

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038531.D
 Acq On : 03 Jun 2020 22:03
 Operator : SY/MD
 Sample : L2872-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFEN3

Quant Time: Jun 04 01:51:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 04 01:48:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299361	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	299975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143962	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	53213	2.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.00%
7) Chloroethane-d5	1.93	69	54552	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.59	63	93008	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	4.67	46	326630	55.49	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.98%
24) Chloroform-d	5.10	84	167532	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	104724	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.76	84	318117	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.72	67	104231	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.92	98	263823	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	8.20	79	40973	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.65	63	282367	57.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	98565	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	116371	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

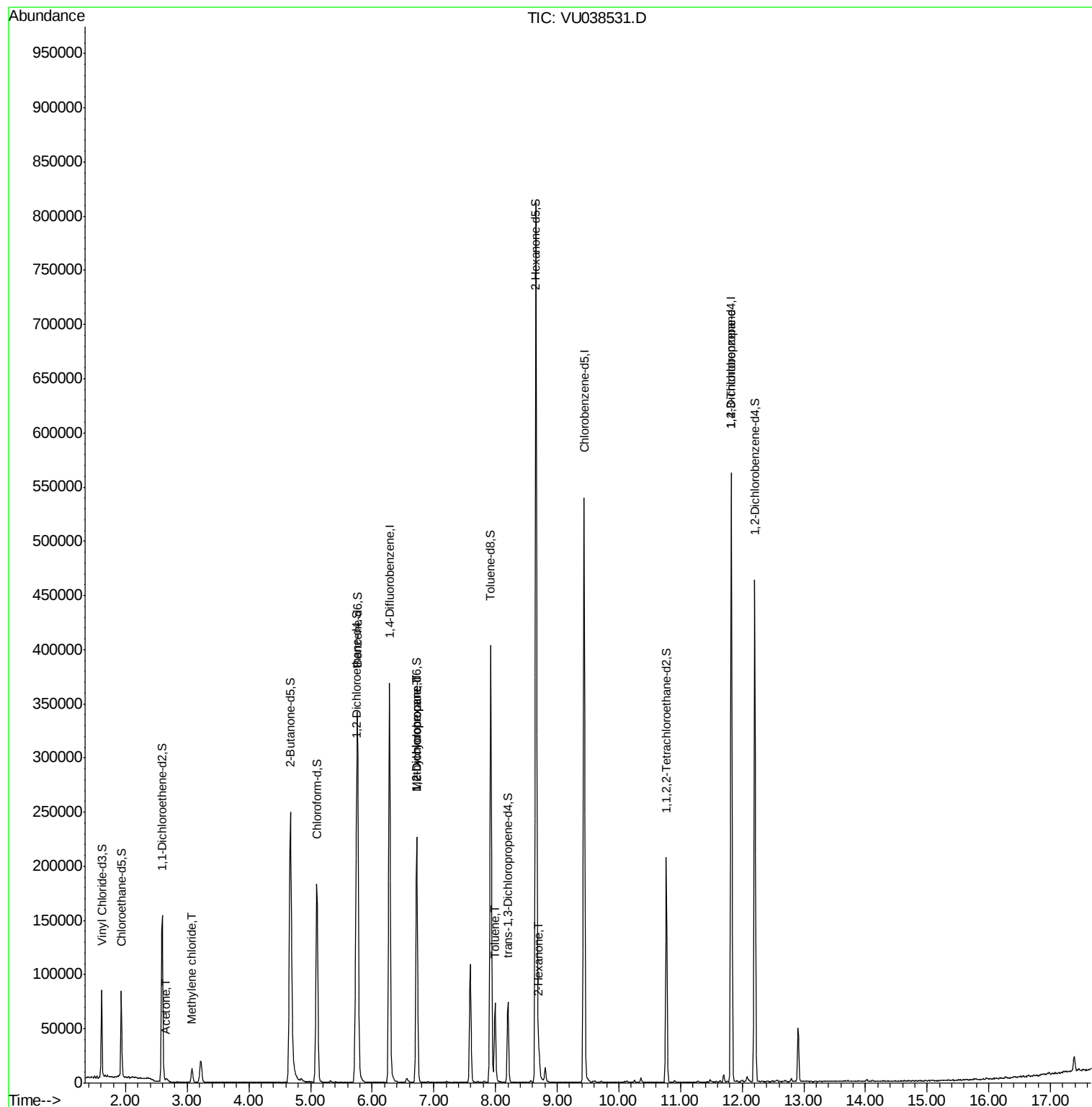
					Ovalue
13) Acetone	2.67	43	4185	1.086	ug/L 68
16) Methylene chloride	3.08	84	6039	0.289	ug/L 90
35) Methylcyclohexane	6.72	83	25198	0.750	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	11919	0.566	ug/L # 86
42) Toluene	7.99	91	51486	0.587	ug/L 100
48) 2-Hexanone	8.71	43	10783	0.946	ug/L # 89
59) 1,2,3-Trichloropropane	11.83	75	18067	1.150	ug/L 94

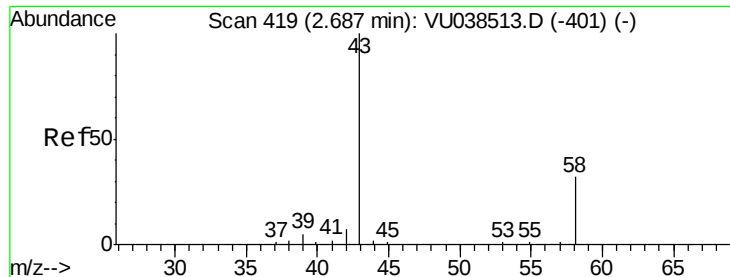
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 01:48:03 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.086 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

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Acq: 03 Jun 2020 22:03

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MSVOA_U

ClientSampleId :

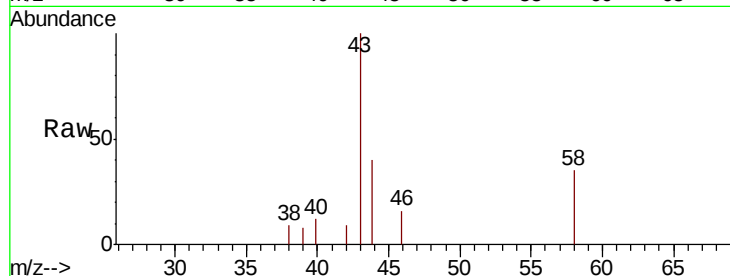
BFEN3

Tot Ion: 43 Resp: 4185

Ion Ratio Lower Upper

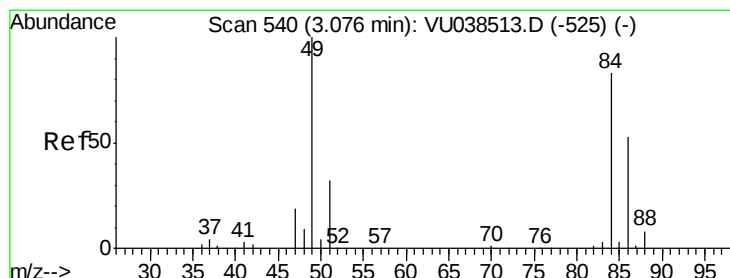
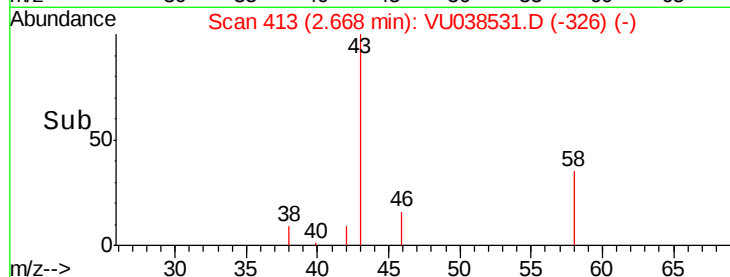
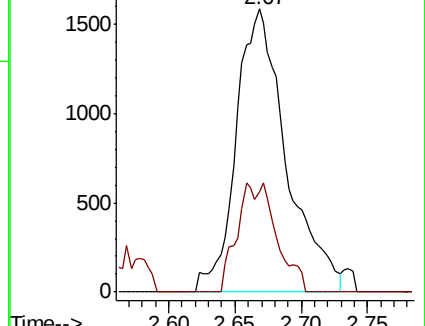
43 100

58 14.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038513.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038513.D (-401) (-)



#16

Methylene chloride

Concen: 0.289 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038531.D

Acq: 03 Jun 2020 22:03

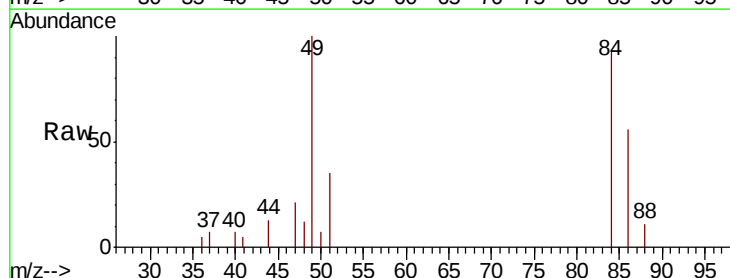
Tgt Ion: 84 Resp: 6039

Ion Ratio Lower Upper

84 100

86 60.6 45.0 83.6

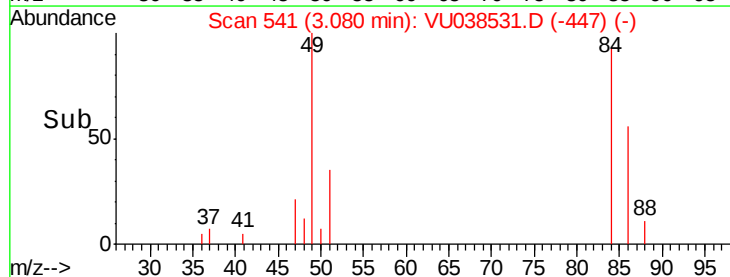
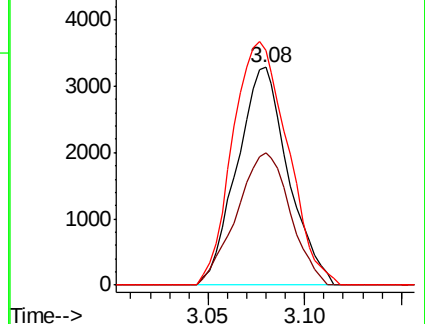
49 107.7 85.5 158.9

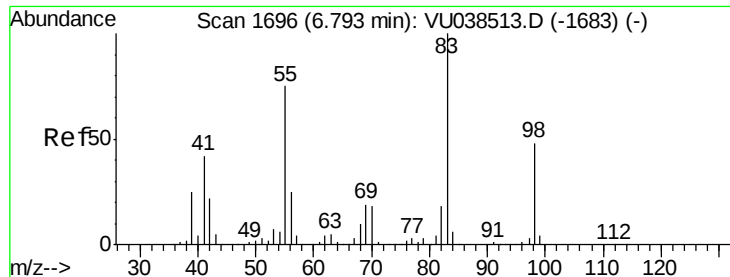


Abundance Ion 84.05 (83.75 to 84.75): VU038513.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038513.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038513.D (-525) (-)

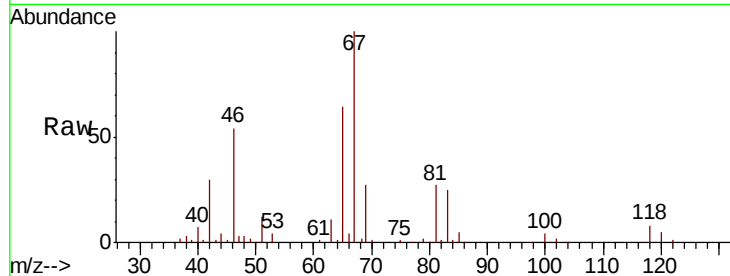




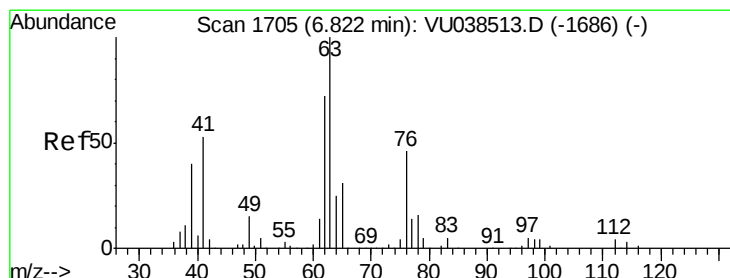
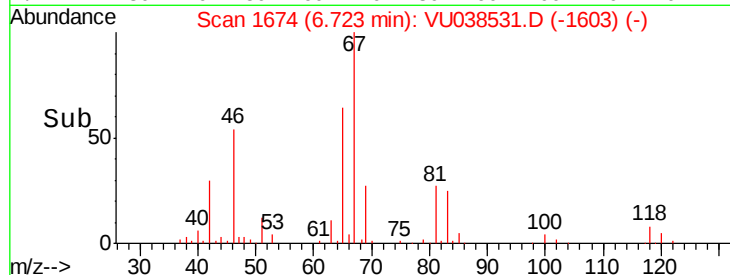
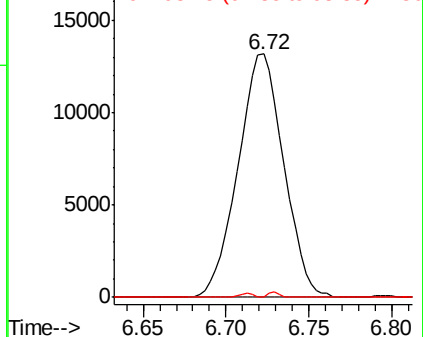
#35
Methvlcvclohexane
Concen: 0.750 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038531.D
Acq: 03 Jun 2020 22:03

Instrument :
MSVOA_U
ClientSampleId :
BFEN3

Tot Ion: 83 Resp: 25198
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 0.5 39.0 58.4#

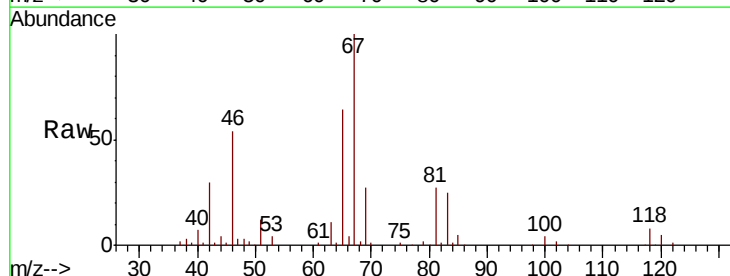


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

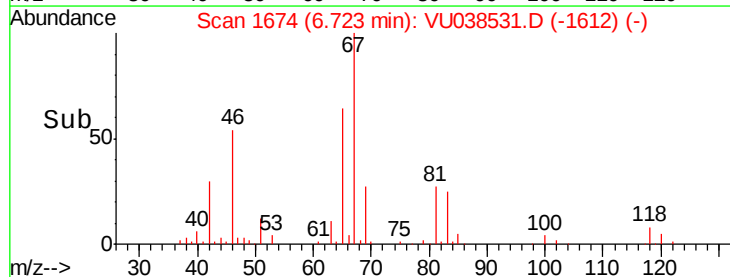
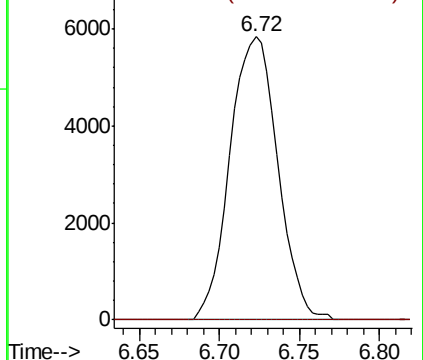


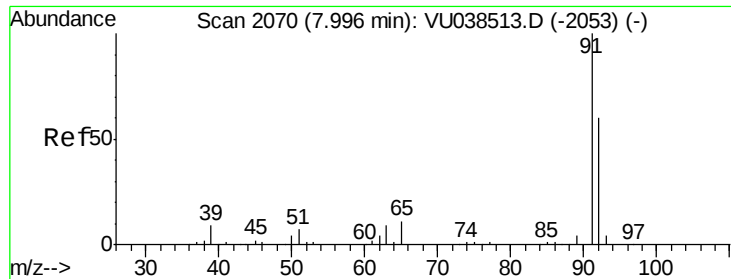
#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038531.D
Acq: 03 Jun 2020 22:03

Tgt Ion: 63 Resp: 11919
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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





#42

Toluene

Concen: 0.587 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038531.D

Acq: 03 Jun 2020 22:03

Instrument :

MSVOA_U

ClientSampleId :

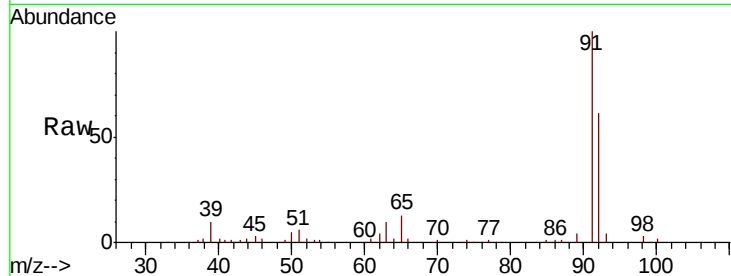
BFEN3

Tot Ion: 91 Resp: 51486

Ion Ratio Lower Upper

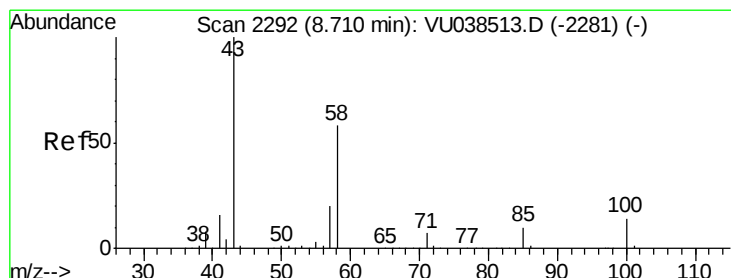
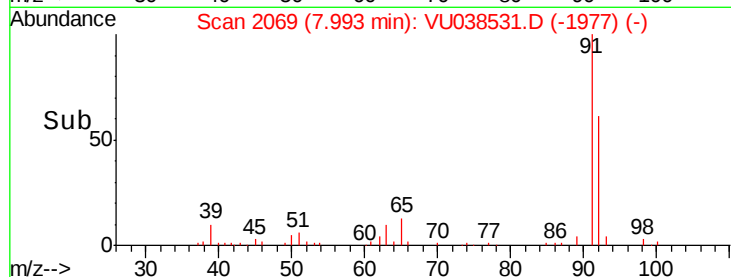
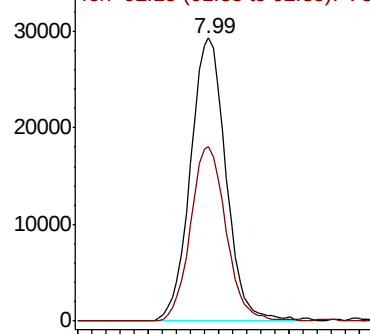
91 100

92 61.5 43.0 79.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#48

2-Hexanone

Concen: 0.946 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038531.D

Acq: 03 Jun 2020 22:03

Tgt Ion: 43 Resp: 10783

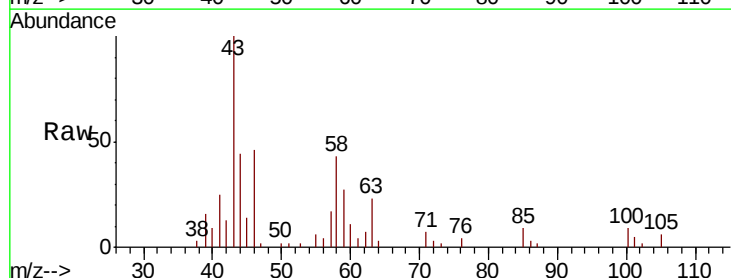
Ion Ratio Lower Upper

43 100

58 45.7 45.4 68.0

57 18.9 15.9 23.9

100 10.1 10.5 15.7#

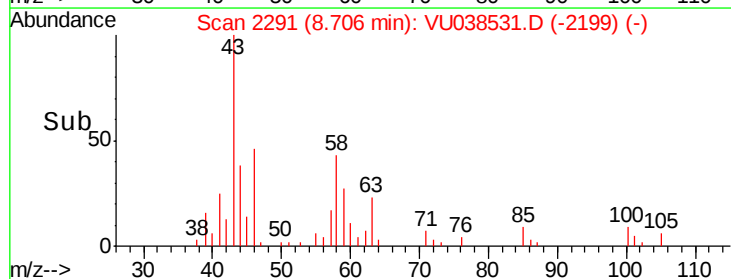
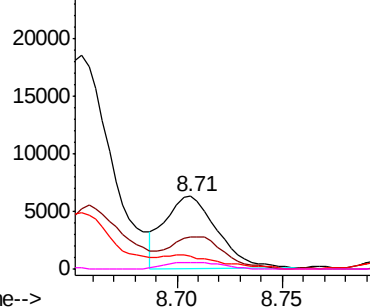


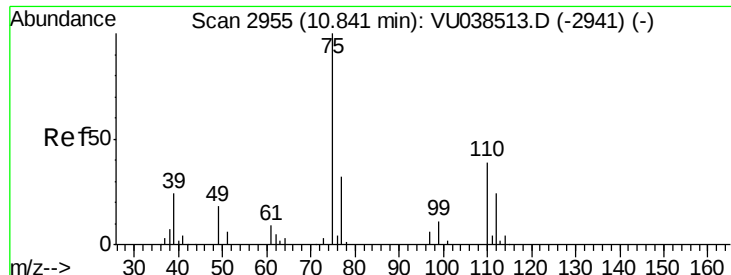
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.150 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038531.D

Acq: 03 Jun 2020 22:03

Instrument :

MSVOA_U

ClientSampleId :

BFEN3

Tot Ion: 75 Resp: 18067

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.2

