

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051920\
 Data File : VU038236.D
 Acq On : 19 May 2020 15:49
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 20 01:28:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:25:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	344562	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	330133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	156515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	172766	5.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.60%
7) Chloroethane-d5	1.93	69	144257	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.59	63	207528	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.68	46	484303	62.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.56%
24) Chloroform-d	5.10	84	258723	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.74	65	157997	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.76	84	560391	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.72	67	180443	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.92	98	490311	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloropropene-	8.20	79	69114	5.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.00%
46) 2-Hexanone-d5	8.66	63	361221	59.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	142858	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	175934	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

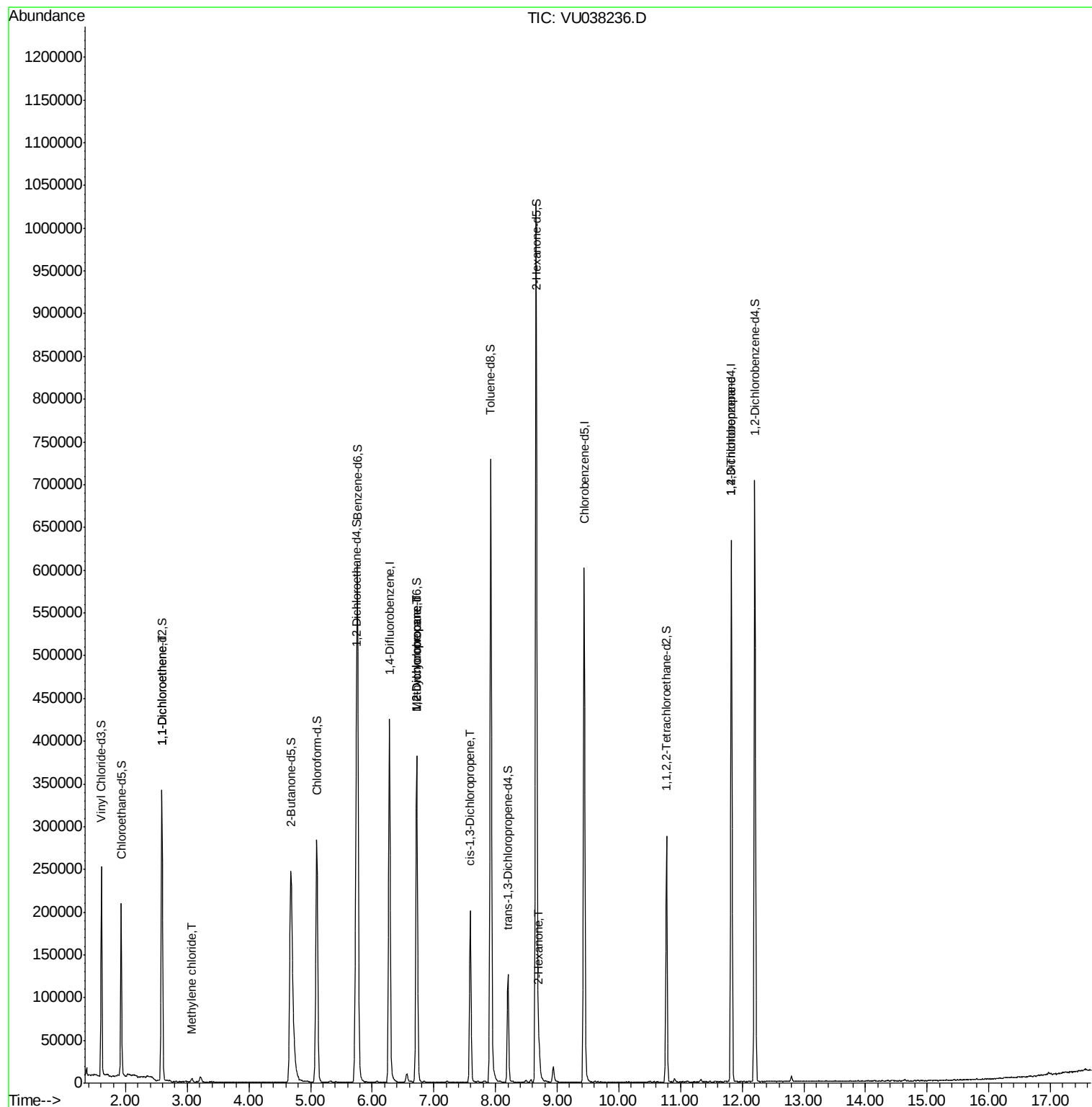
					Ovalue
12) 1,1-Dichloroethene	2.58	96	1443	0.060 ug/L #	1
16) Methylene chloride	3.08	84	1971	0.071 ug/L	95
35) Methylcyclohexane	6.72	83	40628	0.949 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	18444	0.642 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4357	0.106 ug/L #	47
48) 2-Hexanone	8.71	43	19118	1.312 ug/L	97
59) 1,2,3-Trichloropropane	11.82	75	21782	1.130 ug/L	91

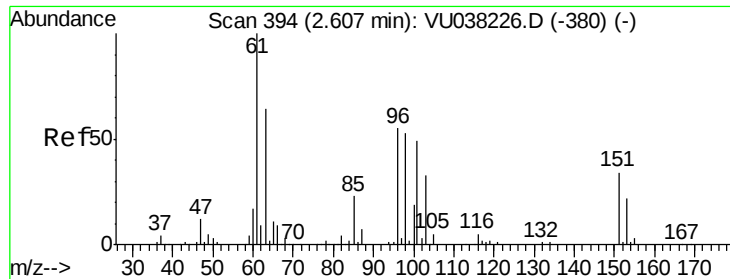
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU038236.D

Acq: 19 May 2020 15:49

Instrument :

MSVOA_U

ClientSampleId :

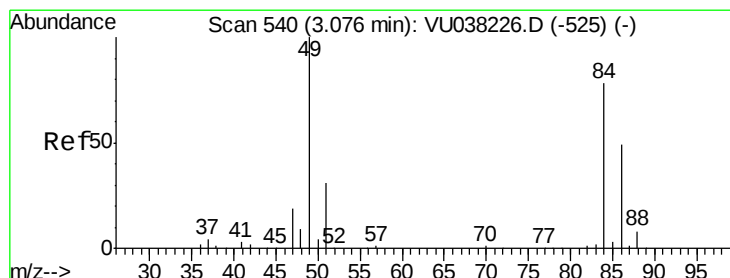
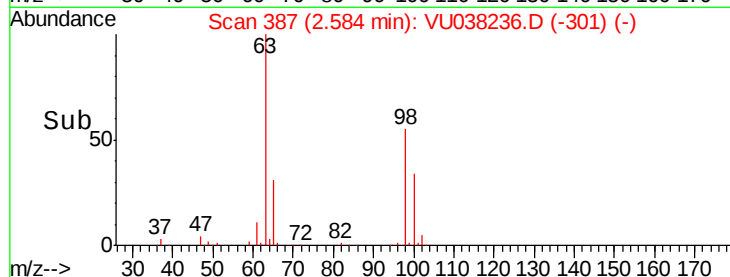
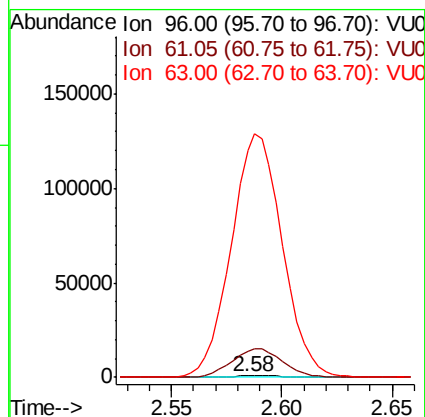
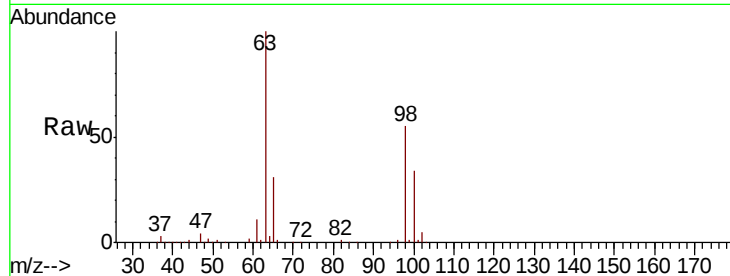
Tot Ion: 96 Resp: 1443

Ion Ratio Lower Upper

96 100

61 1709.8 126.2 234.4#

63 15002.7 96.9 179.9#



#16

Methylene chloride

Concen: 0.071 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038236.D

Acq: 19 May 2020 15:49

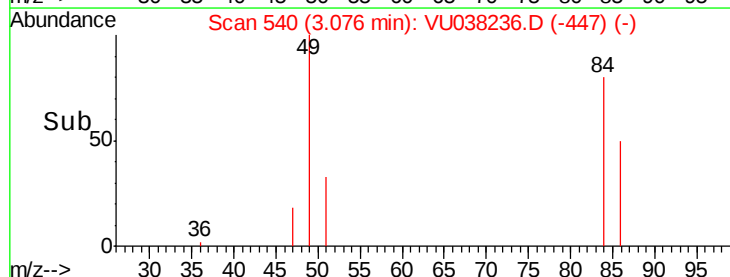
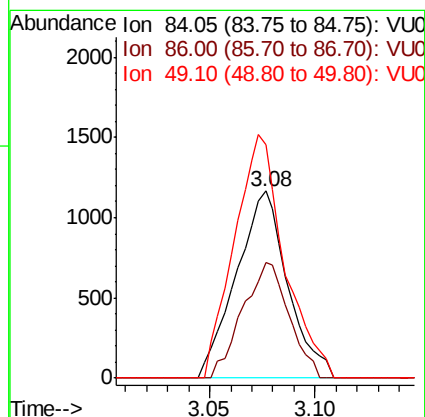
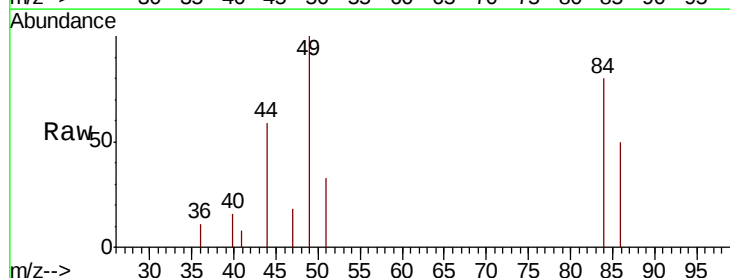
Tgt Ion: 84 Resp: 1971

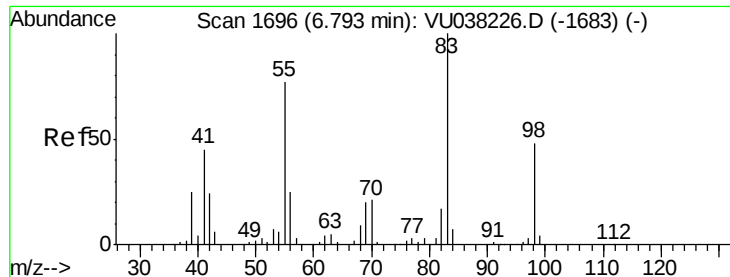
Ion Ratio Lower Upper

84 100

86 62.0 44.9 83.3

49 125.1 92.0 170.9

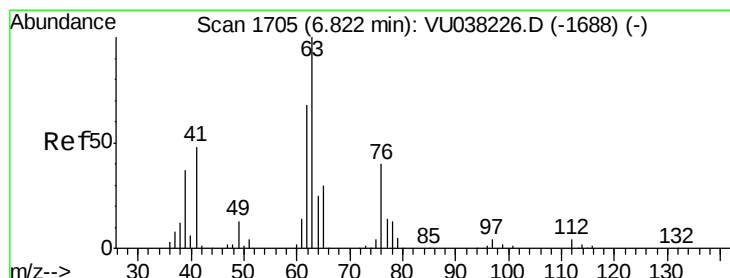
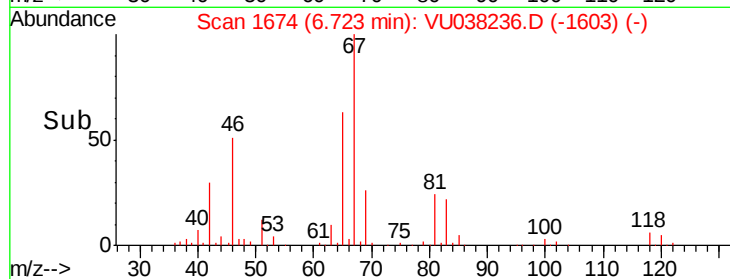
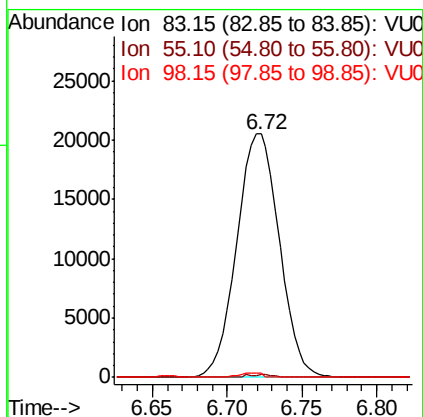
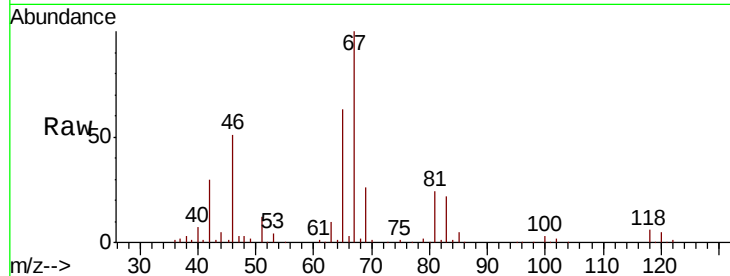




#35
Methvlcvclohexane
Concen: 0.949 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038236.D
Acq: 19 May 2020 15:49

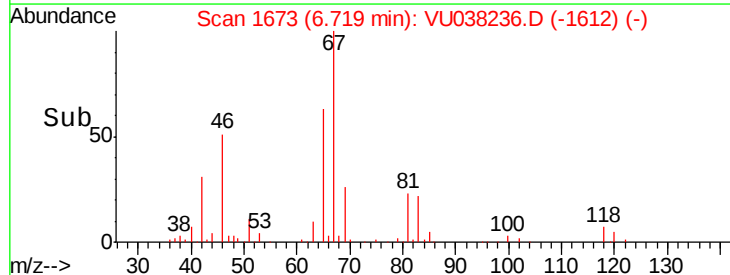
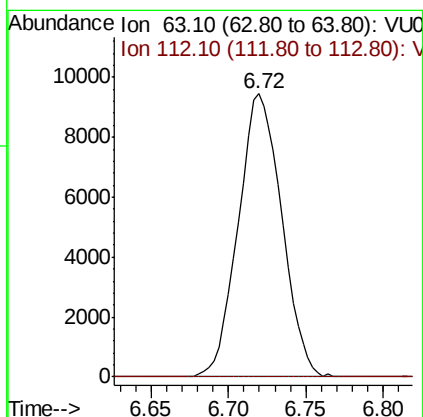
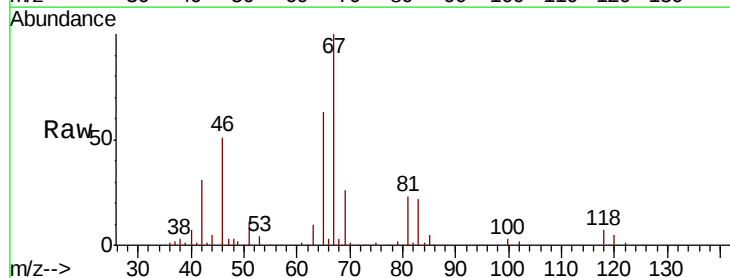
Instrument :
MSVOA_U
ClientSampleId :

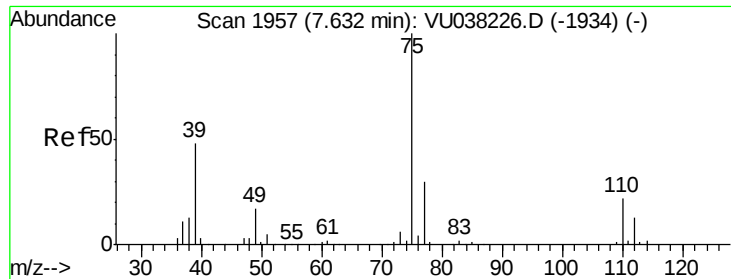
Tot Ion: 83 Resp: 40628
Ion Ratio Lower Upper
83 100
55 0.6 66.7 100.1#
98 1.0 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038236.D
Acq: 19 May 2020 15:49

Tgt Ion: 63 Resp: 18444
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

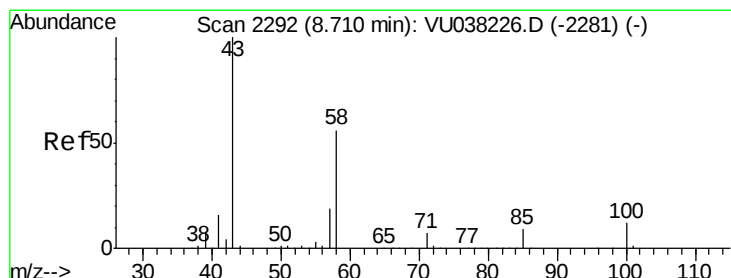
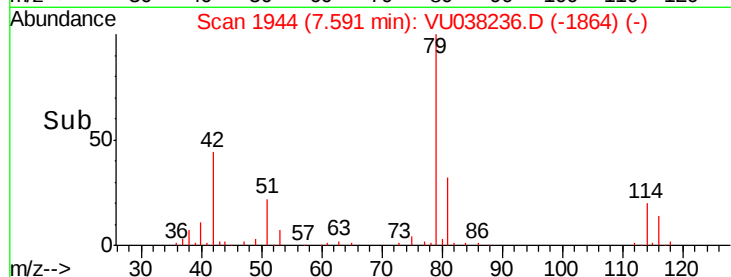
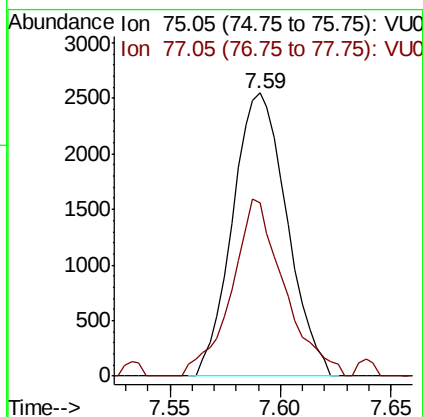
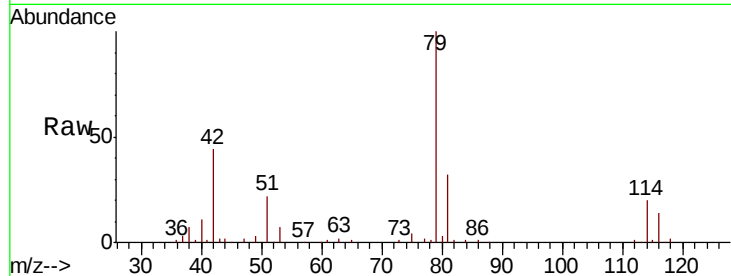




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038236.D
 Acq: 19 May 2020 15:49

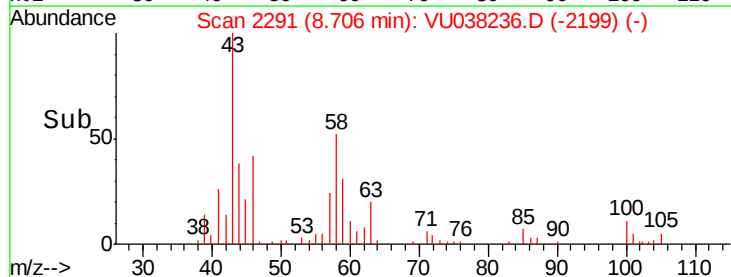
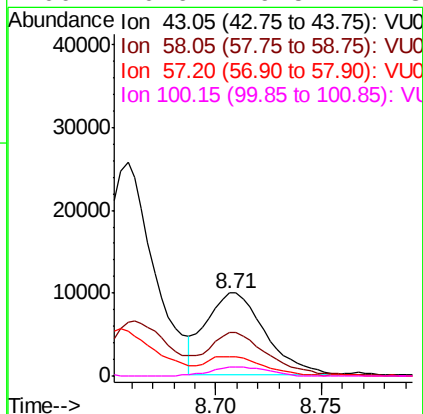
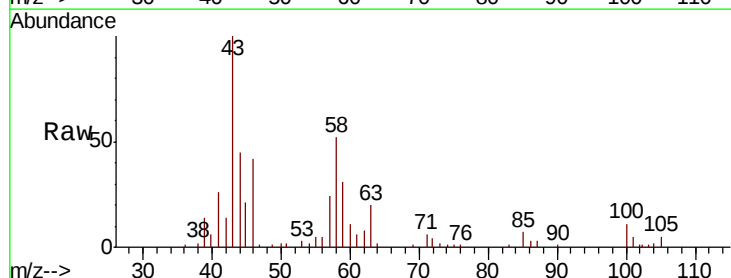
Instrument :
 MSVOA_U
 ClientSampleId :

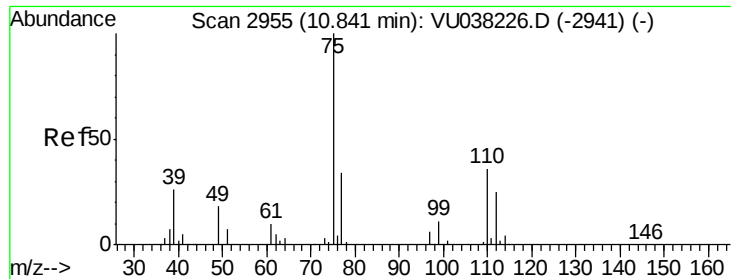
Tot Ion: 75 Resp: 4357
 Ion Ratio Lower Upper
 75 100
 77 61.4 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.312 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038236.D
 Acq: 19 May 2020 15:49

Tgt Ion: 43 Resp: 19118
 Ion Ratio Lower Upper
 43 100
 58 55.7 45.2 67.8
 57 23.1 15.5 23.3
 100 10.6 9.5 14.3





#59

1,2,3-Trichloropropane

Concen: 1.130 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038236.D

Acq: 19 May 2020 15:49

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 21782

Ion Ratio Lower Upper

75 100

77 36.7 25.4 38.0

