272594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130806	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123691	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.93	69	97791	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	184650	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.68	46	377208	60.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.54%
24) Chloroform-d	5.10	84	220029	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
26) 1,2-Dichloroethane-d4	5.74	65	131234	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.00%
32) Benzene-d6	5.76	84	463951	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
36) 1,2-Dichloropropane-d6	6.72	67	140795	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.92	98	391544	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	8.20	79	58954	5.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.60%
46) 2-Hexanone-d5	8.66	63	321896	64.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116383	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	152268	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

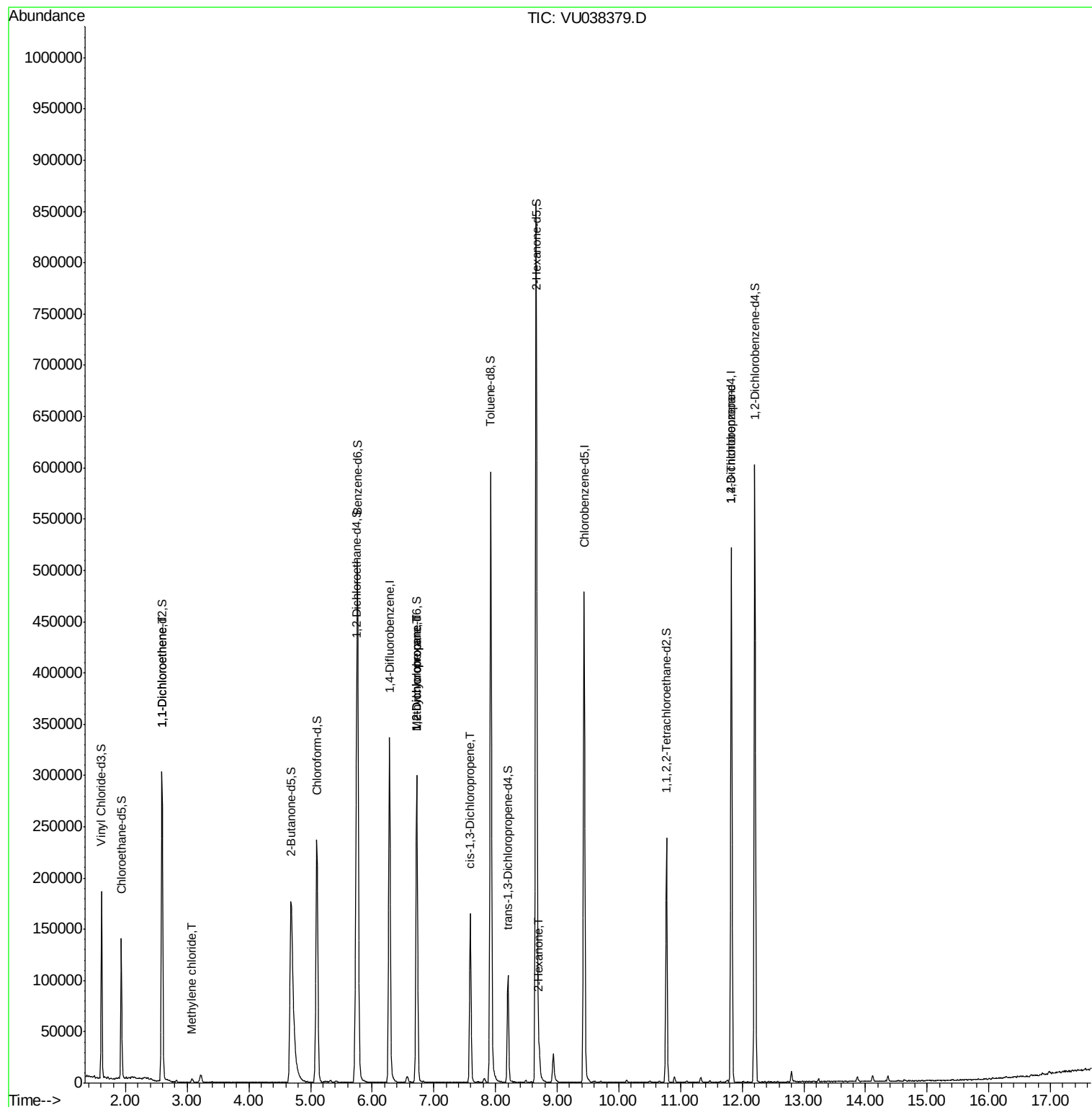
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1569	0.082 ug/L #	1
16) Methylene chloride	3.08	84	1572	0.070 ug/L	92
35) Methylcyclohexane	6.72	83	33273	0.941 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	14437	0.609 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3869	0.114 ug/L #	61
48) 2-Hexanone	8.71	43	13171	1.094 ug/L #	90
59) 1,2,3-Trichloropropane	11.82	75	17210	1.081 ug/L	94

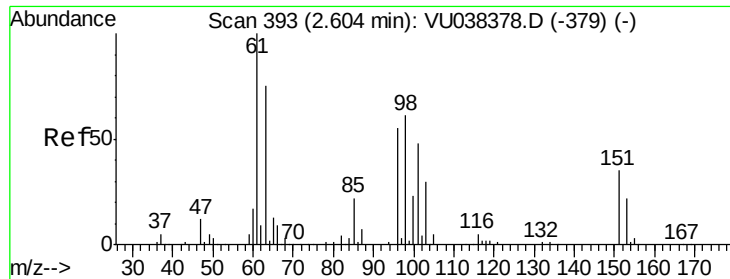
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038379.D

Acq: 29 May 2020 16:12

Instrument :
MSVOA_U
ClientSampleId :

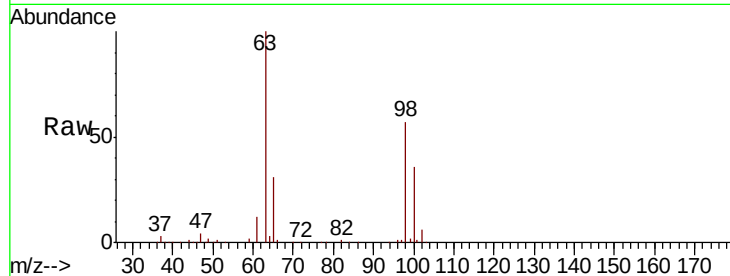
Tot Ion: 96 Resp: 1569

Ion Ratio Lower Upper

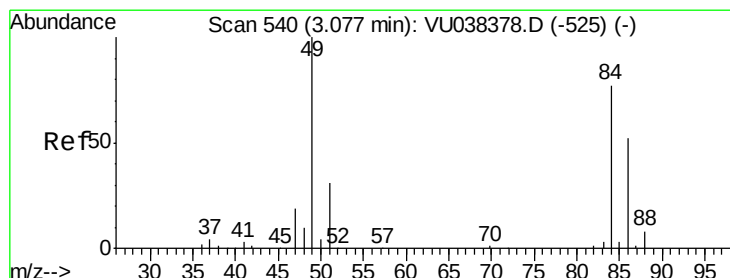
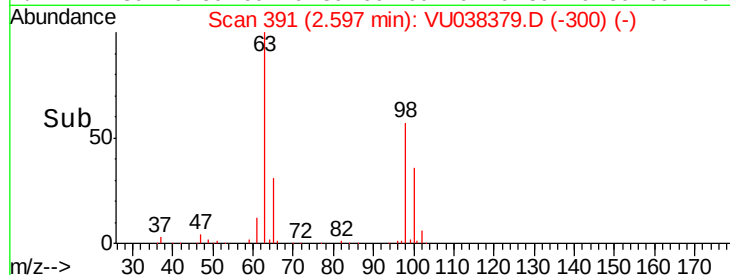
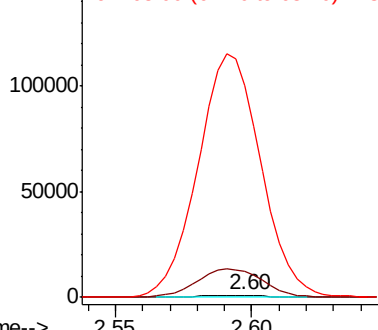
96 100

61 1137.3 126.2 234.4#

63 9418.8 96.9 179.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.070 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038379.D

Acq: 29 May 2020 16:12

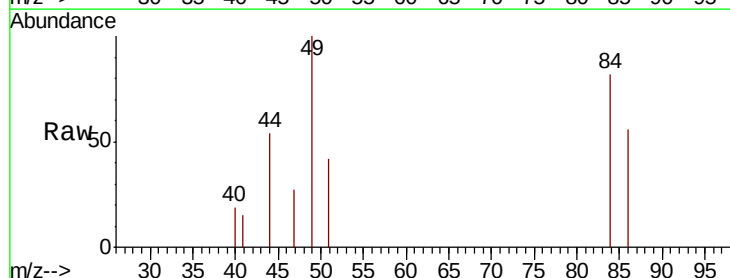
Tgt Ion: 84 Resp: 1572

Ion Ratio Lower Upper

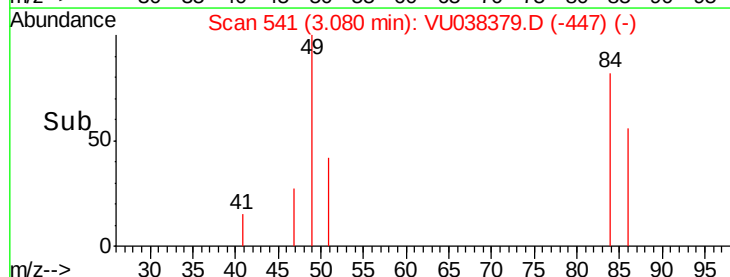
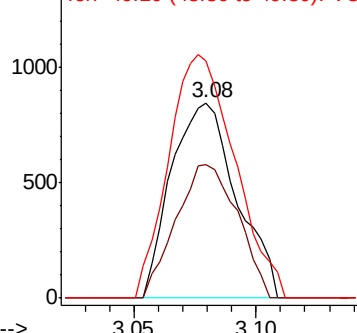
84 100

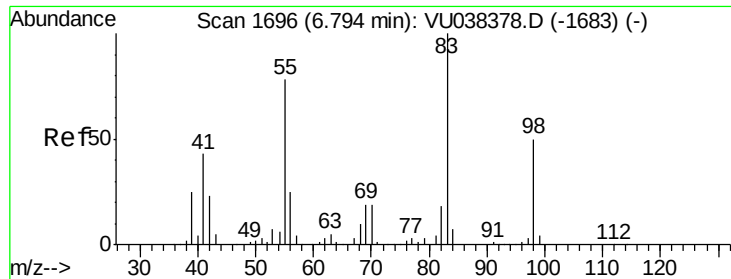
86 68.4 44.9 83.3

49 121.4 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

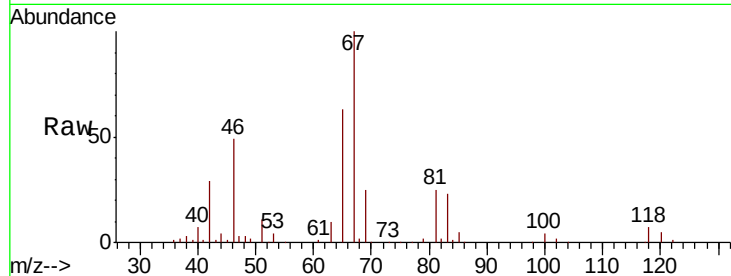




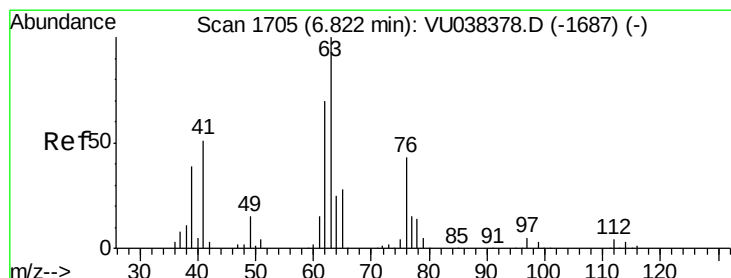
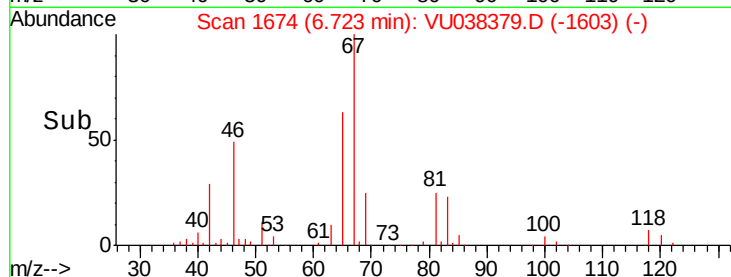
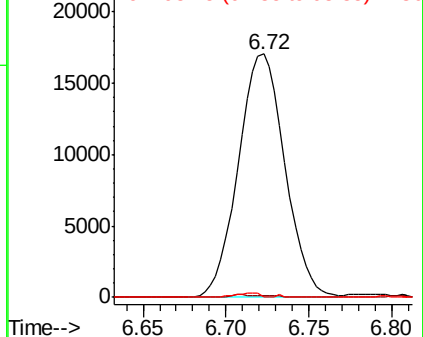
#35
Methylcyclohexane
Concen: 0.941 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038379.D
Acq: 29 May 2020 16:12

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 33273
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 0.9 39.4 59.2#

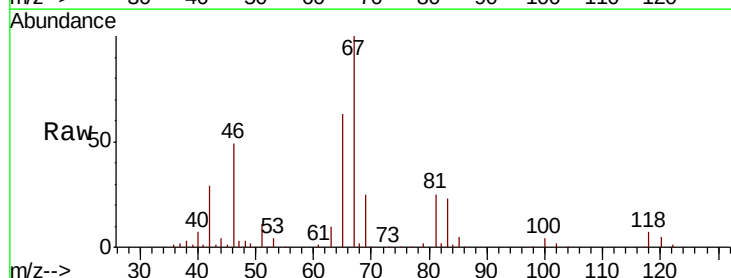


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

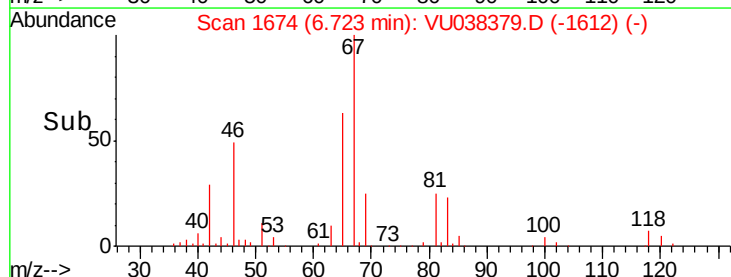
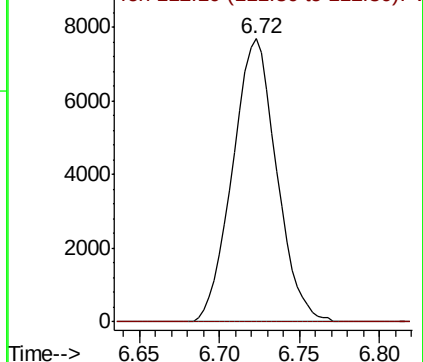


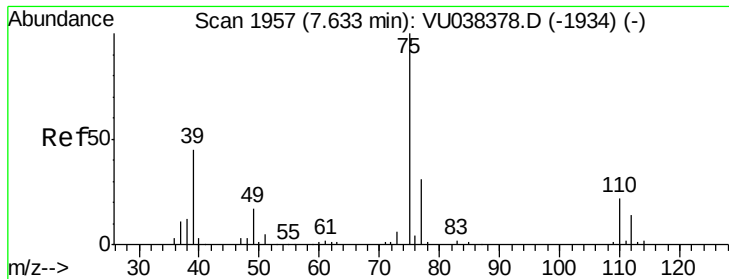
#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038379.D
Acq: 29 May 2020 16:12

Tgt Ion: 63 Resp: 14437
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

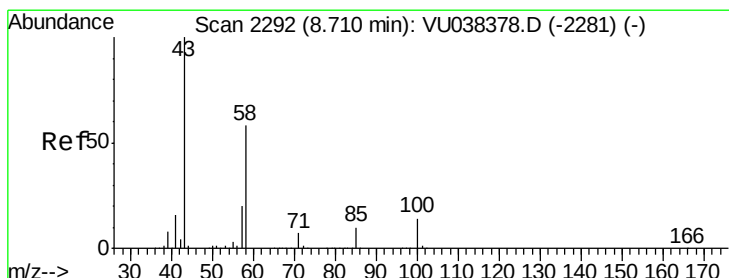
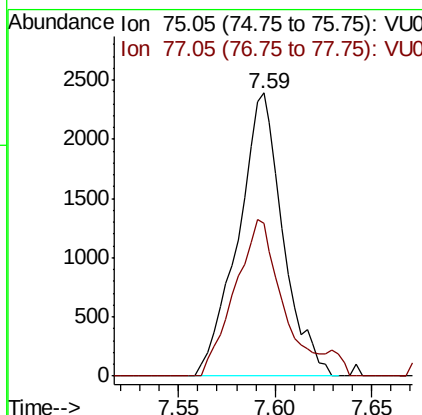
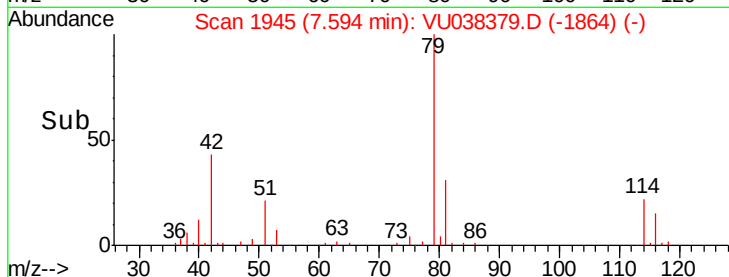
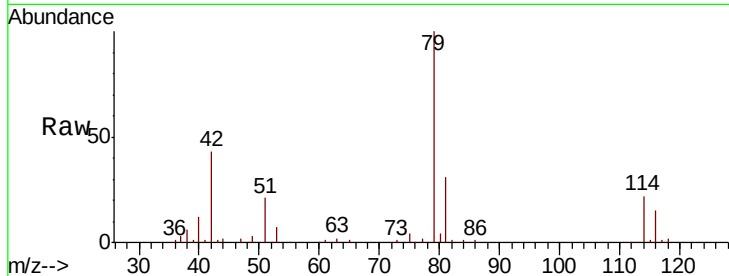




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038379.D
 Acq: 29 May 2020 16:12

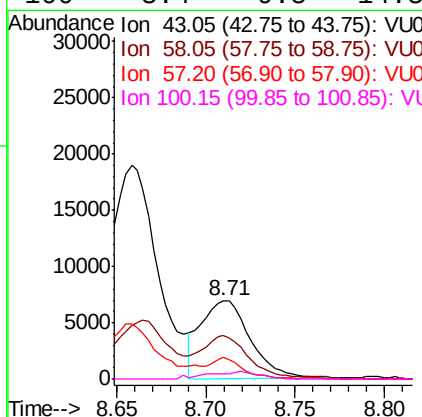
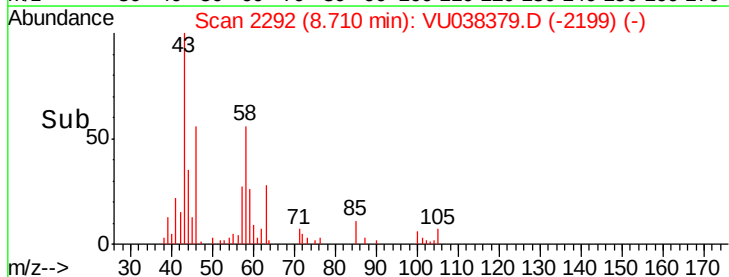
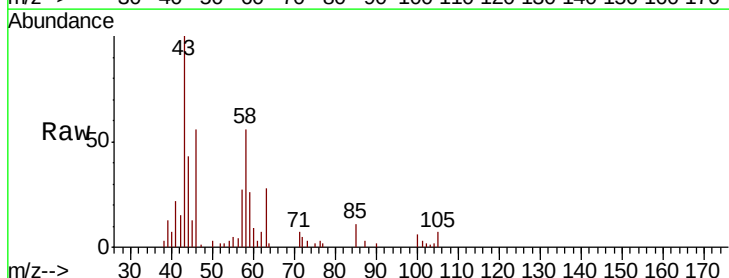
Instrument :
 MSVOA_U
 ClientSampled :

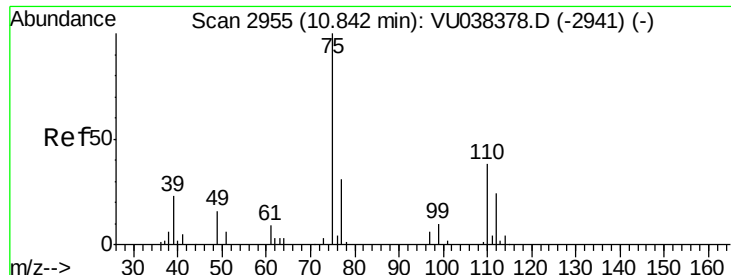
Tot Ion: 75 Resp: 3869
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.094 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU038379.D
 Acq: 29 May 2020 16:12

Tgt Ion: 43 Resp: 13171
 Ion Ratio Lower Upper
 43 100
 58 48.9 45.2 67.8
 57 19.2 15.5 23.3
 100 3.4 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 1.081 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038379.D

Acq: 29 May 2020 16:12

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 17210

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.0

