

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038898.D
 Acq On : 15 Jun 2020 17:56
 Operator : SY/MD
 Sample : L2975-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P5

Quant Time: Jun 16 01:59:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	246789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	112407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63494	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.93	69	64678	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.59	63	110377	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.68	46	291848	65.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.16%#
24) Chloroform-d	5.10	84	167872	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	5.74	65	100815	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	5.76	84	310548	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.72	67	99461	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.92	98	247282	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	29397	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.66	63	219043	58.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94136	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	107555	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

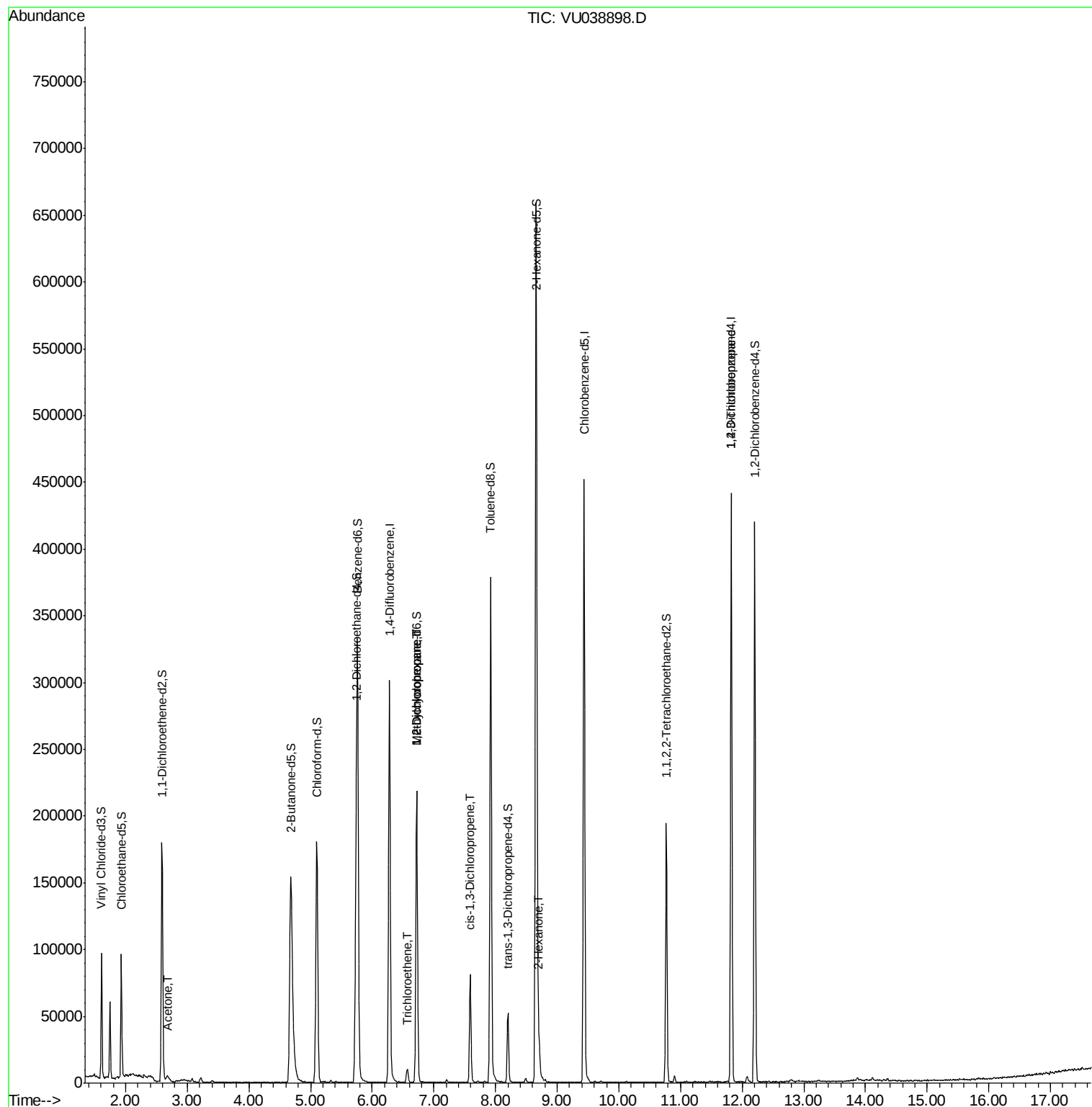
					Ovalue
13) Acetone	2.67	43	8794	2.415 ug/L	88
34) Trichloroethene	6.57	95	2733	0.142 ug/L	91
35) Methylcyclohexane	6.72	83	23330	0.814 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11297	0.594 ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	2334	0.086 ug/L #	55
48) 2-Hexanone	8.71	43	10764	1.047 ug/L	91
59) 1,2,3-Trichloropropane	11.82	75	13943	0.952 ug/L #	81

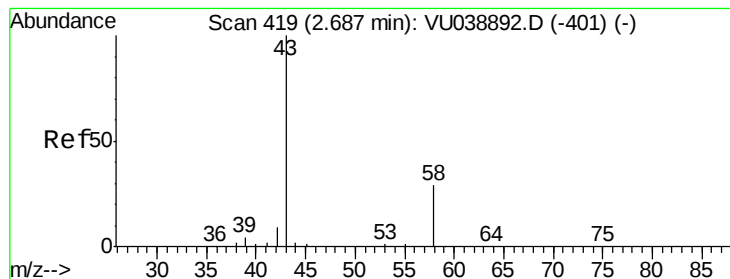
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.415 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU038898.D

Acq: 15 Jun 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

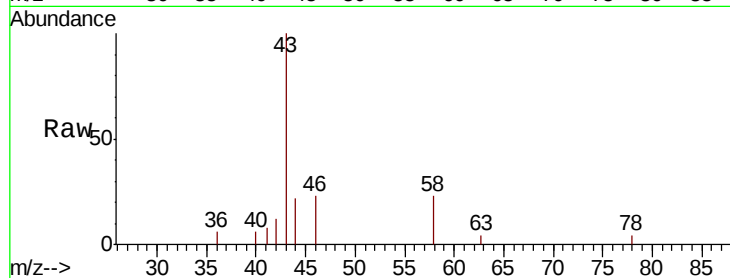
BF8P5

Tot Ion: 43 Resp: 8794

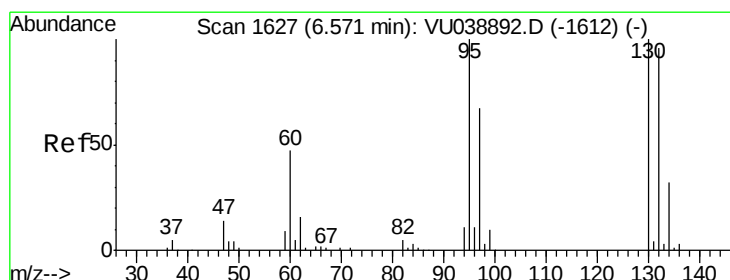
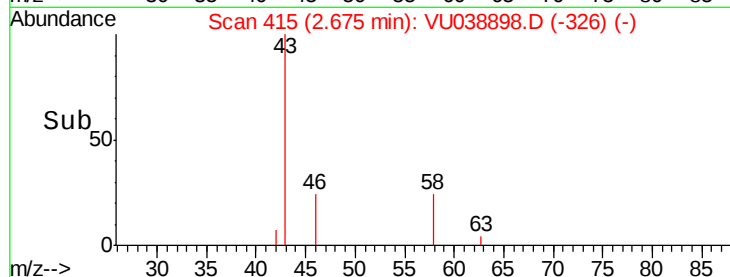
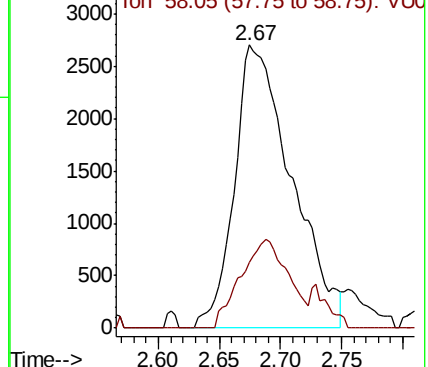
Ion Ratio Lower Upper

43 100

58 26.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038898.D (-326) (-)



#34

Trichloroethene

Concen: 0.142 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038898.D

Acq: 15 Jun 2020 17:56

Tgt Ion: 95 Resp: 2733

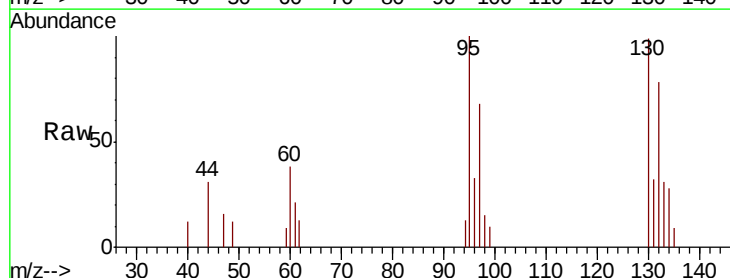
Ion Ratio Lower Upper

95 100

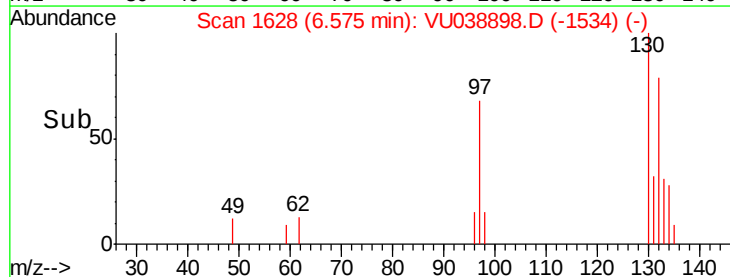
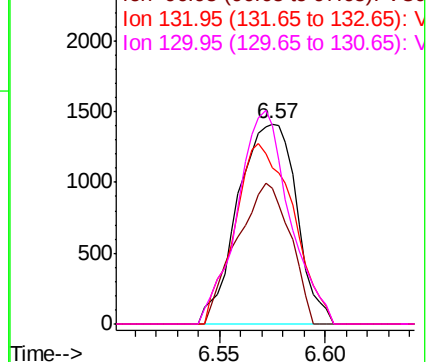
97 67.6 46.1 85.5

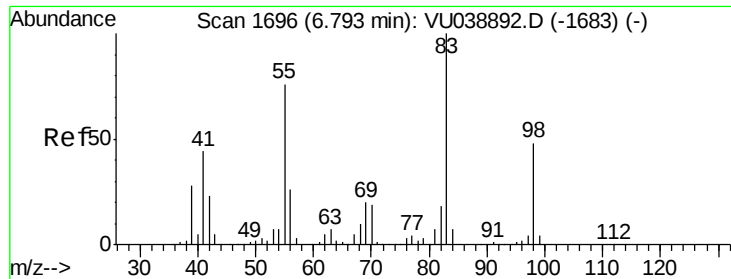
132 78.0 68.2 126.6

130 99.3 71.0 131.9



Abundance Ion 95.00 (94.70 to 95.70): VU038898.D (-1534) (-)

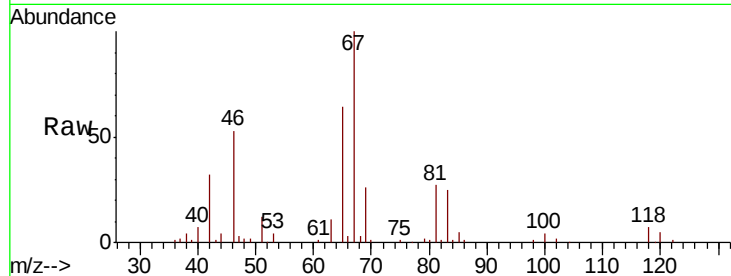




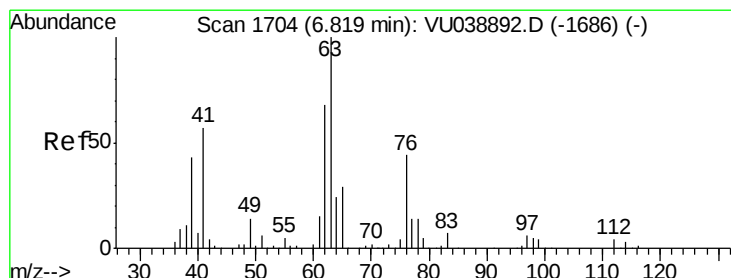
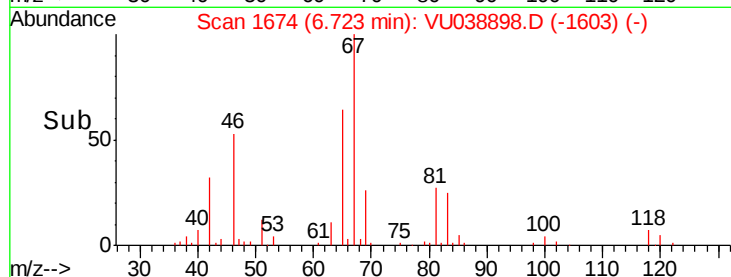
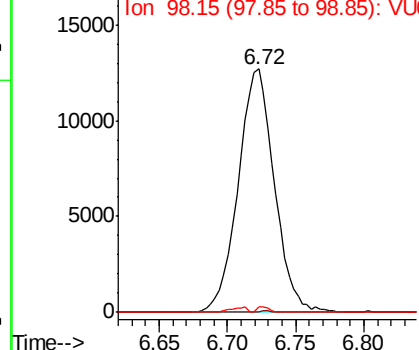
#35
Methvlcvclohexane
Concen: 0.814 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038898.D
Acq: 15 Jun 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :
BF8P5

Tot Ion: 83 Resp: 23330
Ion Ratio Lower Upper
83 100
55 0.2 63.6 95.4#
98 0.8 38.9 58.3#

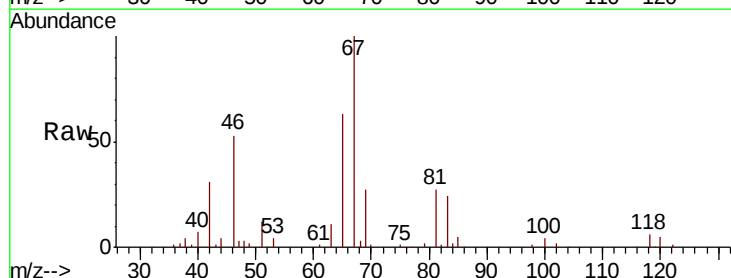


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

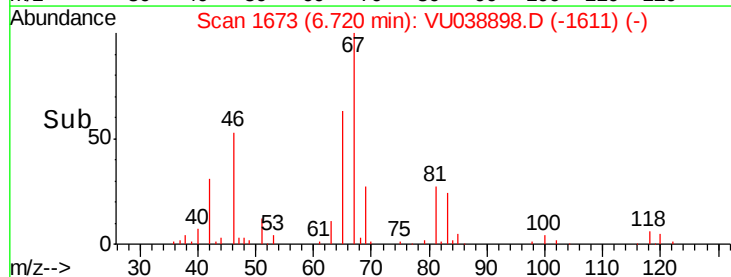
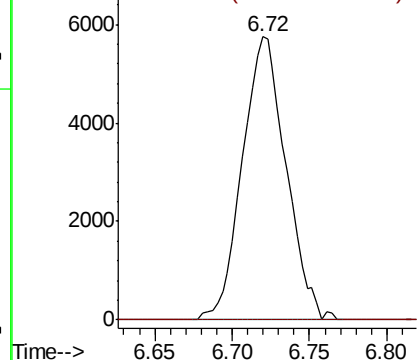


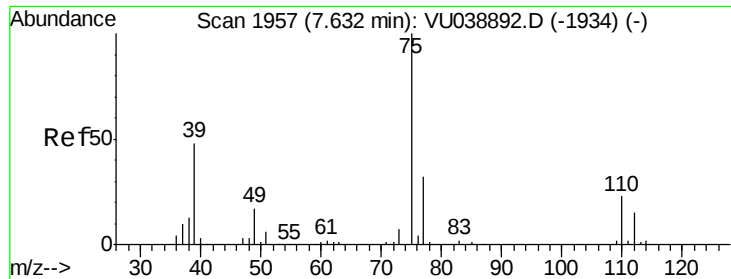
#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038898.D
Acq: 15 Jun 2020 17:56

Tgt Ion: 63 Resp: 11297
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

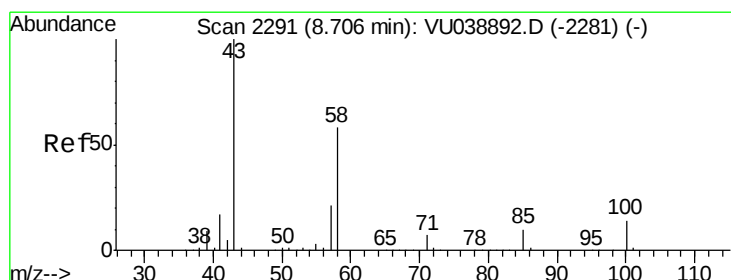
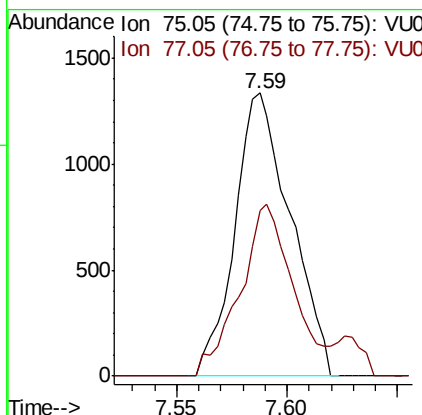
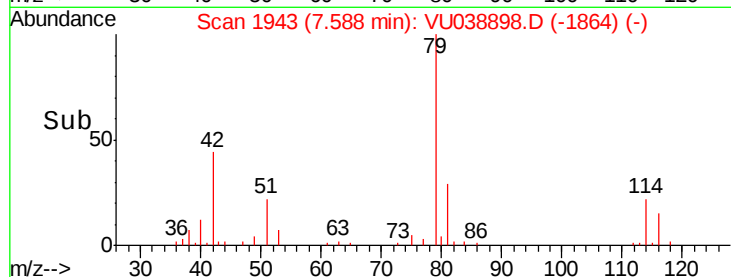
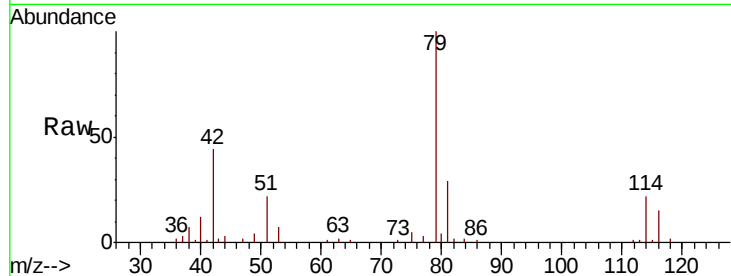




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038898.D
 Acq: 15 Jun 2020 17:56

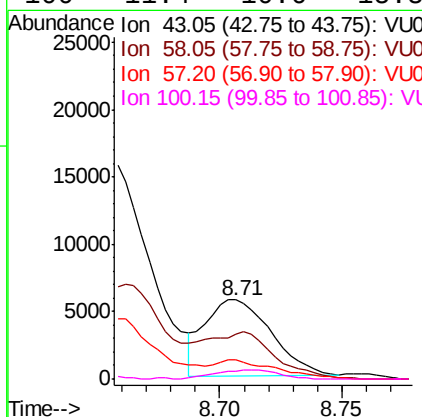
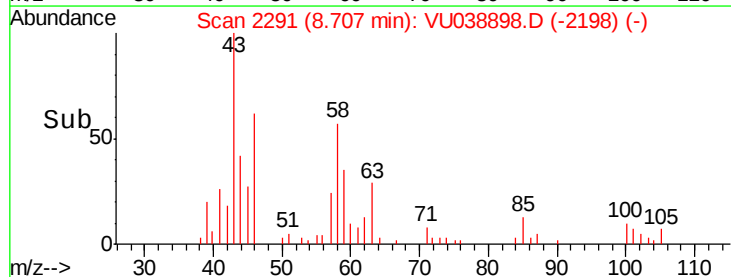
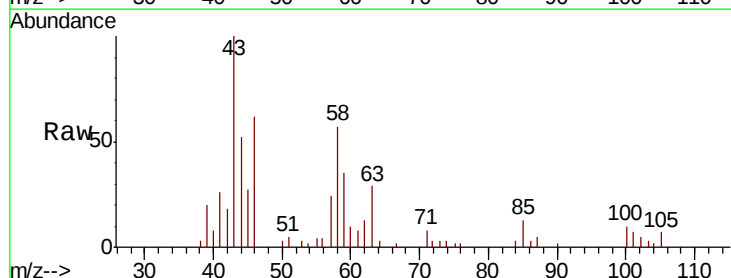
Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P5

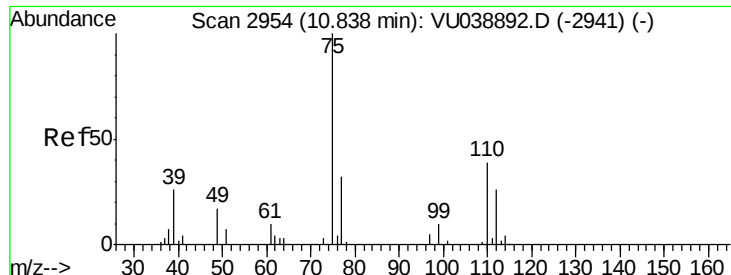
Tot Ion: 75 Resp: 2334
 Ion Ratio Lower Upper
 75 100
 77 58.4 23.0 42.6#



#48
 2-Hexanone
 Concen: 1.047 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU038898.D
 Acq: 15 Jun 2020 17:56

Tgt Ion: 43 Resp: 10764
 Ion Ratio Lower Upper
 43 100
 58 65.4 45.4 68.2
 57 23.1 16.4 24.6
 100 11.4 10.6 15.8





#59

1,2,3-Trichloropropane

Concen: 0.952 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038898.D

Acq: 15 Jun 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

BF8P5

Tot Ion: 75 Resp: 13943

Ion Ratio Lower Upper

75 100

77 43.2 25.9 38.9#

