

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061920\
 Data File : VU038996.D
 Acq On : 19 Jun 2020 21:32
 Operator : SY/MD
 Sample : L3061-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK2

Quant Time: Jun 20 05:45:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 20 05:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254090	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	120356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	125754	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.93	69	97591	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.59	63	171665	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.68	46	380268	53.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	5.10	84	206163	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.74	65	124226	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.76	84	417084	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.72	67	133189	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.92	98	411551	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloropropene-	8.20	79	67593	5.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.00%
46) 2-Hexanone-d5	8.66	63	276614	52.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115641	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	140912	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

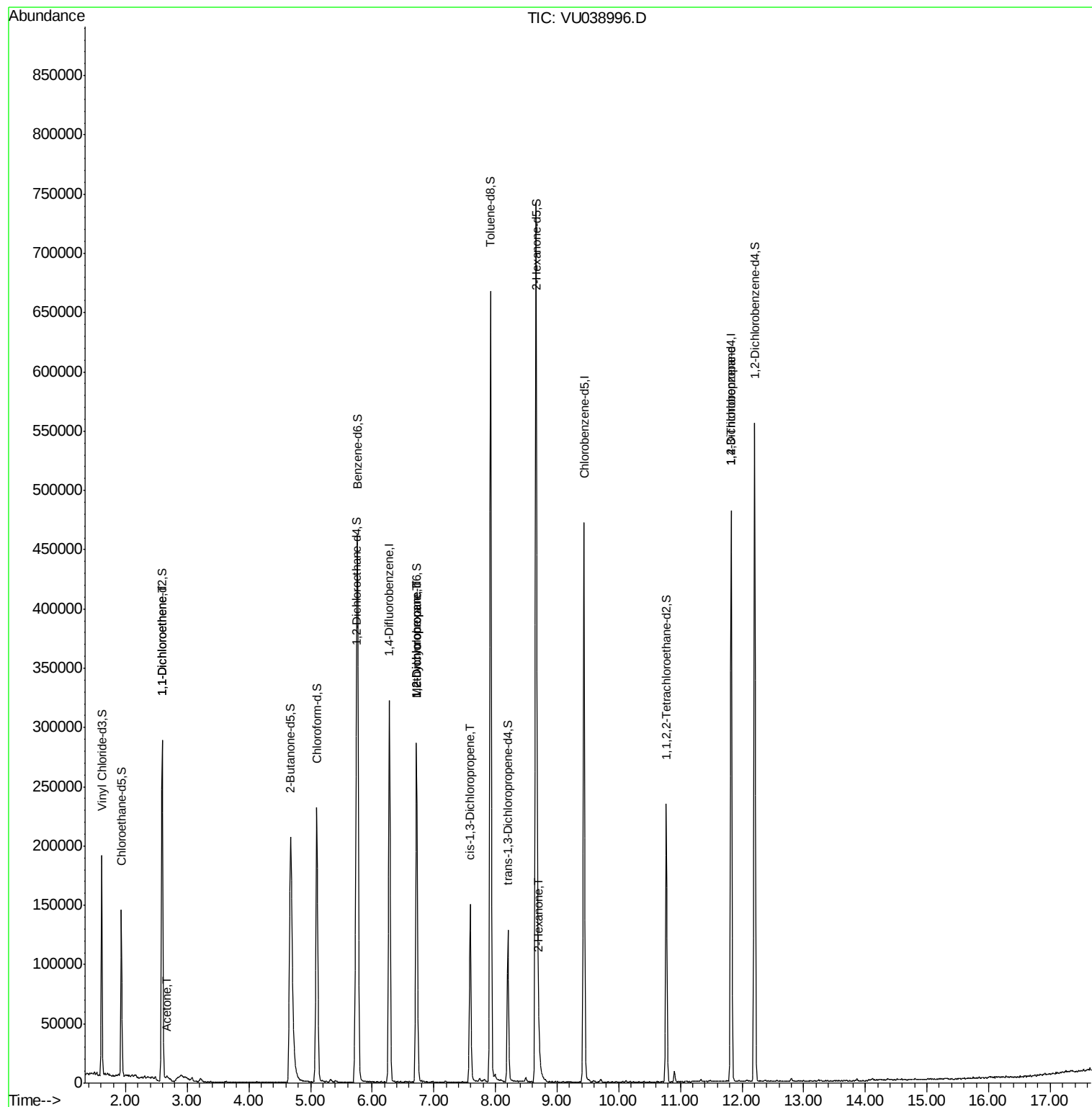
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1178	0.063 ug/L #	1
13) Acetone	2.68	43	6521	1.498 ug/L	99
35) Methylcyclohexane	6.72	83	31511	0.977 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14690	0.651 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3670	0.103 ug/L #	35
48) 2-Hexanone	8.71	43	13265	1.035 ug/L #	88
59) 1,2,3-Trichloropropane	11.82	75	16275	1.002 ug/L	92

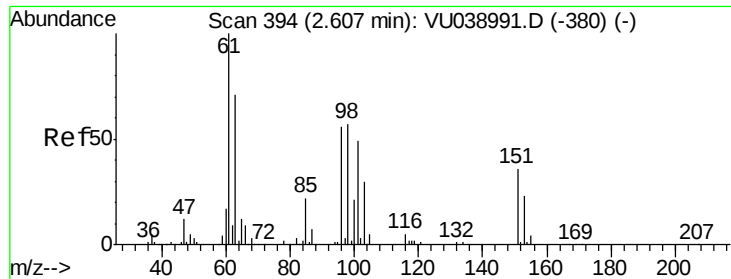
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 20 05:43:50 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038996.D

Acq: 19 Jun 2020 21:32

Instrument :

MSVOA_U

ClientSampleId :

BFXK2

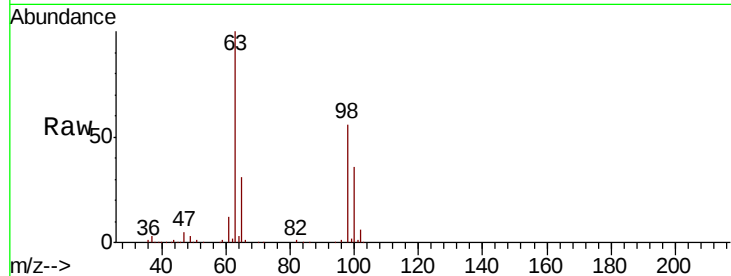
Tot Ion: 96 Resp: 1178

Ion Ratio Lower Upper

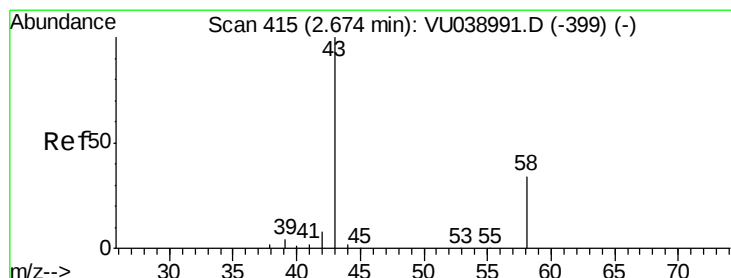
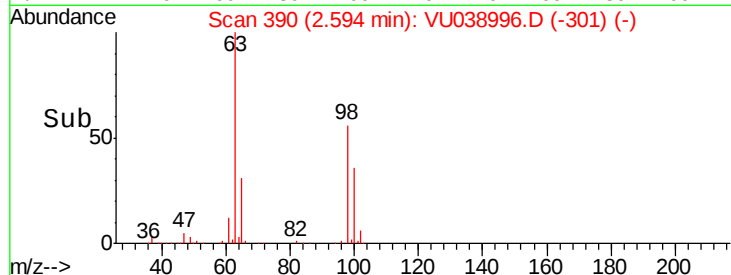
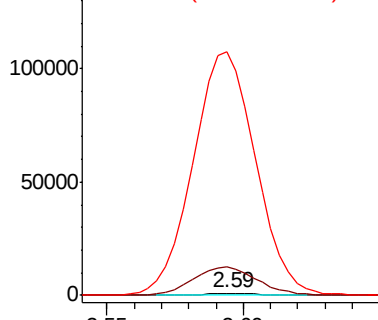
96 100

61 1443.4 126.0 234.0#

63 12403.7 87.2 162.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.498 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU038996.D

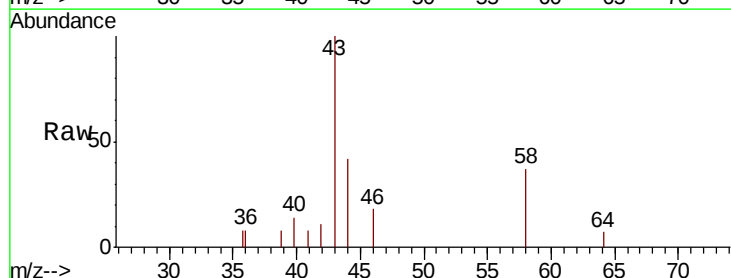
Acq: 19 Jun 2020 21:32

Tgt Ion: 43 Resp: 6521

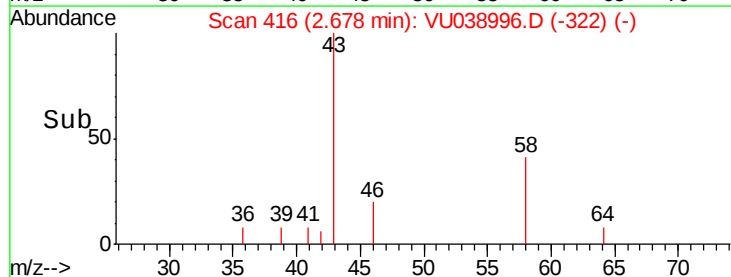
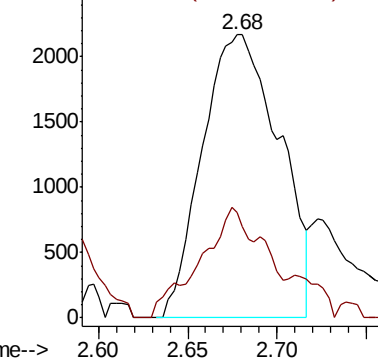
Ion Ratio Lower Upper

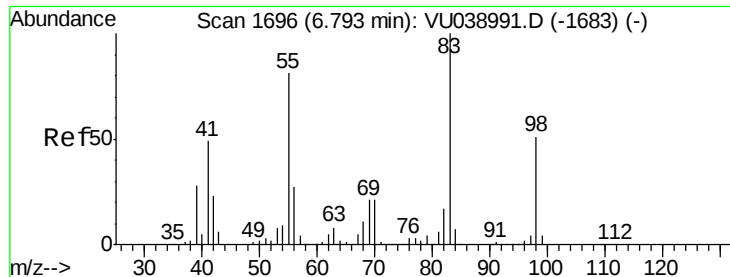
43 100

58 32.9 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

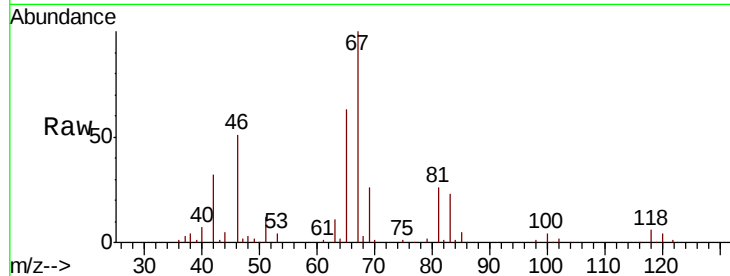




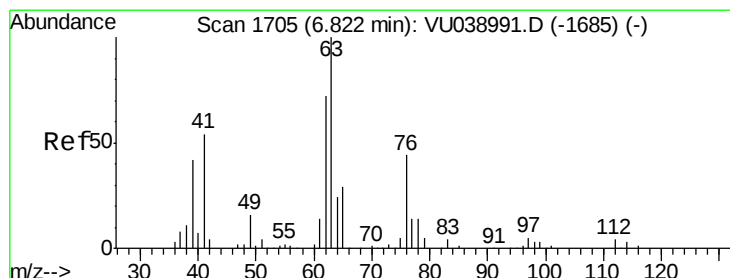
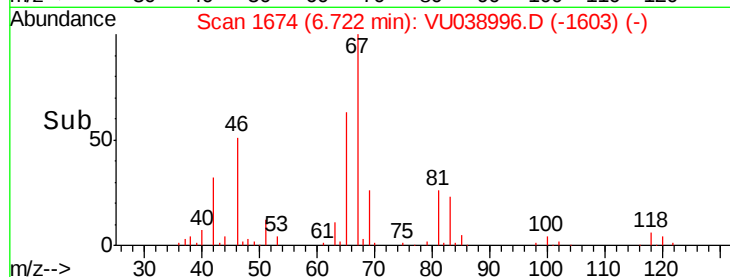
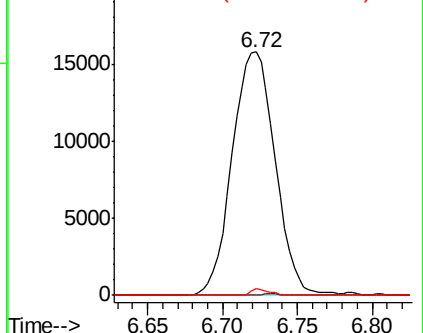
#35
Methvlcvclohexane
Concen: 0.977 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038996.D
Acq: 19 Jun 2020 21:32

Instrument :
MSVOA_U
ClientSampleId :
BFXK2

Tot Ion: 83 Resp: 31511
Ion Ratio Lower Upper
83 100
55 0.2 64.2 96.2#
98 1.1 37.3 55.9#

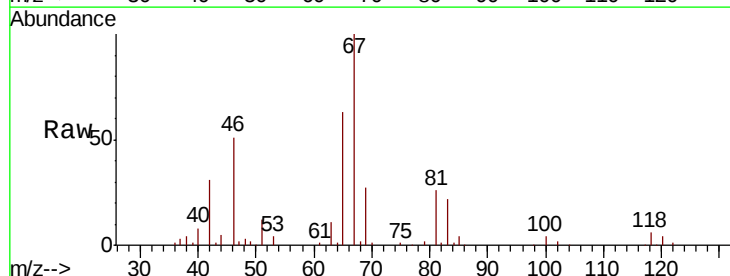


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

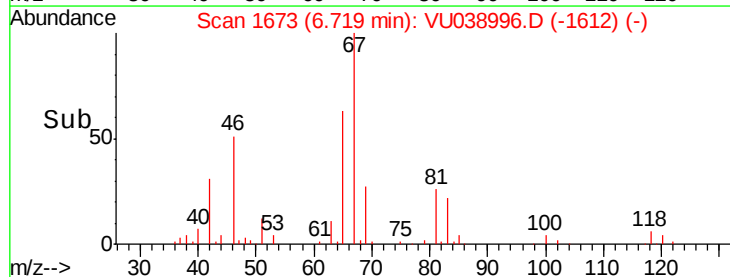
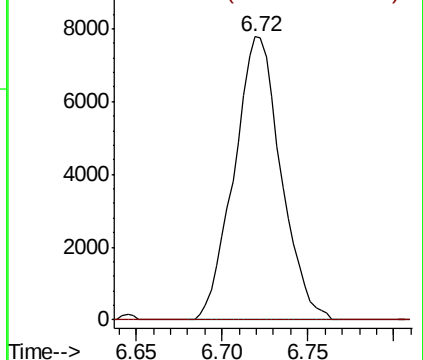


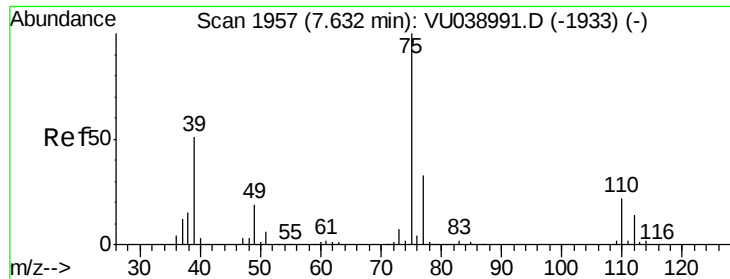
#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038996.D
Acq: 19 Jun 2020 21:32

Tgt Ion: 63 Resp: 14690
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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: 0.103 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038996.D

Acq: 19 Jun 2020 21:32

Instrument :

MSVOA_U

ClientSampleId :

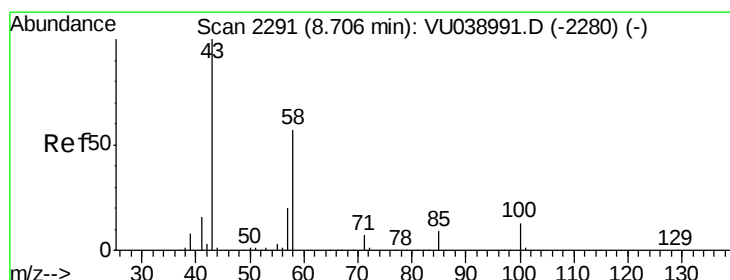
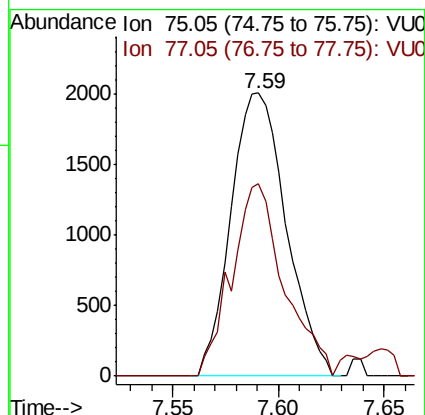
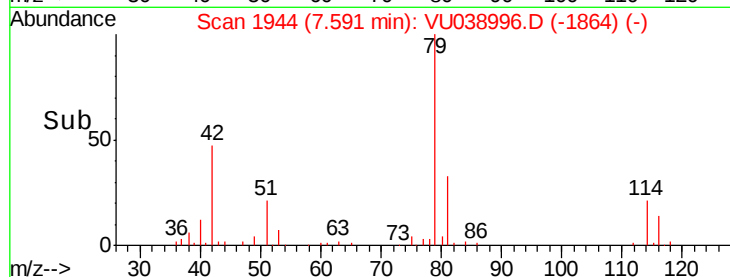
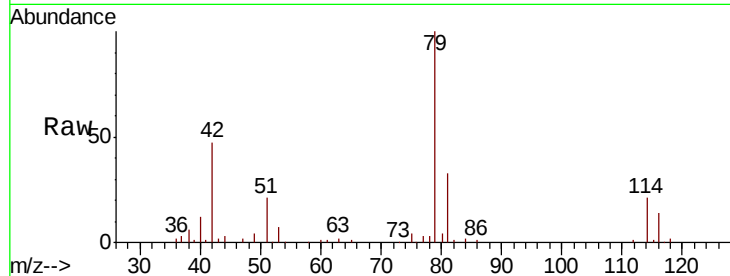
BFXK2

Tot Ion: 75 Resp: 3670

Ion Ratio Lower Upper

75 100

77 67.9 22.3 41.3#



#48

2-Hexanone

Concen: 1.035 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038996.D

Acq: 19 Jun 2020 21:32

Tgt Ion: 43 Resp: 13265

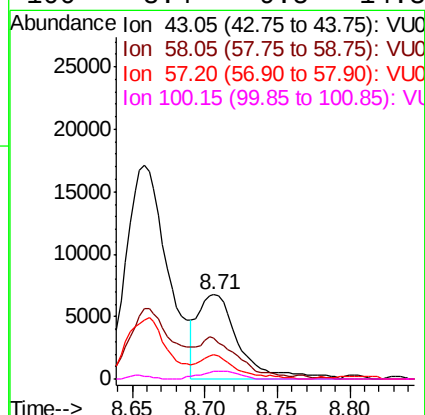
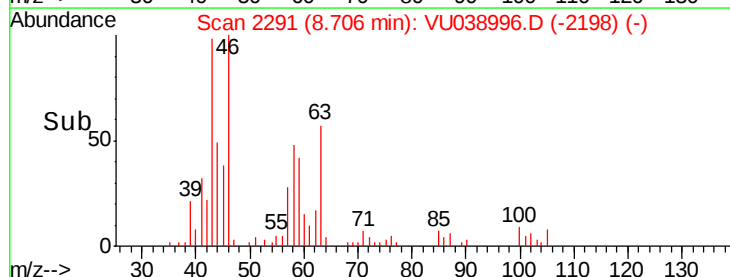
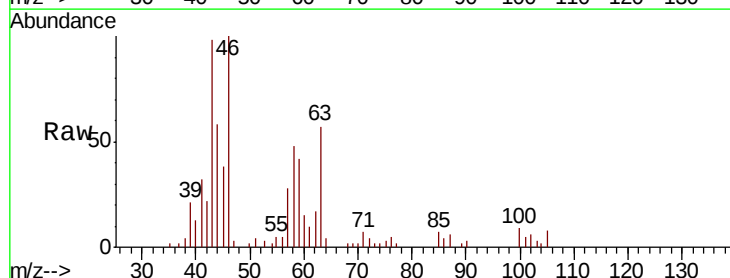
Ion Ratio Lower Upper

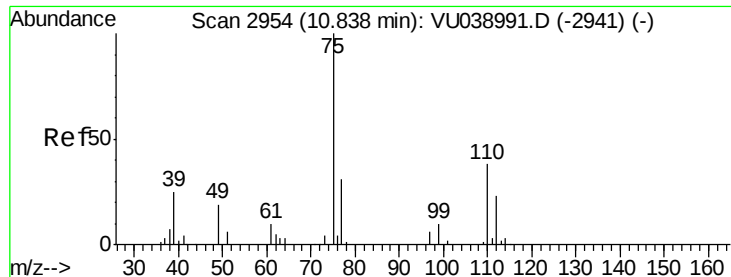
43 100

58 46.0 43.2 64.8

57 26.3 15.2 22.8#

100 8.4 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 1.002 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038996.D

Acq: 19 Jun 2020 21:32

Instrument :

MSVOA_U

ClientSampleId :

BFXK2

Tot Ion: 75 Resp: 16275

Ion Ratio Lower Upper

75 100

77 36.8 25.9 38.9

