

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039426.D
 Acq On : 10 Jul 2020 13:47
 Operator : SY/MD
 Sample : L3261-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 02:51:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 02:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	104889	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	97183	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23190	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.92	69	25907	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.58	63	37842	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.66	46	147269	52.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	5.08	84	59390	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.72	65	41150	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.75	84	115876	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	40685	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.91	98	95639	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.19	79	16392	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	106512	49.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.94%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	38370	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	39380	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

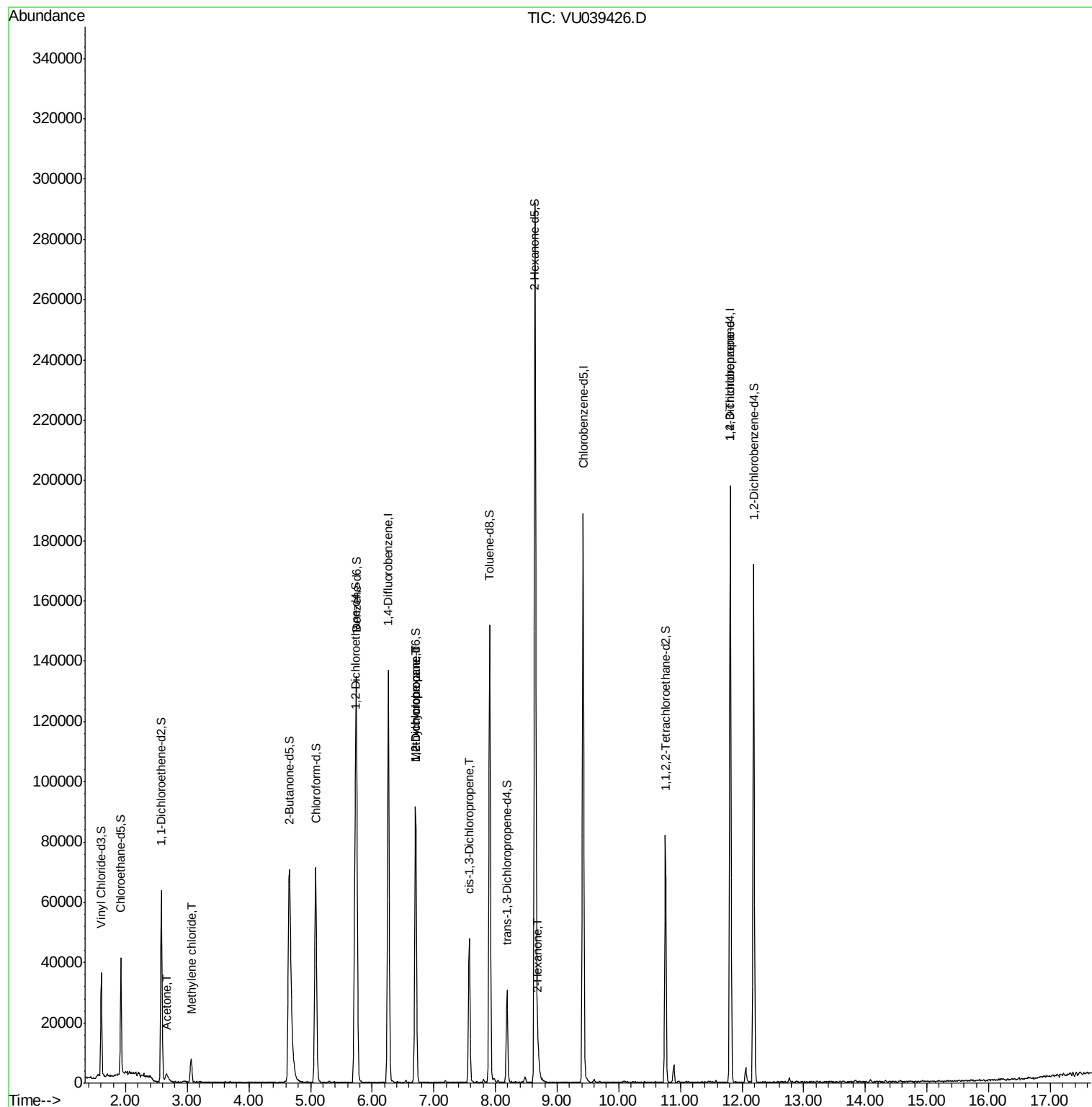
					Ovalue
13) Acetone	2.66	43	5359	3.569 ug/L	98
16) Methylene chloride	3.06	84	3607	0.460 ug/L	95
35) Methylcyclohexane	6.71	83	8779	0.730 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4732	0.597 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1138	0.095 ug/L #	68
48) 2-Hexanone	8.70	43	5941	1.219 ug/L #	86
59) 1,2,3-Trichloropropane	11.81	75	7781	1.333 ug/L	97

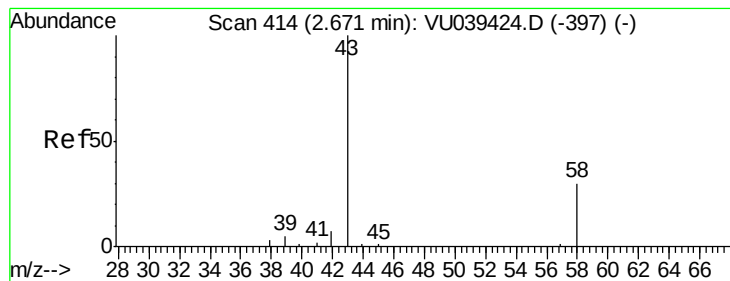
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.569 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039426.D

Acq: 10 Jul 2020 13:47

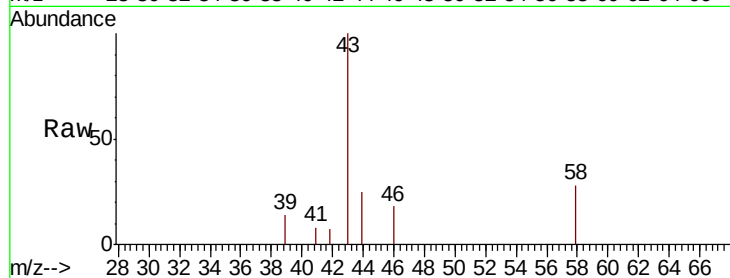
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 5359

Ion Ratio Lower Upper

43 100

58 32.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039426.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU039426.D (-321) (-)

2.66

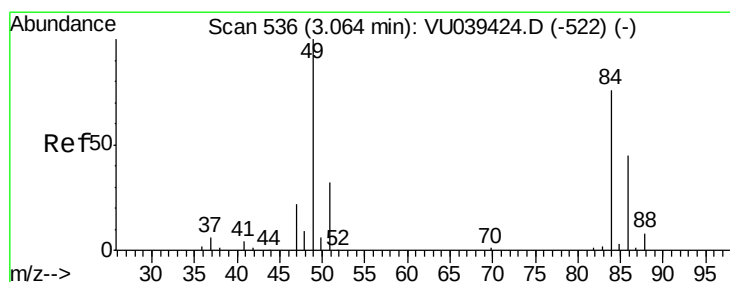
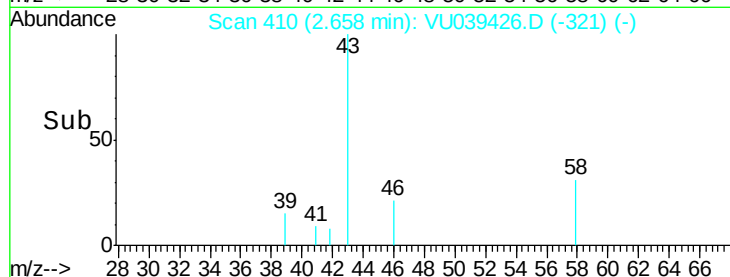
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 0.460 ug/L

RT: 3.06 min Scan# 536

Delta R.T. -0.00 min

Lab File: VU039426.D

Acq: 10 Jul 2020 13:47

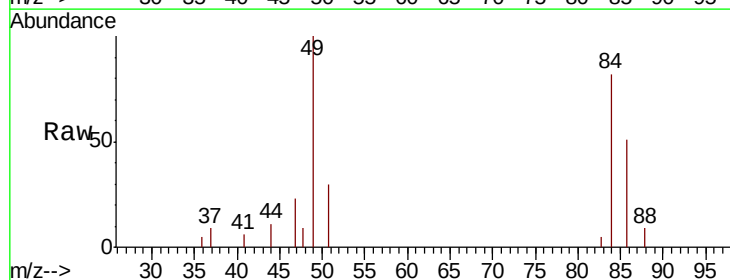
Tgt Ion: 84 Resp: 3607

Ion Ratio Lower Upper

84 100

86 62.4 43.5 80.9

49 121.3 91.1 169.1



Abundance Ion 84.05 (83.75 to 84.75): VU039426.D (-443) (-)

Ion 86.00 (85.70 to 86.70): VU039426.D (-443) (-)

Ion 49.10 (48.80 to 49.80): VU039426.D (-443) (-)

3.06

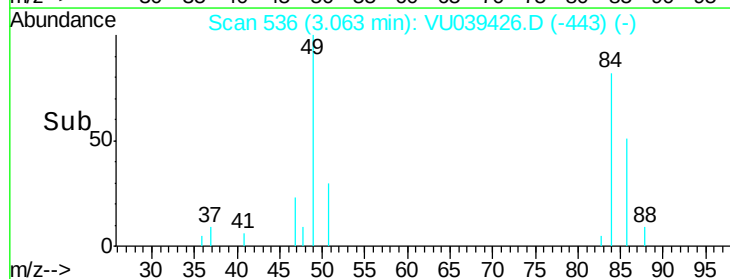
3000

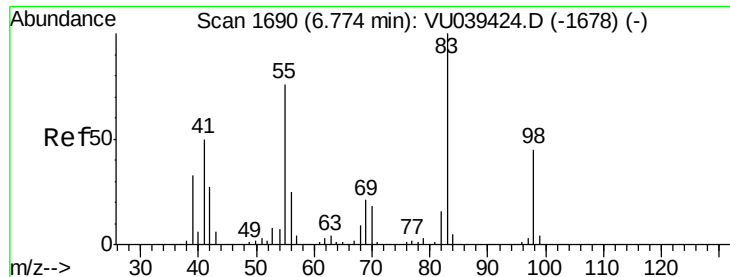
2000

1000

0

Time-->

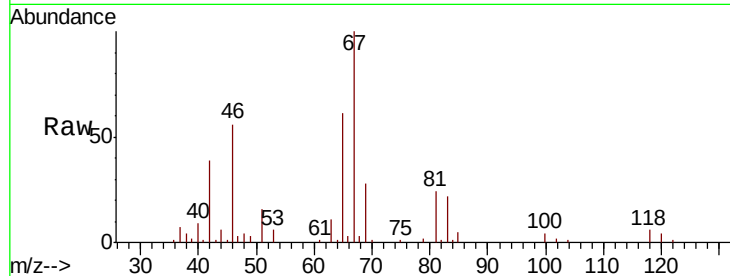




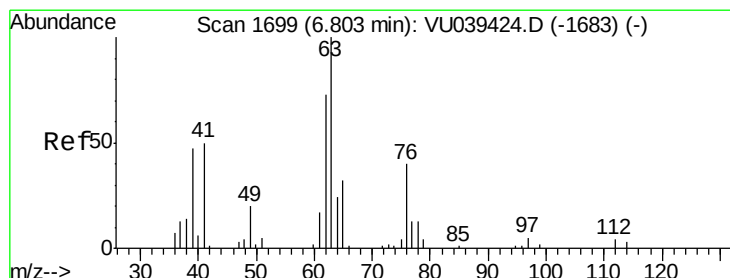
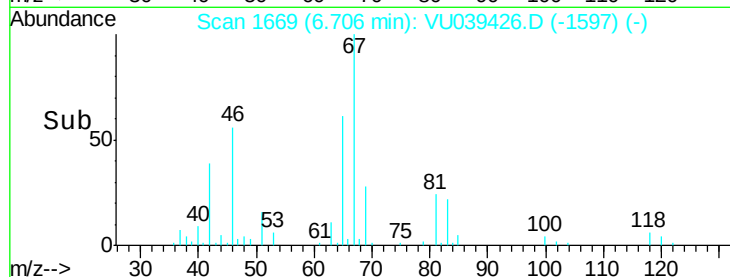
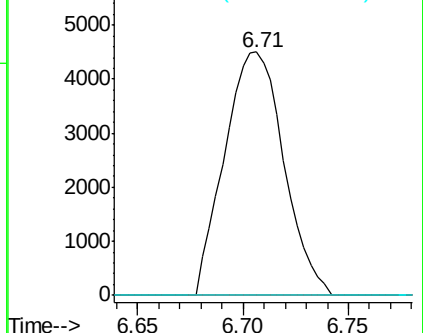
#35
Methylvlcyclohexane
Concen: 0.730 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039426.D
Acq: 10 Jul 2020 13:47

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 8779
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

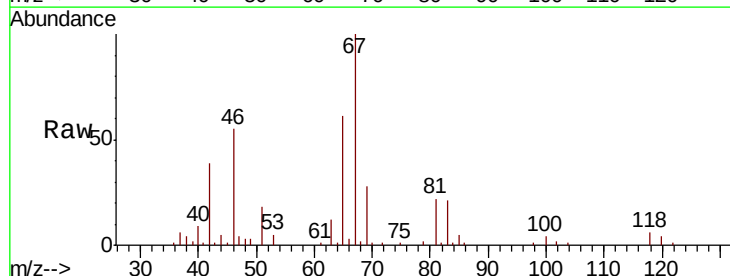


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

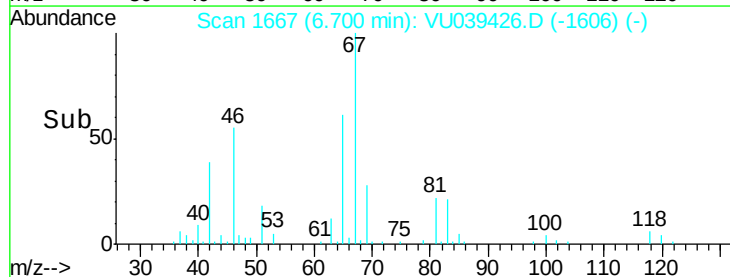
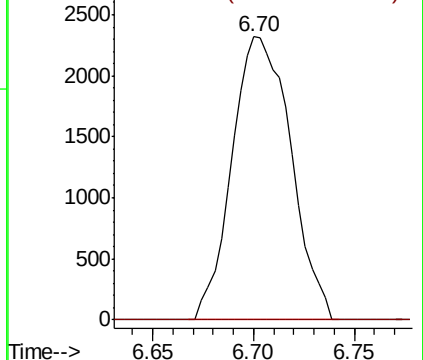


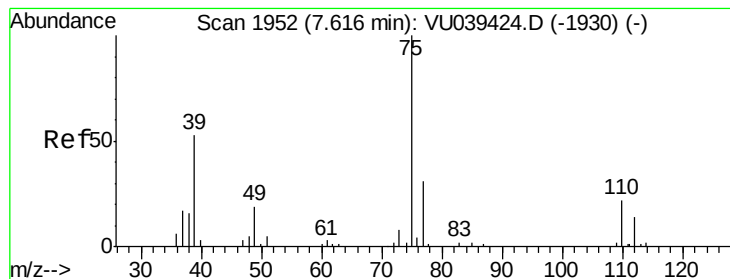
#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039426.D
Acq: 10 Jul 2020 13:47

Tgt Ion: 63 Resp: 4732
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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



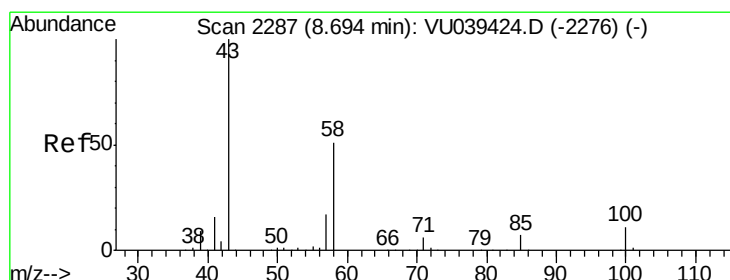
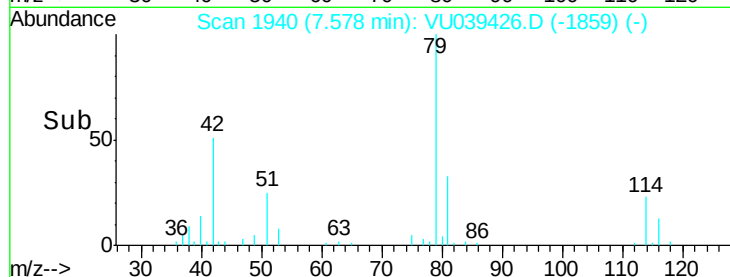
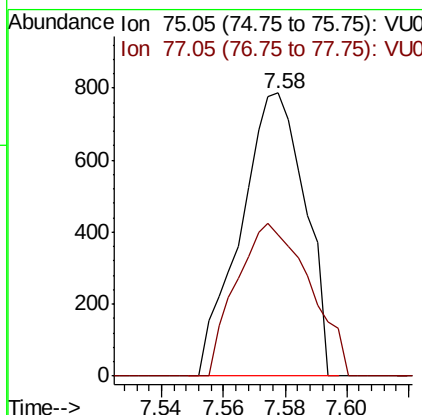
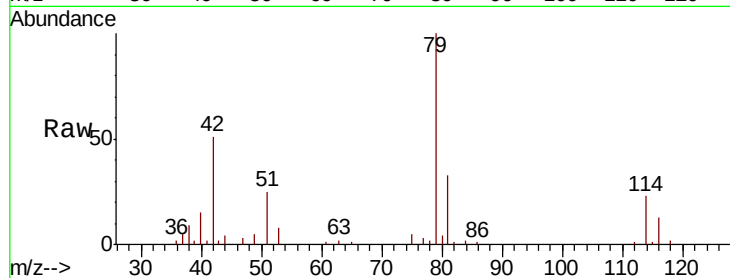


#39

cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU039426.D
Acq: 10 Jul 2020 13:47

Instrument :
MSVOA_U
ClientSampleId :

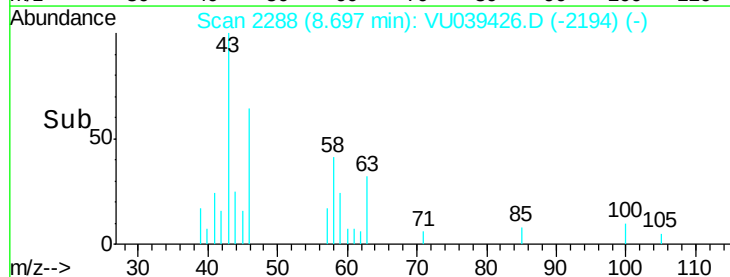
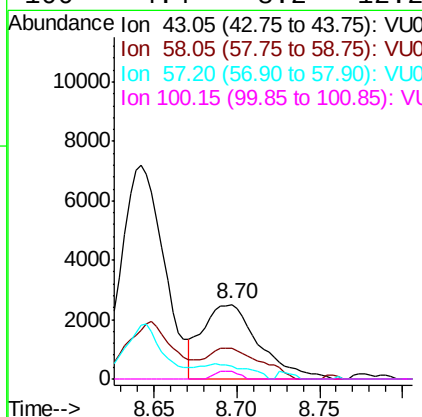
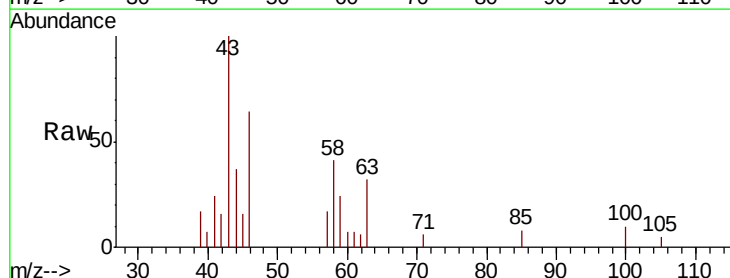
Tot Ion: 75 Resp: 1138
Ion Ratio Lower Upper
75 100
77 49.8 22.3 41.3#

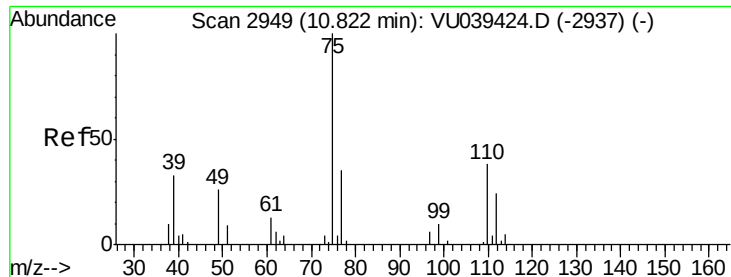


#48

2-Hexanone
Concen: 1.219 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039426.D
Acq: 10 Jul 2020 13:47

Tgt Ion: 43 Resp: 5941
Ion Ratio Lower Upper
43 100
58 40.3 42.0 63.0#
57 16.3 14.0 21.0
100 4.4 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 1.333 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039426.D

Acq: 10 Jul 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7781

Ion Ratio Lower Upper

75 100

77 35.4 26.8 40.2

