

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038302.D
 Acq On : 26 May 2020 17:23
 Operator : JC/MD
 Sample : L2751-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 27 06:55:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	296965	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294008	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143991	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95524	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.93	69	87302	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	2.59	63	142890	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	338385	50.49	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.98%
24) Chloroform-d	5.10	84	201185	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.74	65	119746	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.76	84	420013	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.72	67	134142	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.92	98	375158	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.20	79	53889	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.65	63	269248	50.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109764	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	150925	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

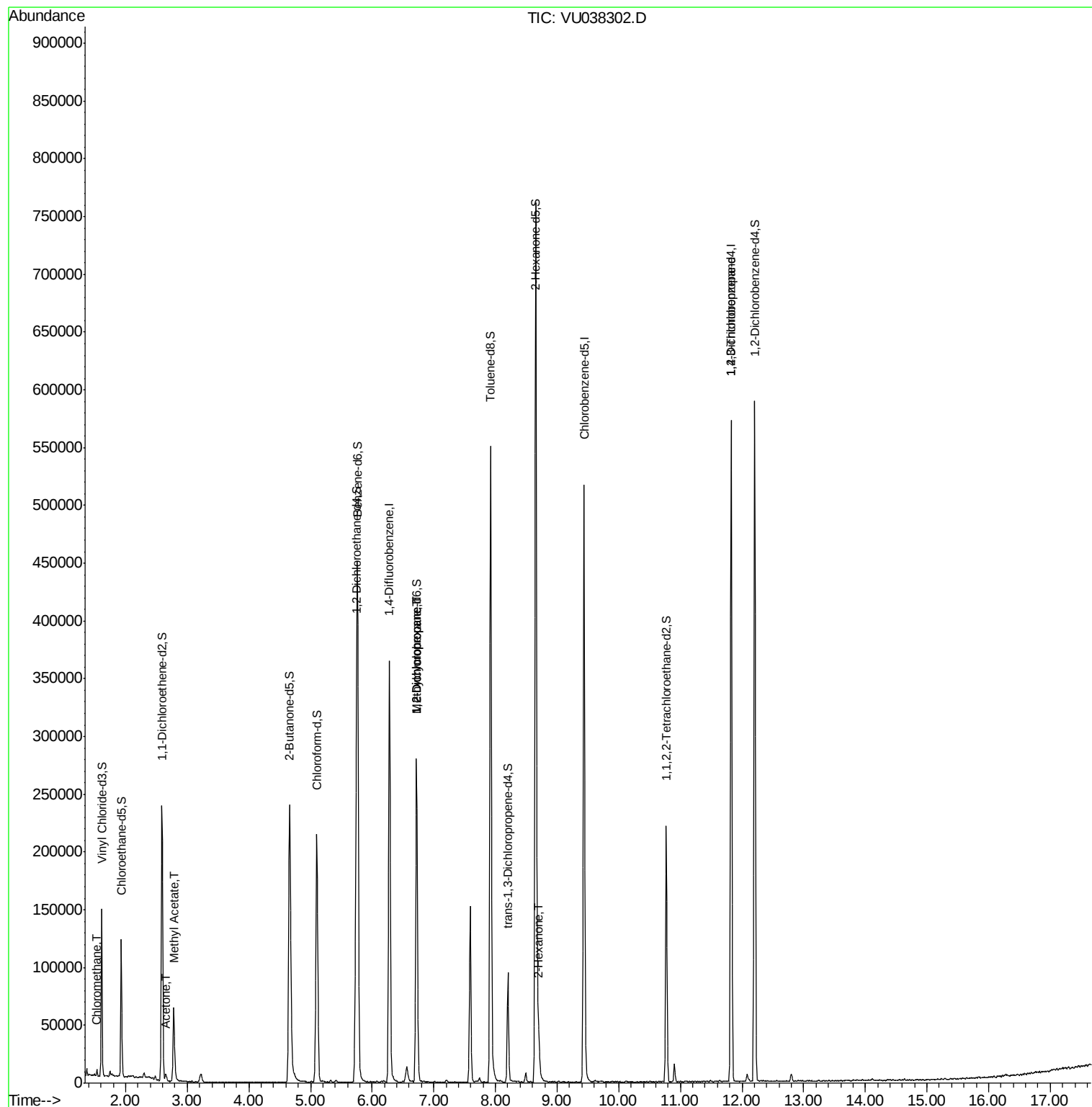
					Ovalue
3) Chloromethane	1.54	50	4321	0.132 ug/L	97
13) Acetone	2.65	43	6879	1.636 ug/L	88
15) Methyl Acetate	2.78	43	16823	1.430 ug/L #	53
35) Methylcyclohexane	6.72	83	32126	0.842 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15275	0.597 ug/L #	88
48) 2-Hexanone	8.71	43	20364	1.569 ug/L #	91
59) 1,2,3-Trichloropropane	11.83	75	19020	1.108 ug/L	96

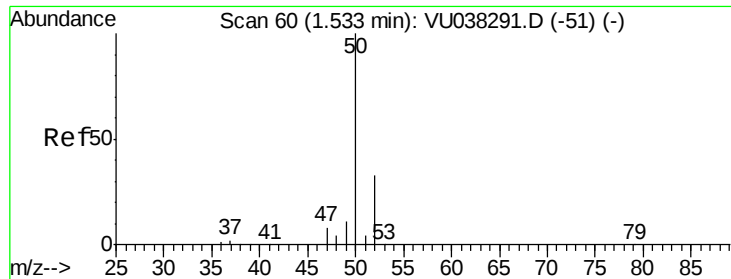
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.132 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU038302.D

Acq: 26 May 2020 17:23

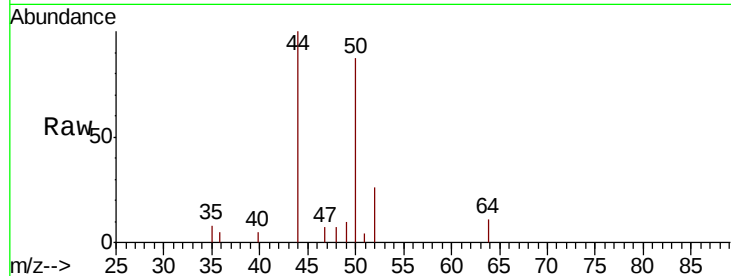
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 4321

Ion Ratio Lower Upper

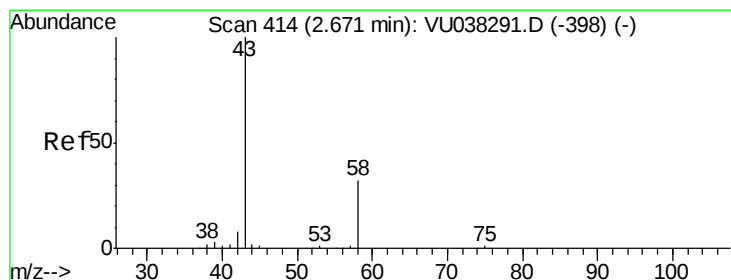
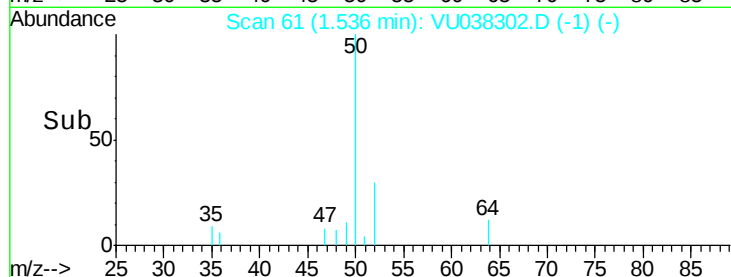
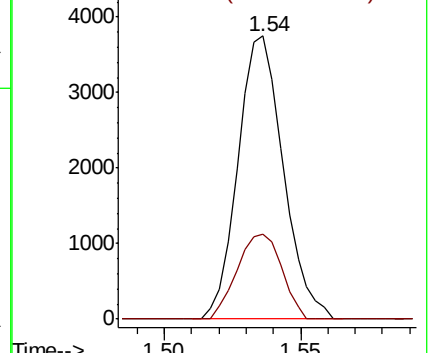
50 100

52 30.2 22.5 41.7



Abundance Ion 50.05 (49.75 to 50.75): VU038302.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU038302.D (-1) (-)



#13

Acetone

Concen: 1.636 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.02 min

Lab File: VU038302.D

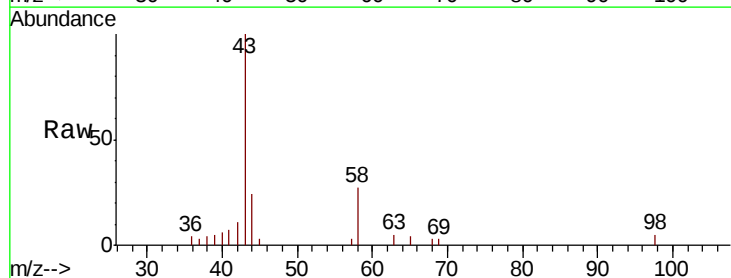
Acq: 26 May 2020 17:23

Tgt Ion: 43 Resp: 6879

Ion Ratio Lower Upper

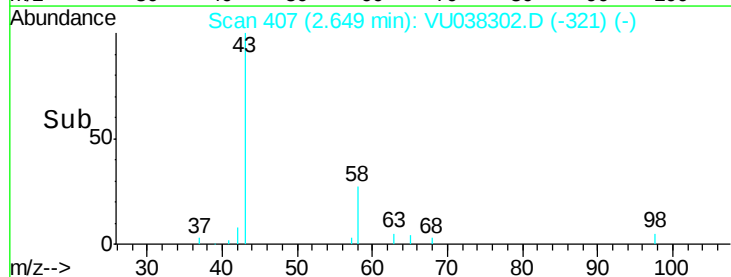
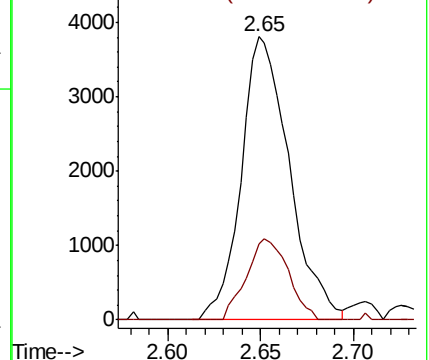
43 100

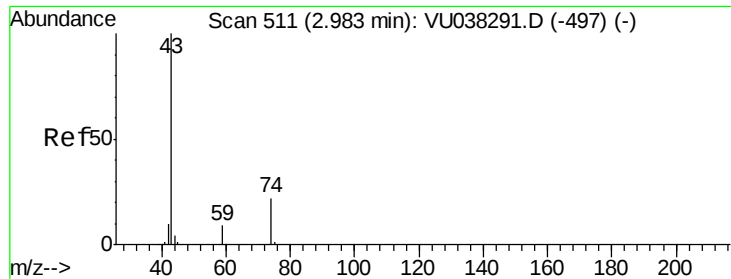
58 25.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038302.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU038302.D (-321) (-)

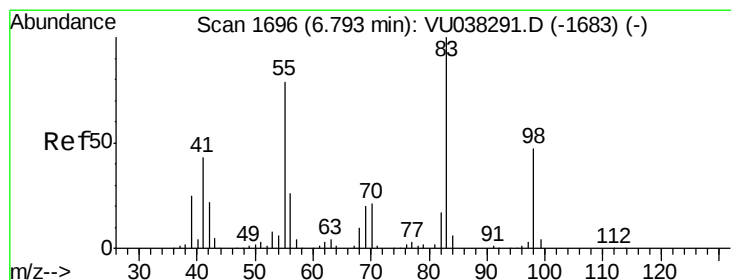
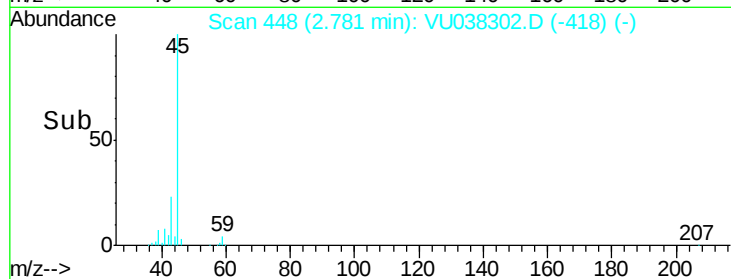
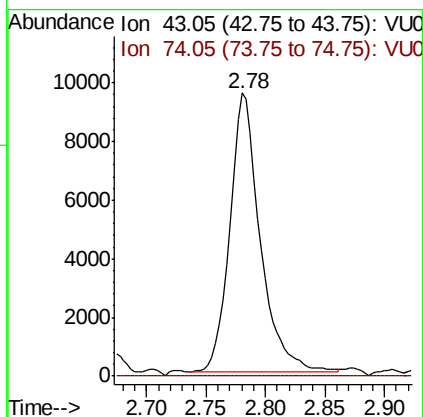
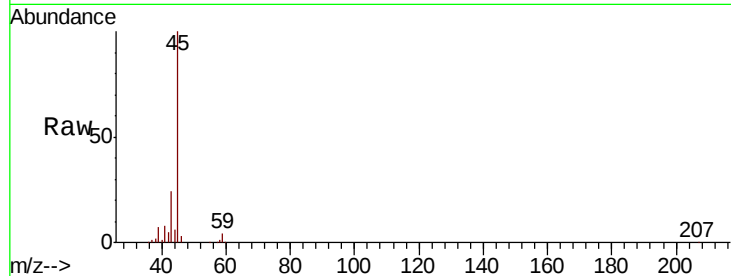




#15
Methvl Acetate
Concen: 1.430 ug/L
RT: 2.78 min Scan# 448
Delta R.T. -0.20 min
Lab File: VU038302.D
Acq: 26 May 2020 17:23

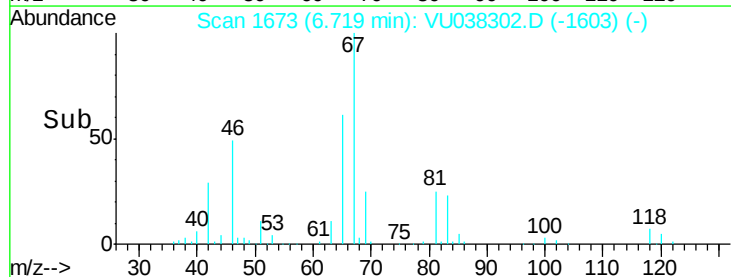
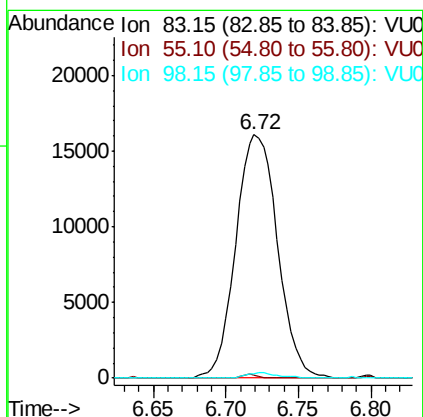
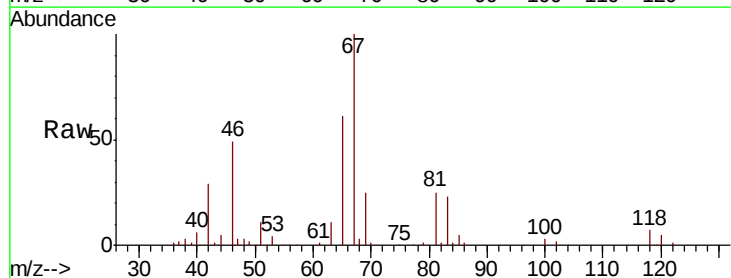
Instrument :
MSVOA_U
ClientSampleId :

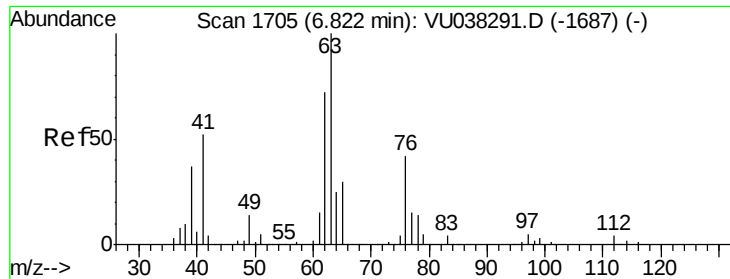
Tot Ion: 43 Resp: 16823
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038302.D
Acq: 26 May 2020 17:23

Tgt Ion: 83 Resp: 32126
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 1.7 39.4 59.2#

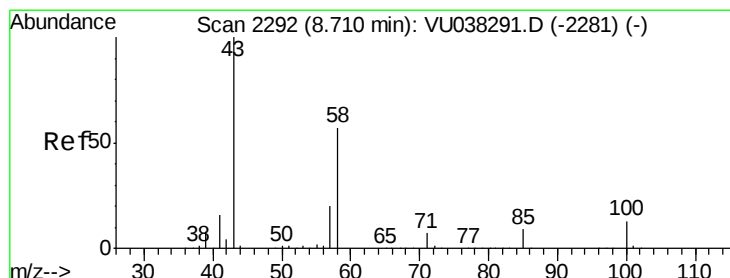
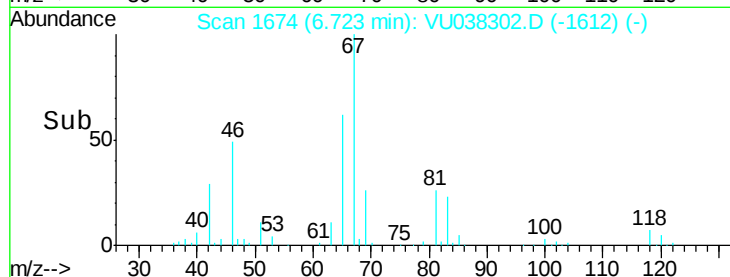
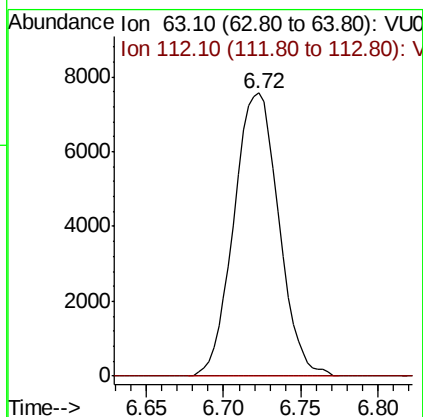
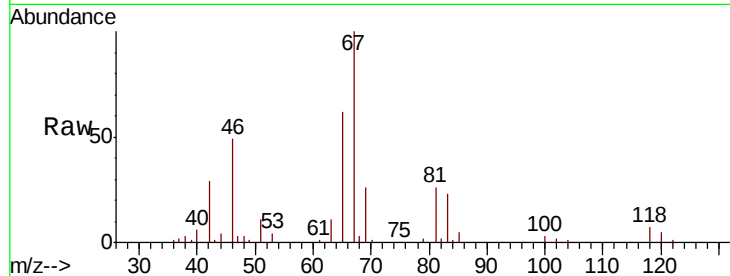




#37
 1,2-Dichloropropane
 Concen: 0.597 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038302.D
 Acq: 26 May 2020 17:23

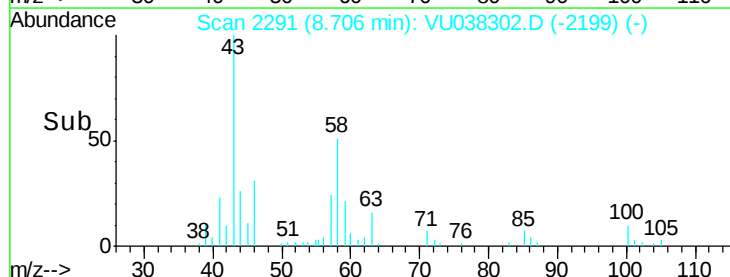
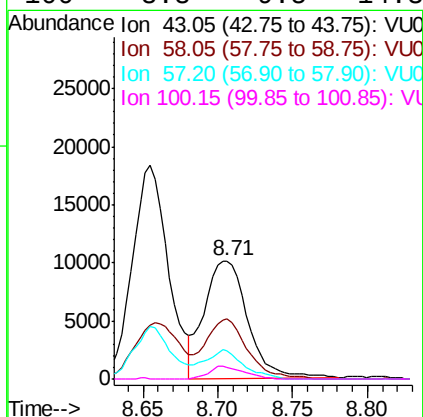
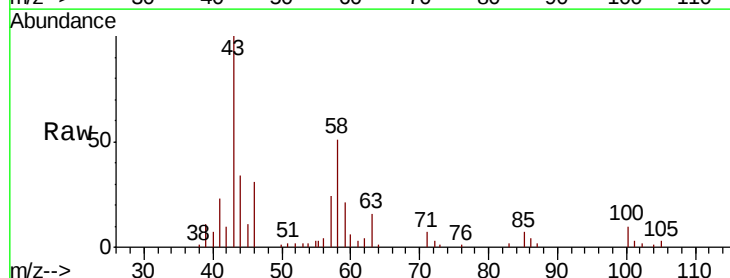
Instrument :
 MSVOA_U
 ClientSampleId :

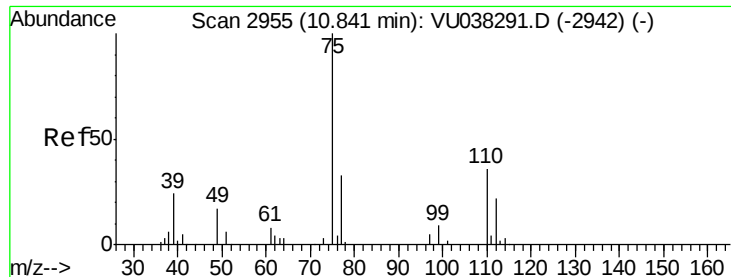
Tot Ion: 63 Resp: 15275
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#48
 2-Hexanone
 Concen: 1.569 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038302.D
 Acq: 26 May 2020 17:23

Tgt Ion: 43 Resp: 20364
 Ion Ratio Lower Upper
 43 100
 58 48.7 45.2 67.8
 57 21.6 15.5 23.3
 100 8.8 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 1.108 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038302.D

Acq: 26 May 2020 17:23

Instrument :

MSVOA_U

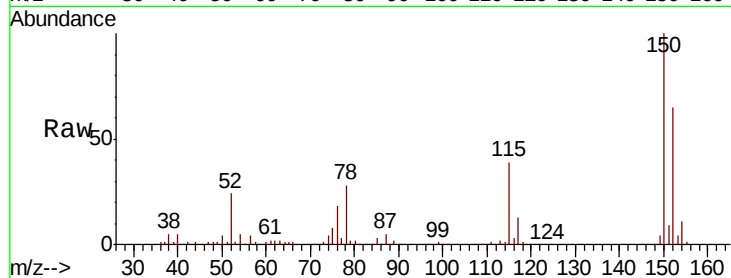
ClientSampleId :

Tot Ion: 75 Resp: 19020

Ion Ratio Lower Upper

75 100

77 34.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

