

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038190.D
 Acq On : 15 May 2020 12:11
 Operator : JC/MD
 Sample : L2647-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 03:32:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	316989	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	308300	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140386	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98047	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.93	69	99304	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.59	63	135369	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.67	46	405823	56.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	5.10	84	199072	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.74	65	124399	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.76	84	415113	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	143578	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.92	98	354954	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.20	79	46557	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.66	63	313456	55.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115027	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	132899	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

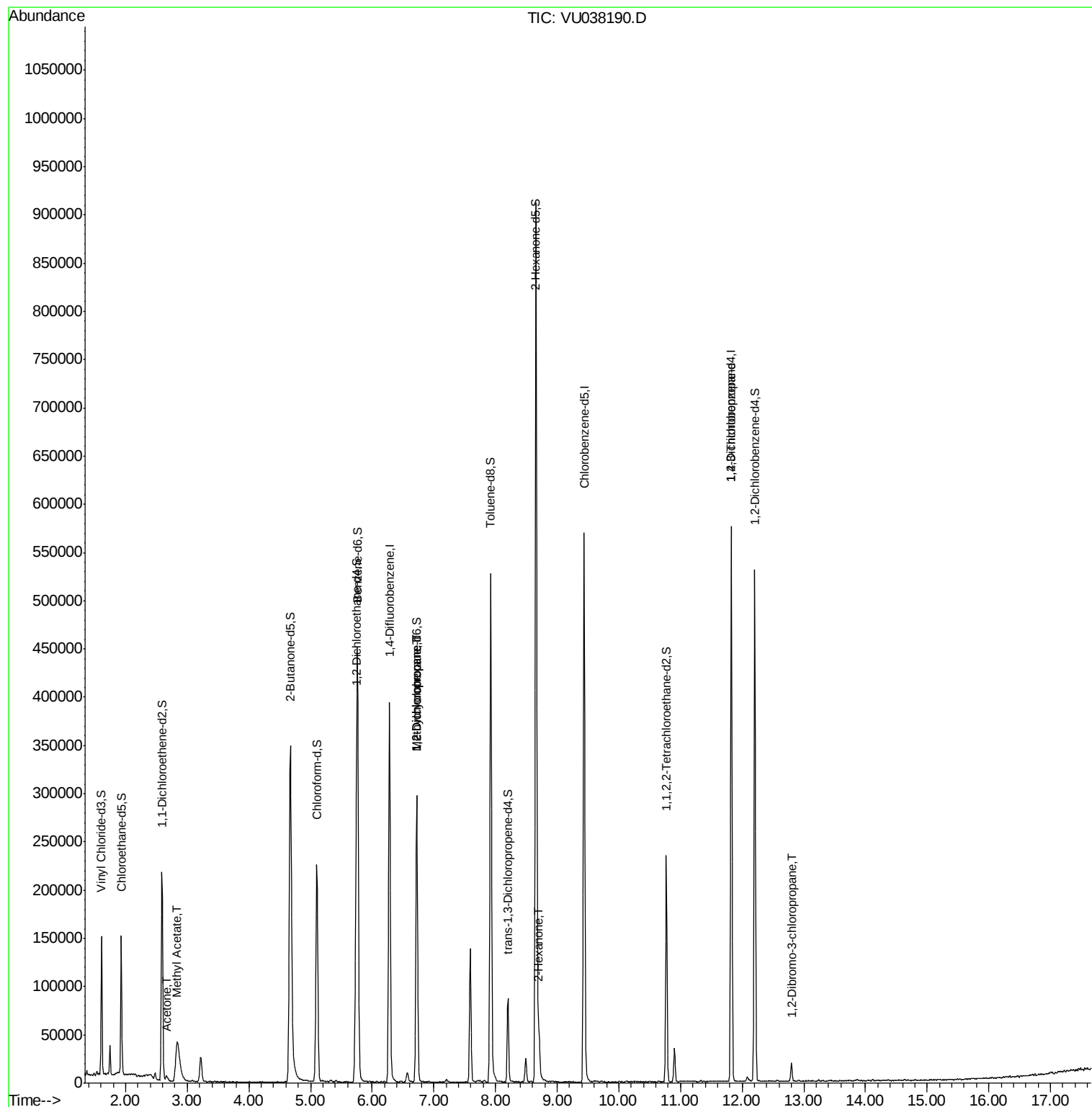
					Ovalue
13) Acetone	2.66	43	8213	1.830	ug/L 97
15) Methyl Acetate	2.84	43	27397	2.182	ug/L # 53
35) Methylcyclohexane	6.72	83	31982	0.800	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	15370	0.573	ug/L # 88
48) 2-Hexanone	8.71	43	24073	1.769	ug/L # 93
59) 1,2,3-Trichloropropane	11.83	75	19138	1.063	ug/L 90
66) 1,2-Dibromo-3-chloropropan	12.79	75	698	0.194	ug/L # 8

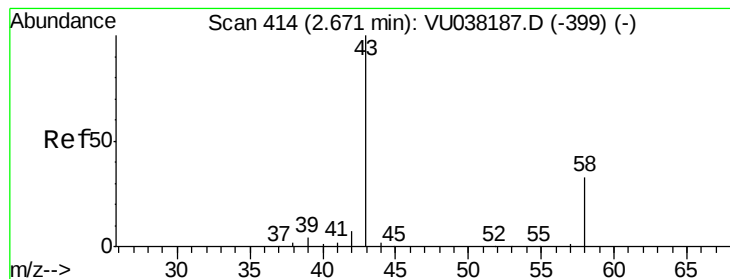
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.830 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU038190.D

Acq: 15 May 2020 12:11

Instrument :

MSVOA_U

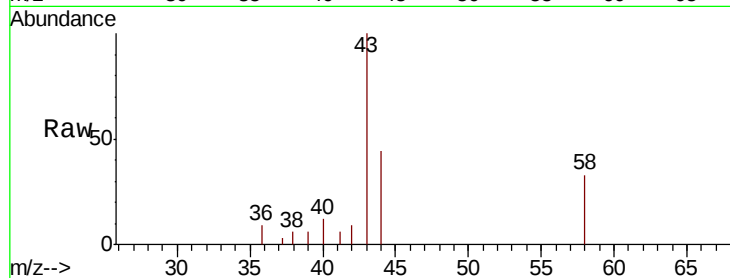
ClientSampleId :

Tot Ion: 43 Resp: 8213

Ion Ratio Lower Upper

43 100

58 30.3 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038190.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU038190.D (-321) (-)

2.66

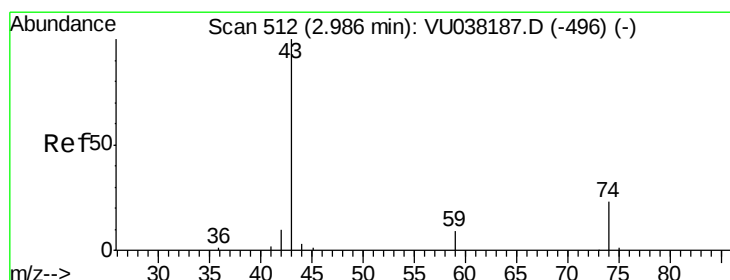
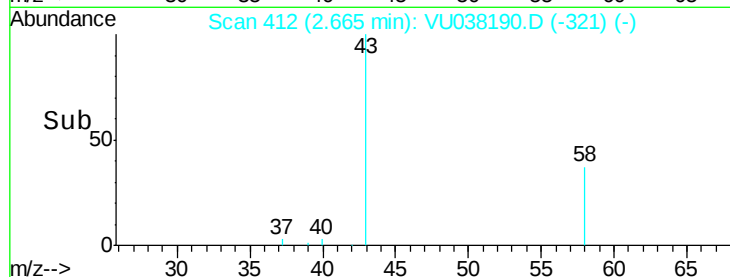
3000

2000

1000

0

Time--> 2.55 2.60 2.65 2.70 2.75



#15

Methyl Acetate

Concen: 2.182 ug/L

RT: 2.84 min Scan# 466

Delta R.T. -0.15 min

Lab File: VU038190.D

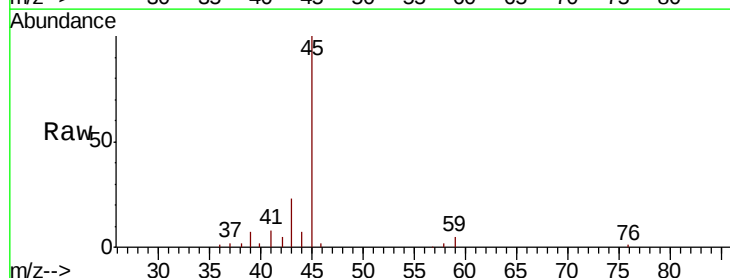
Acq: 15 May 2020 12:11

Tgt Ion: 43 Resp: 27397

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU038190.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VU038190.D (-419) (-)

2.84

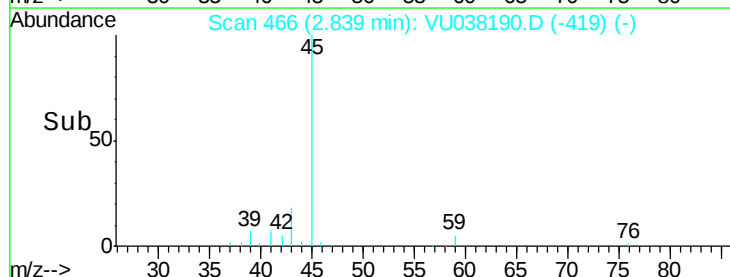
6000

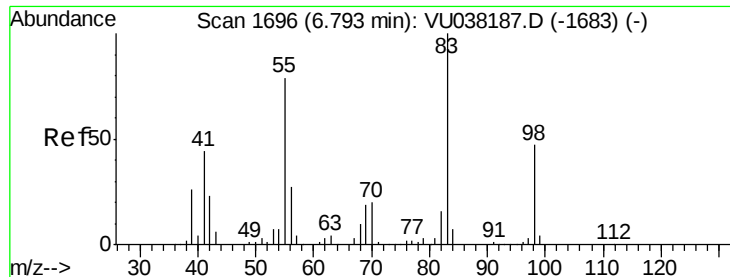
4000

2000

0

Time--> 2.70 2.80 2.90 3.00

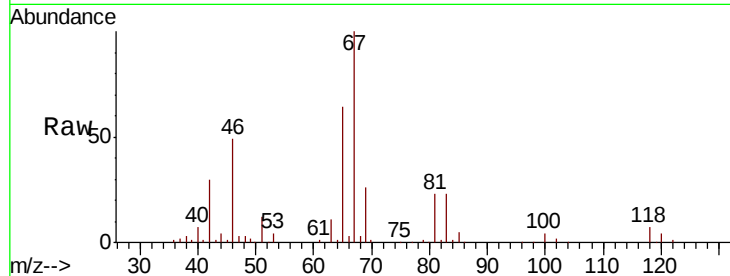




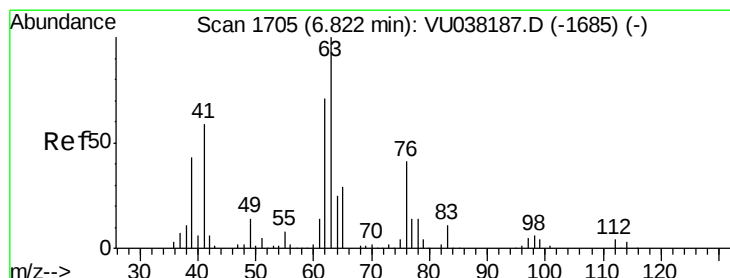
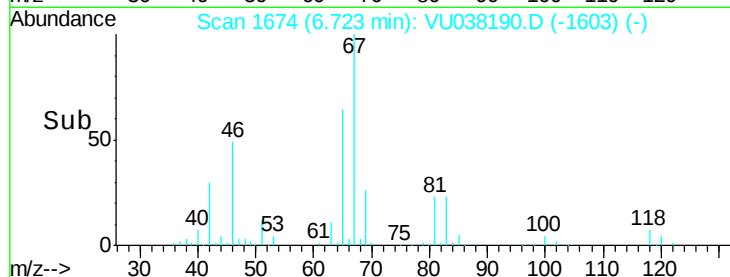
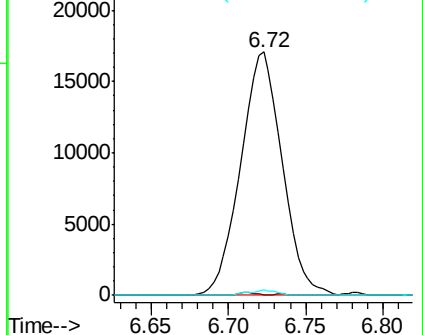
#35
Methvlcvclohexane
Concen: 0.800 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038190.D
Acq: 15 May 2020 12:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 31982
Ion Ratio Lower Upper
83 100
55 0.1 66.7 100.1#
98 1.4 39.4 59.2#

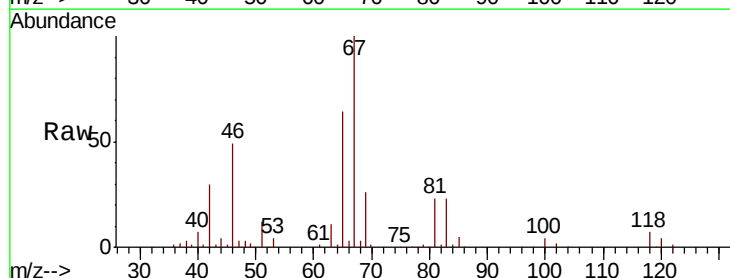


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

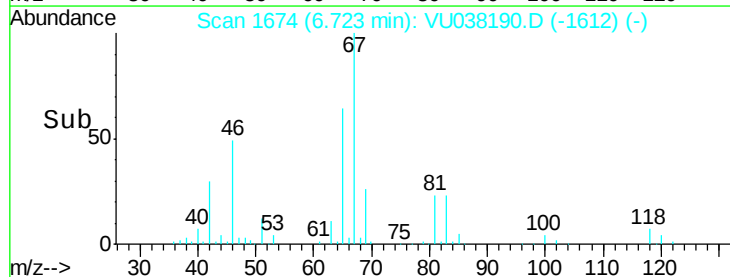
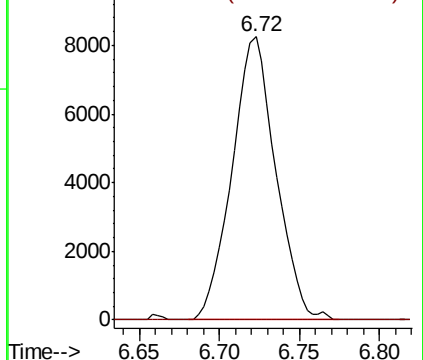


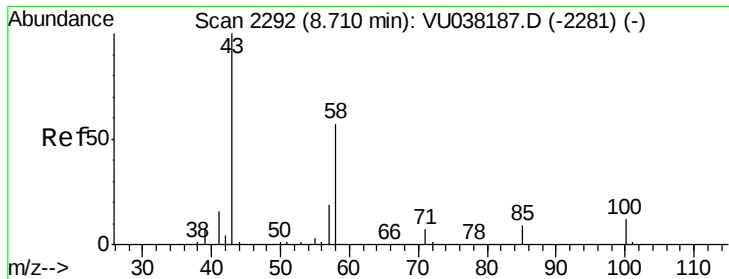
#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038190.D
Acq: 15 May 2020 12:11

Tgt Ion: 63 Resp: 15370
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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

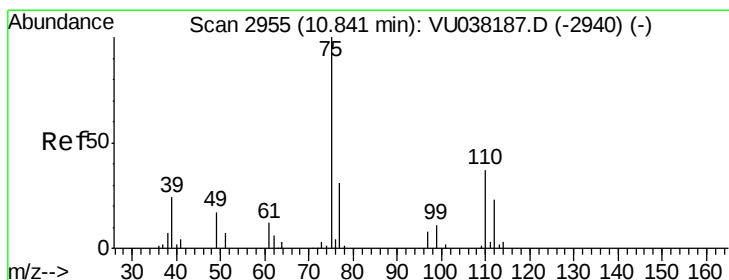
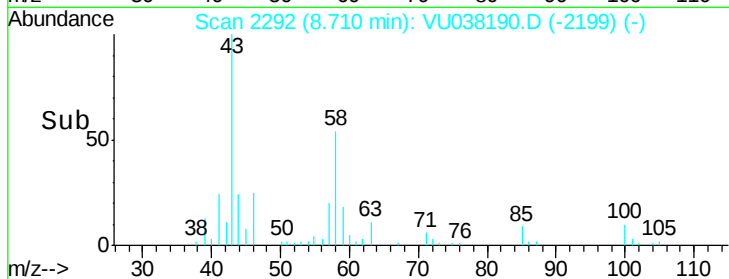
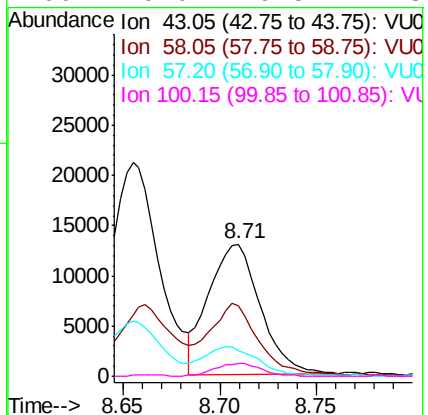
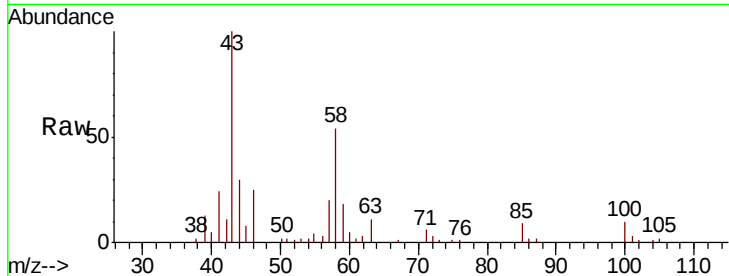




#48
2-Hexanone
Concen: 1.769 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038190.D
Acq: 15 May 2020 12:11

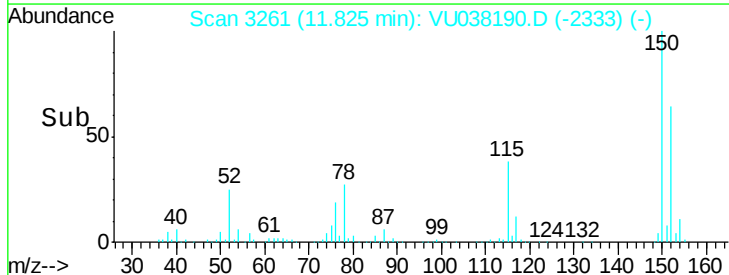
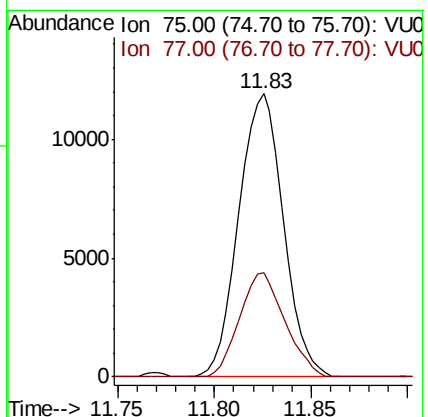
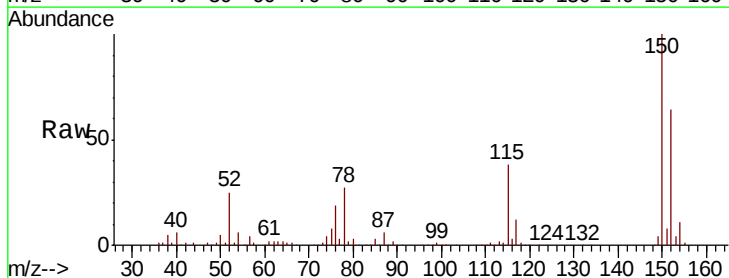
Instrument :
MSVOA_U
ClientSampled :

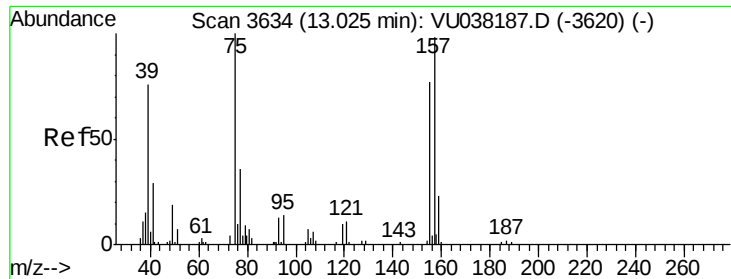
Tot Ion: 43 Resp: 24073
Ion Ratio Lower Upper
43 100
58 52.9 45.2 67.8
57 24.5 15.5 23.3#
100 9.0 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 1.063 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038190.D
Acq: 15 May 2020 12:11

Tgt Ion: 75 Resp: 19138
Ion Ratio Lower Upper
75 100
77 37.3 25.4 38.0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.194 ug/L

RT: 12.79 min Scan# 3562

Delta R.T. -0.23 min

Lab File: VU038190.D

Acq: 15 May 2020 12:11

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 698

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 72.9 109.3#

