

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052720\
 Data File : VU038318.D
 Acq On : 27 May 2020 14:13
 Operator : JC/MD
 Sample : L2749-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 28 04:18:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	301086	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	146252	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91559	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.93	69	83231	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.59	63	138359	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.66	46	344253	50.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.32%
24) Chloroform-d	5.10	84	202701	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	117534	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	415912	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.72	67	131357	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.92	98	366721	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.20	79	52047	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.65	63	274987	51.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112536	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	149727	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

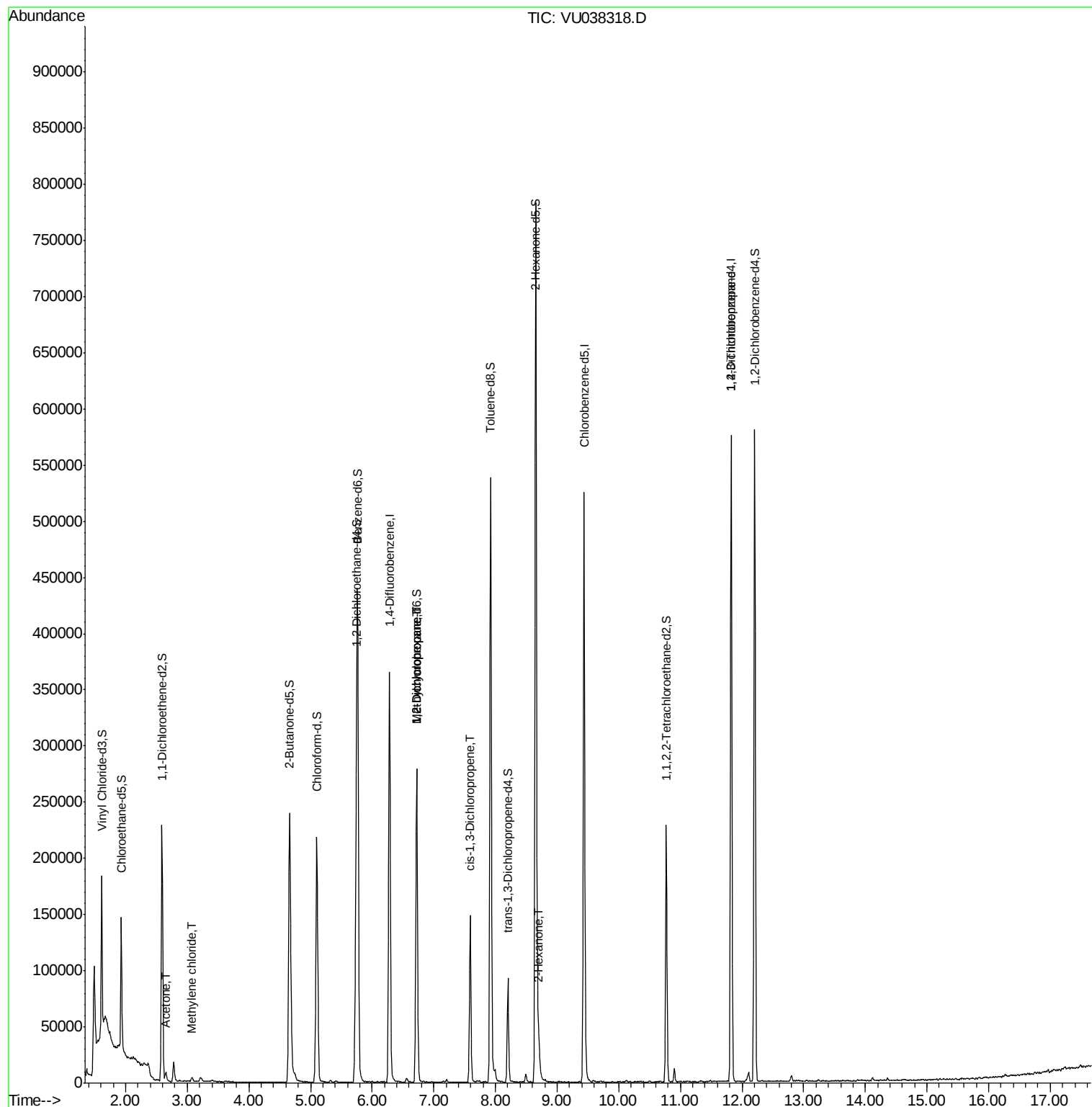
					Ovalue
13) Acetone	2.65	43	9629	2.259 ug/L	96
16) Methylene chloride	3.08	84	1540	0.063 ug/L	81
35) Methylcyclohexane	6.72	83	31537	0.828 ug/L #	15
37) 1,2-Dichloropropane	6.72	63	14114	0.553 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	3734	0.102 ug/L #	78
48) 2-Hexanone	8.71	43	19306	1.489 ug/L	93
59) 1,2,3-Trichloropropane	11.82	75	19234	1.122 ug/L	89

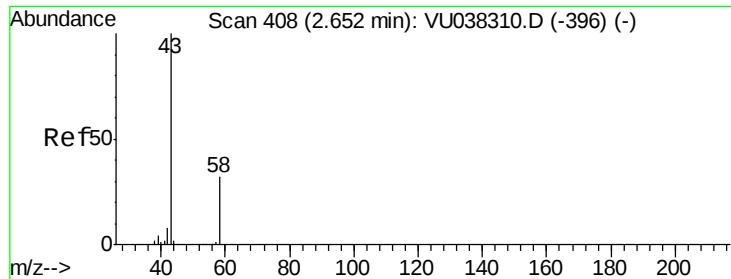
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.259 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038318.D

Acq: 27 May 2020 14:13

Instrument :

MSVOA_U

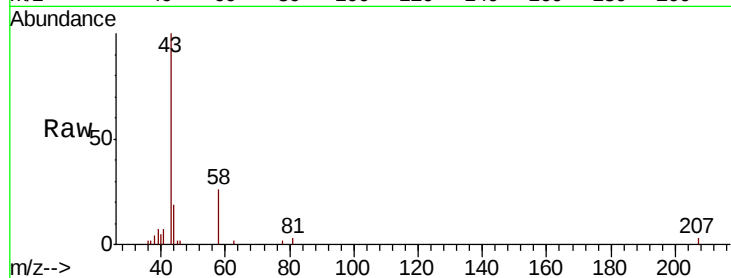
ClientSampled :

Tot Ion: 43 Resp: 9629

Ion Ratio Lower Upper

43 100

58 29.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038318.D (-408) (-)

Ion 58.05 (57.75 to 58.75): VU038318.D (-408) (-)

2.65

6000

5000

4000

3000

2000

1000

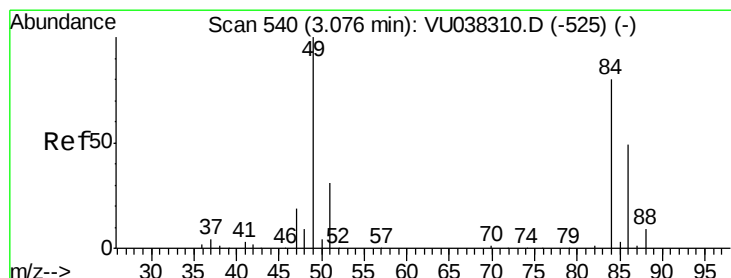
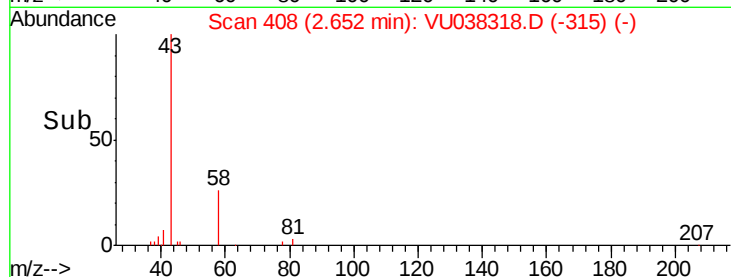
0

Time-->

2.60

2.65

2.70



#16

Methylene chloride

Concen: 0.063 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038318.D

Acq: 27 May 2020 14:13

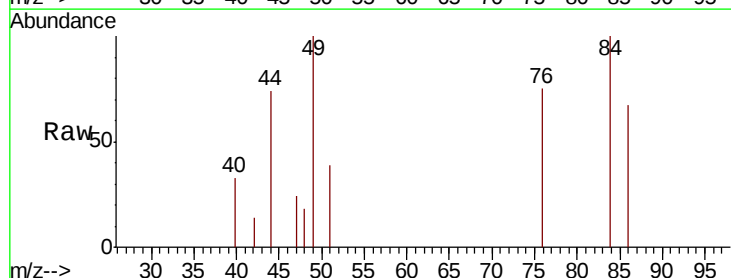
Tgt Ion: 84 Resp: 1540

Ion Ratio Lower Upper

84 100

86 66.6 44.9 83.3

49 100.1 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU038318.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU038318.D (-540) (-)

Ion 49.10 (48.80 to 49.80): VU038318.D (-540) (-)

3.08

1200

1000

800

600

400

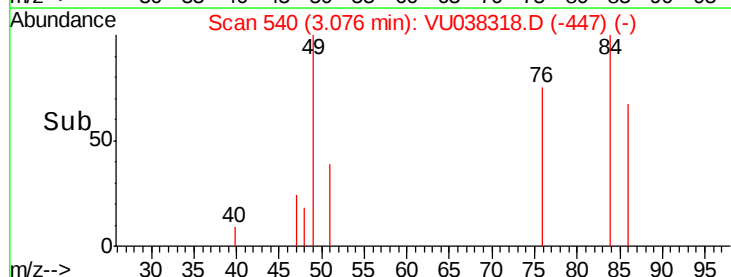
200

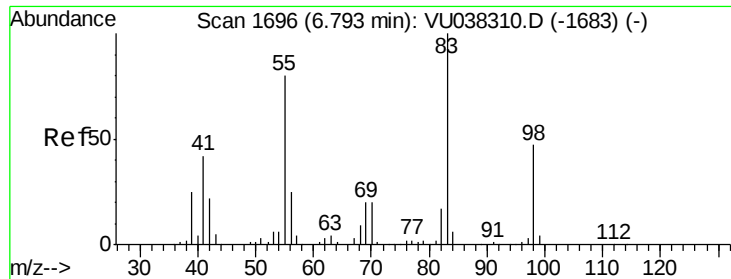
0

Time-->

3.05

3.10

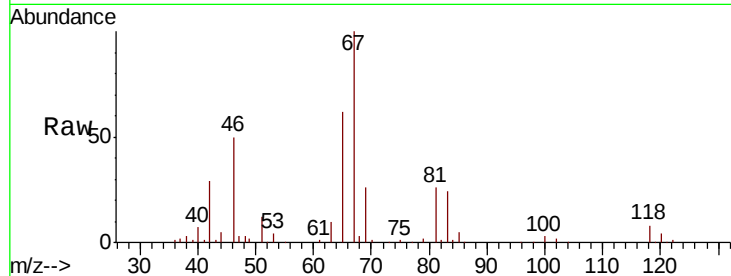




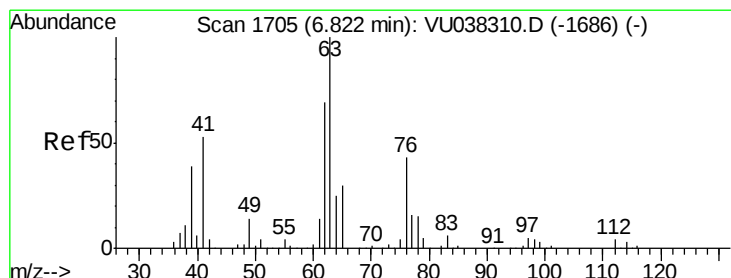
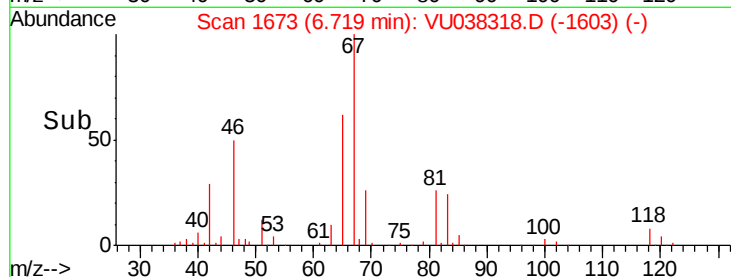
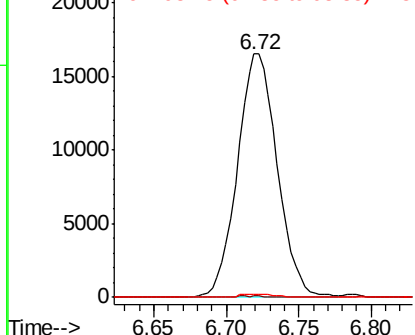
#35
Methvlcvclohexane
Concen: 0.828 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038318.D
Acq: 27 May 2020 14:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 31537
Ion Ratio Lower Upper
83 100
55 0.1 66.7 100.1#
98 0.0 39.4 59.2#

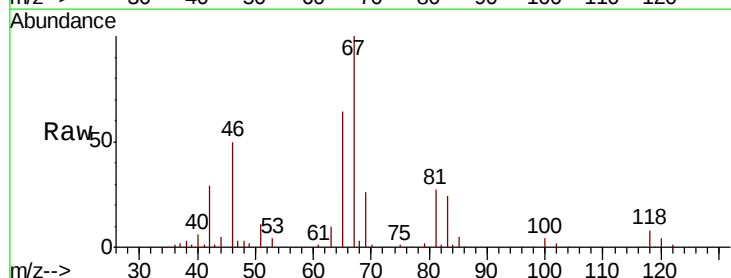


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

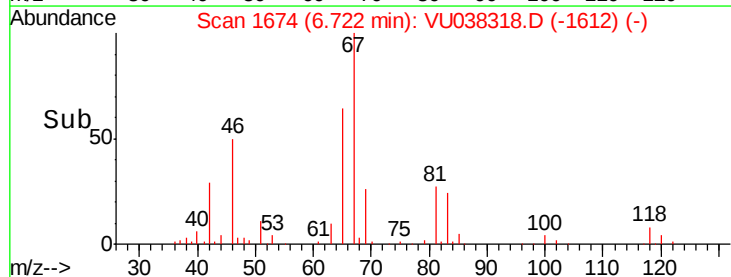
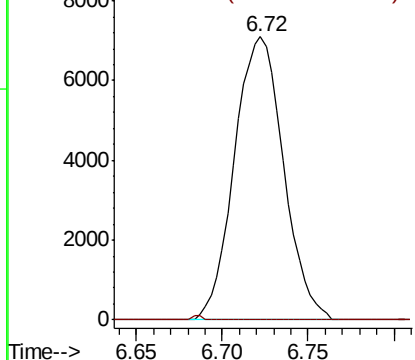


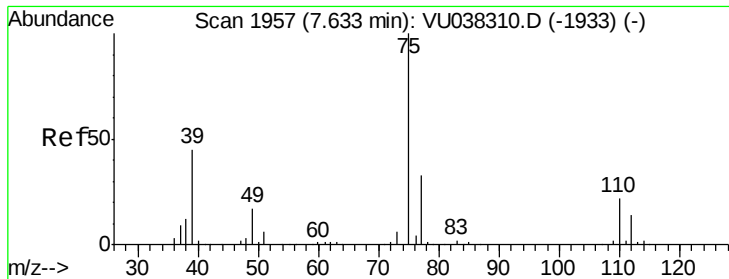
#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038318.D
Acq: 27 May 2020 14:13

Tgt Ion: 63 Resp: 14114
Ion Ratio Lower Upper
63 100
112 0.3 3.1 4.7#



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

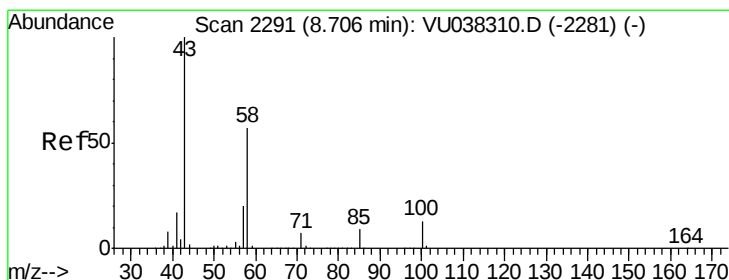
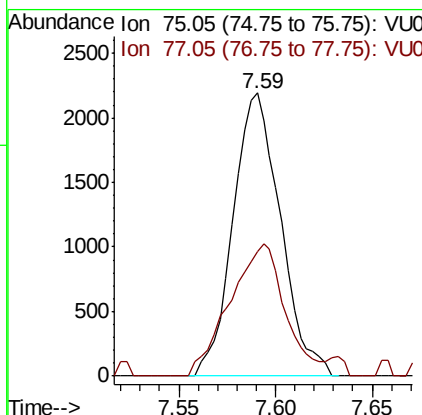
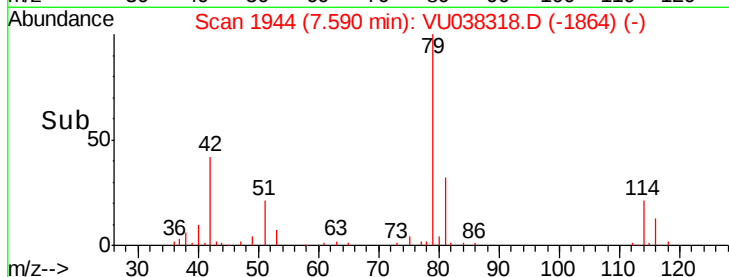
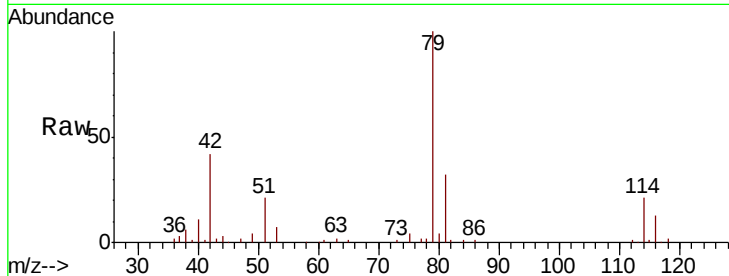




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038318.D
 Acq: 27 May 2020 14:13

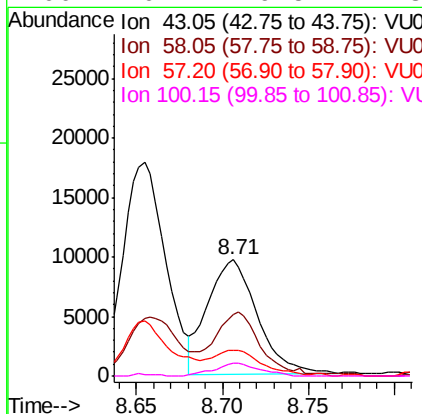
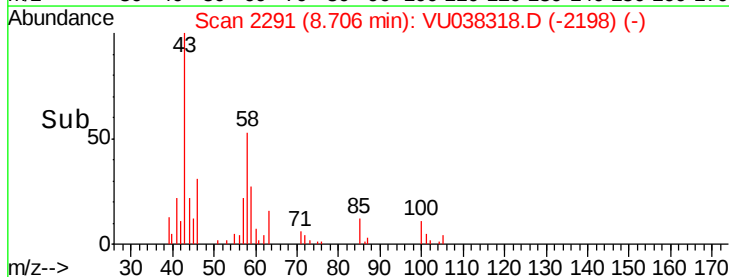
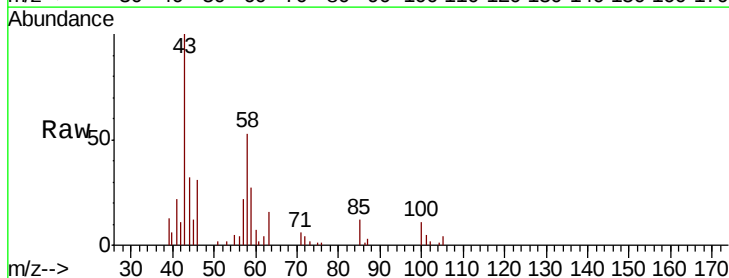
Instrument :
 MSVOA_U
 ClientSampleId :

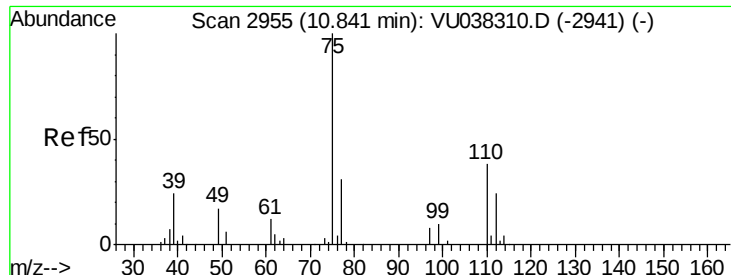
Tot Ion: 75 Resp: 3734
 Ion Ratio Lower Upper
 75 100
 77 44.2 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.489 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038318.D
 Acq: 27 May 2020 14:13

Tgt Ion: 43 Resp: 19306
 Ion Ratio Lower Upper
 43 100
 58 49.9 45.2 67.8
 57 20.4 15.5 23.3
 100 10.4 9.5 14.3





#59

1,2,3-Trichloropropane

Concen: 1.122 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038318.D

Acq: 27 May 2020 14:13

Instrument :

MSVOA_U

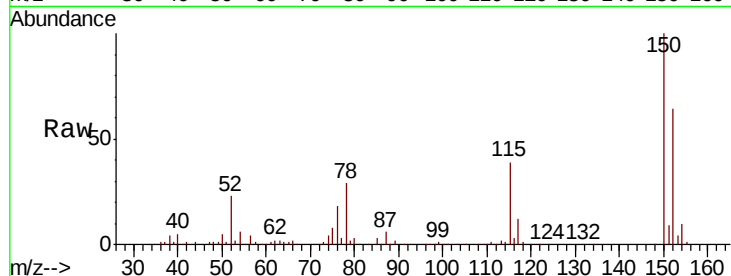
ClientSampleId :

Tot Ion: 75 Resp: 19234

Ion Ratio Lower Upper

75 100

77 37.9 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

