

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062220\
 Data File : VU039012.D
 Acq On : 22 Jun 2020 18:27
 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 23 01:28:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271142	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	273524	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	122828	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121508	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.93	69	93649	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.40%
11) 1,1-Dichloroethene-d2	2.59	63	170139	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.67	46	378935	52.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.50%
24) Chloroform-d	5.10	84	191396	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.74	65	131320	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.76	84	431754	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.72	67	142204	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.92	98	347135	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.20	79	59021	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.65	63	294323	52.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122012	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	137042	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

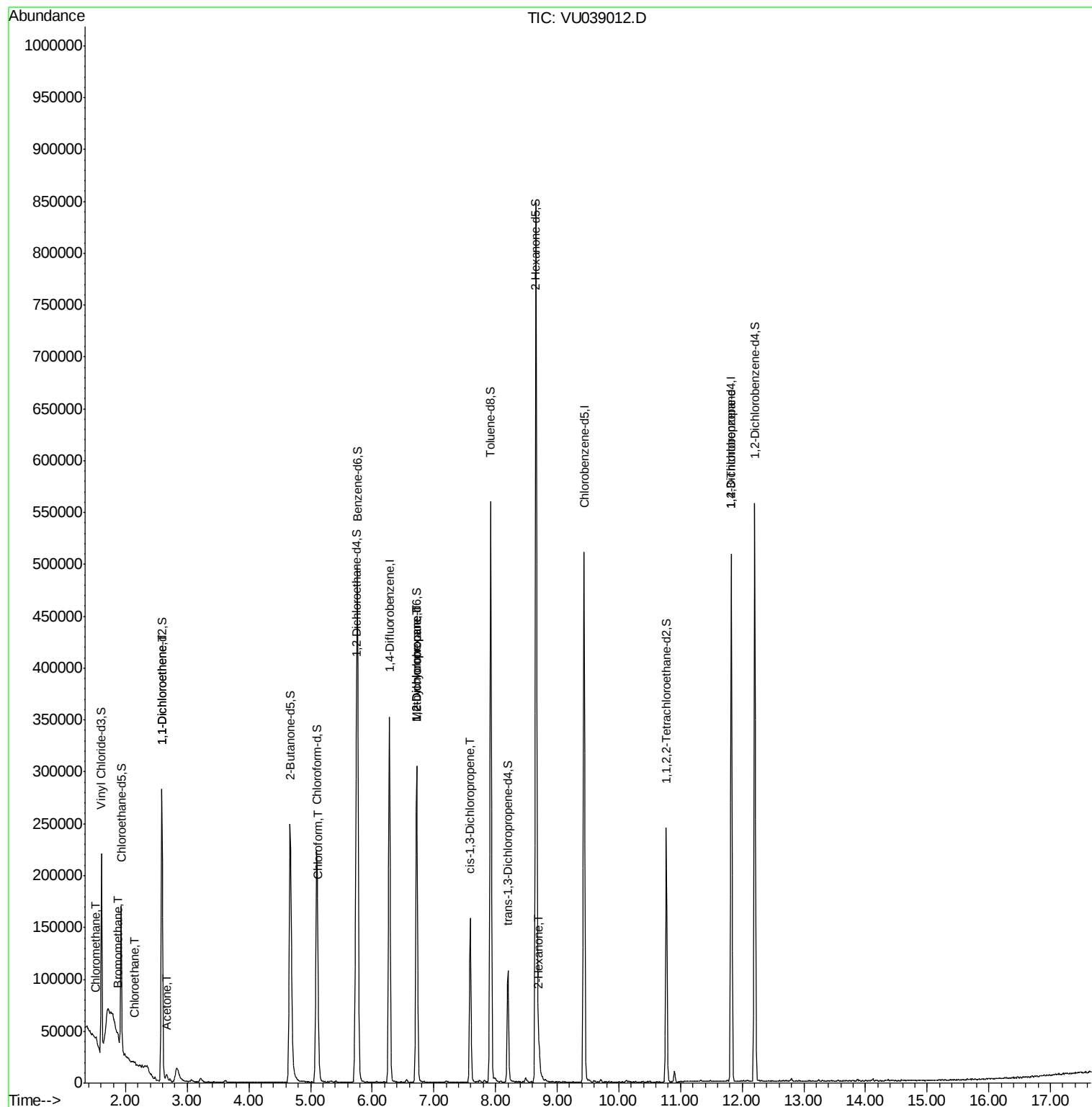
					Ovalue
3) Chloromethane	1.53	50	1677	0.111 ug/L #	70
6) Bromomethane	1.88	94	1089	0.165 ug/L	99
8) Chloroethane	2.15	64	2284	0.150 ug/L #	53
12) 1,1-Dichloroethene	2.59	96	1255	0.064 ug/L #	1
13) Acetone	2.66	43	8765	1.916 ug/L	100
25) Chloroform	5.12	83	26358	0.614 ug/L	95
35) Methylcyclohexane	6.72	83	33509	1.003 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15122	0.637 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	4136	0.122 ug/L #	57
48) 2-Hexanone	8.71	43	14216	1.082 ug/L #	93
59) 1,2,3-Trichloropropane	11.82	75	16979	0.971 ug/L	91

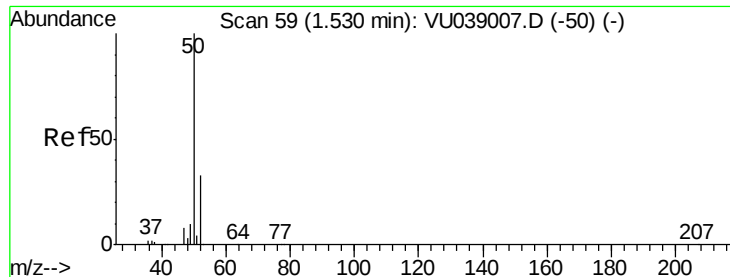
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062220\
Data File : VU039012.D
Acq On : 22 Jun 2020 18:27
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 23 01:28:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 01:25:34 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.111 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039012.D

Acq: 22 Jun 2020 18:27

Instrument :

MSVOA_U

ClientSampled :

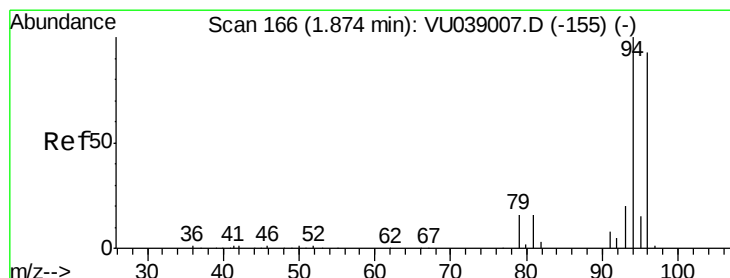
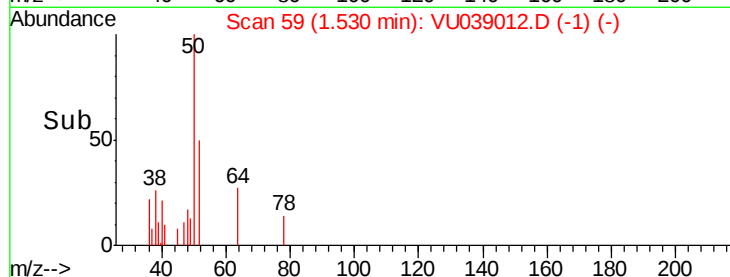
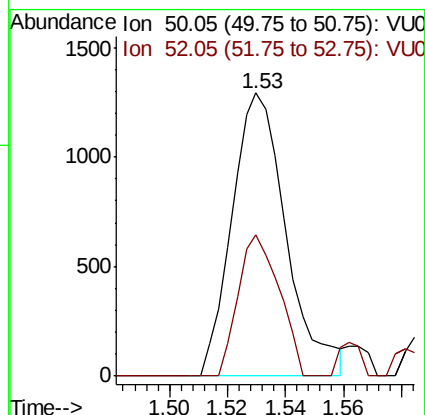
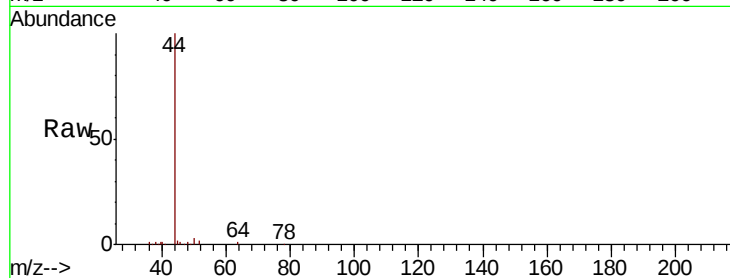
BFXK2

Tot Ion: 50 Resp: 1677

Ion Ratio Lower Upper

50 100

52 49.8 23.0 42.6#



#6

Bromomethane

Concen: 0.165 ug/L

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU039012.D

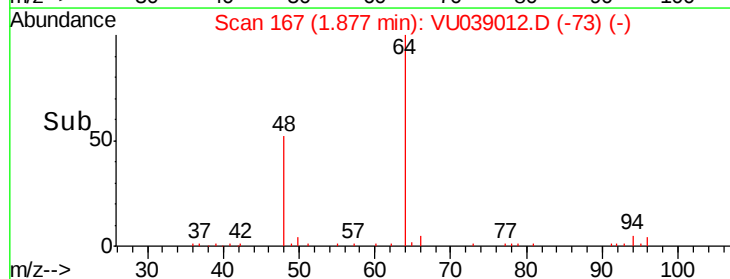
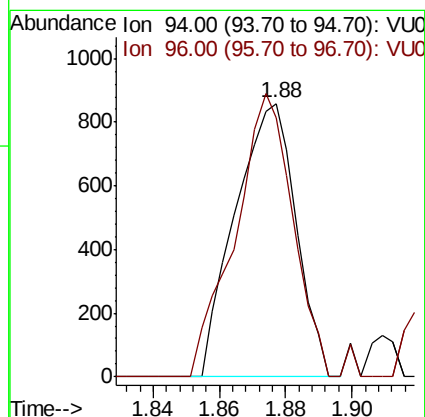
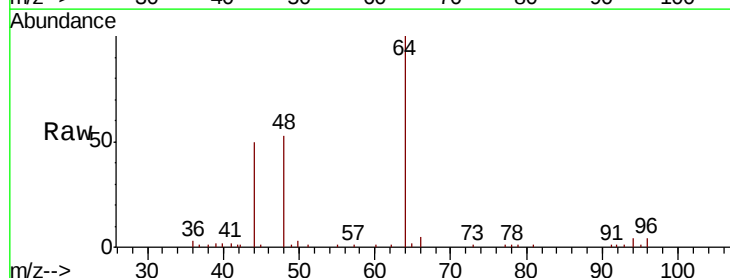
Acq: 22 Jun 2020 18:27

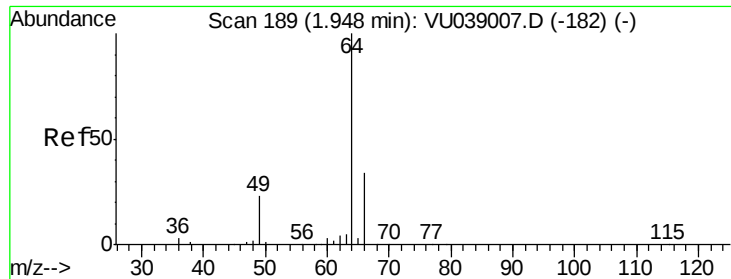
Tgt Ion: 94 Resp: 1089

Ion Ratio Lower Upper

94 100

96 94.6 65.5 121.7

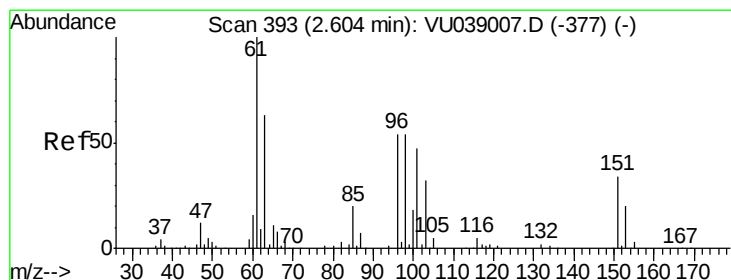
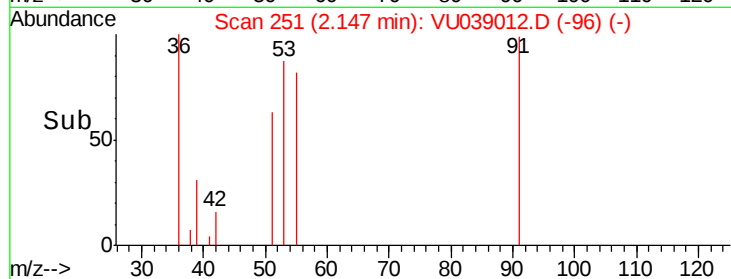
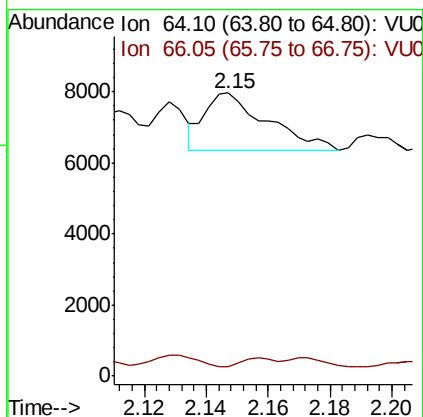
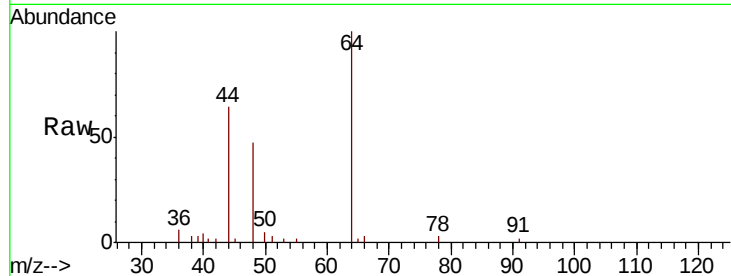




#8
Chloroethane
Concen: 0.150 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.20 min
Lab File: VU039012.D
Acq: 22 Jun 2020 18:27

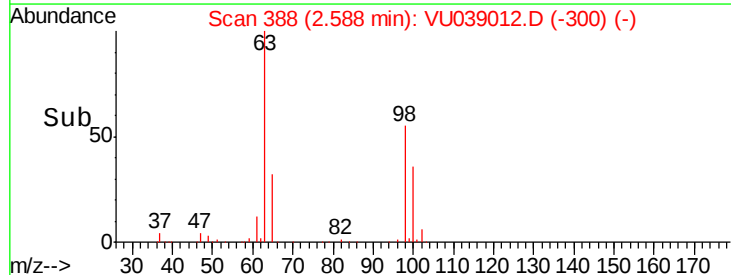
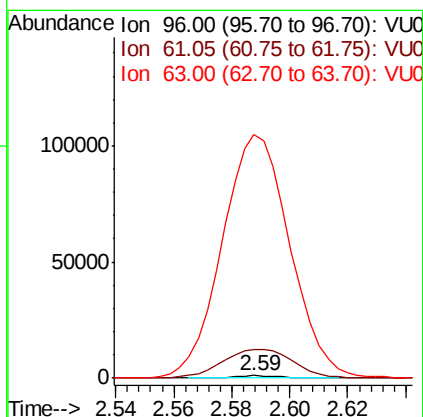
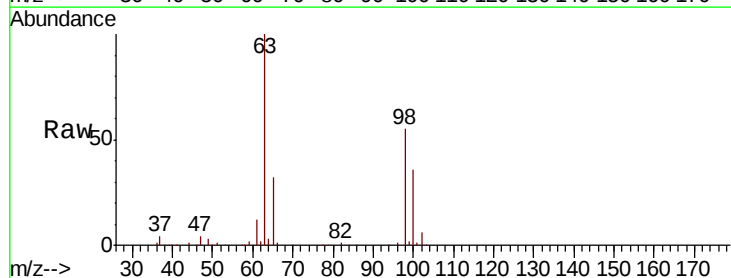
Instrument :
MSVOA_U
ClientSampled :
BFXK2

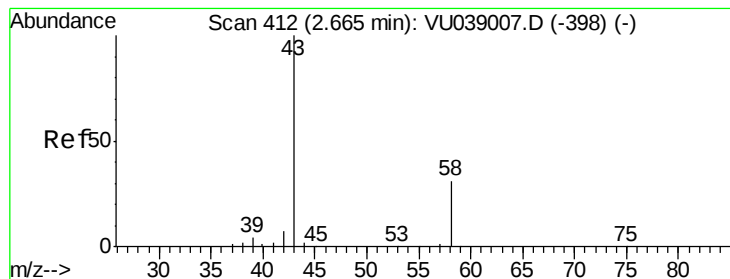
Tot Ion: 64 Resp: 2284
Ion Ratio Lower Upper
64 100
66 3.3 19.4 36.0#



#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.02 min
Lab File: VU039012.D
Acq: 22 Jun 2020 18:27

Tgt Ion: 96 Resp: 1255
Ion Ratio Lower Upper
96 100
61 1206.8 128.7 239.1#
63 10229.9 101.5 188.5#





#13

Acetone

Concen: 1.916 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU039012.D

Acq: 22 Jun 2020 18:27

Instrument :

MSVOA_U

ClientSampled :

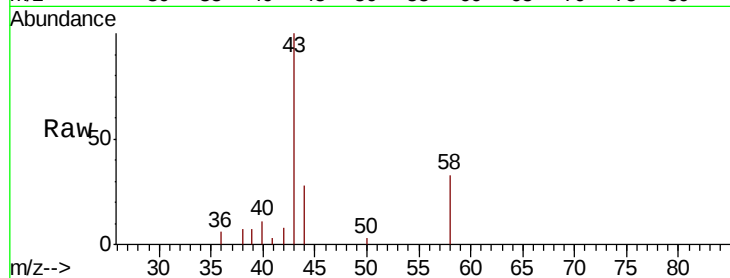
BFXK2

Tot Ion: 43 Resp: 8765

Ion Ratio Lower Upper

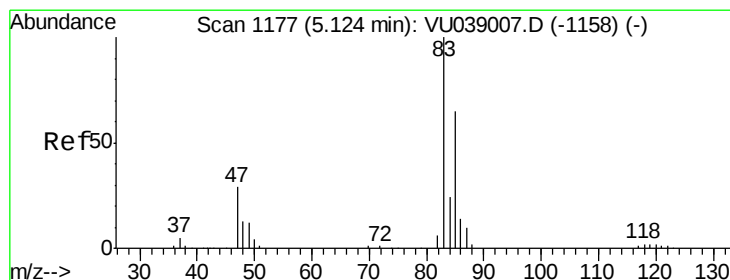
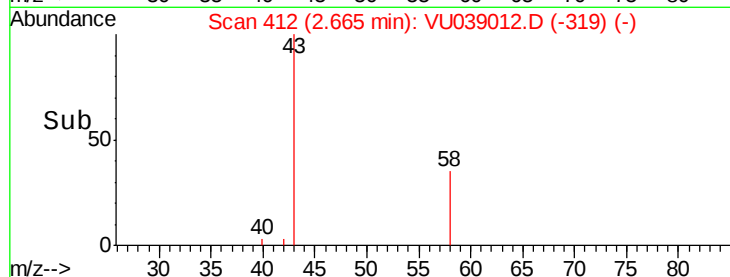
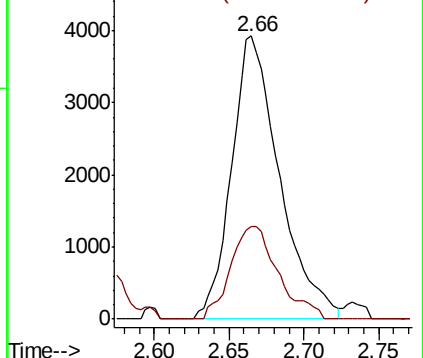
43 100

58 32.3 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU039012.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU039012.D (-319) (-)



#25

Chloroform

Concen: 0.614 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU039012.D

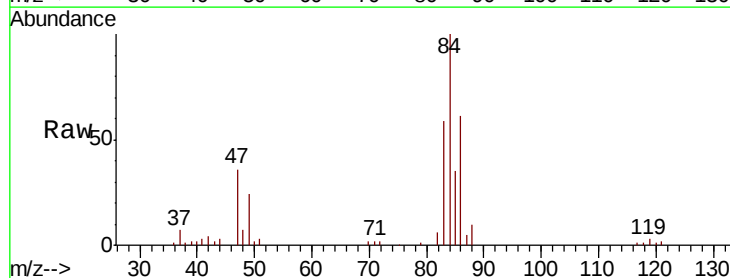
Acq: 22 Jun 2020 18:27

Tgt Ion: 83 Resp: 26358

Ion Ratio Lower Upper

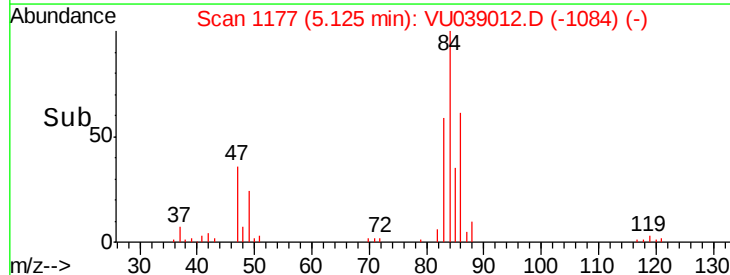
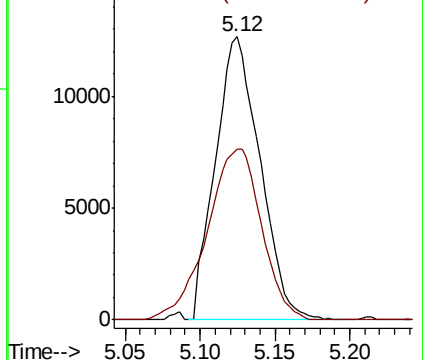
83 100

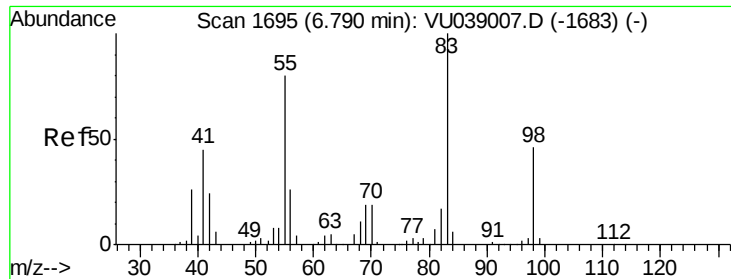
85 60.1 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039012.D (-1084) (-)

Ion 85.00 (84.70 to 85.70): VU039012.D (-1084) (-)

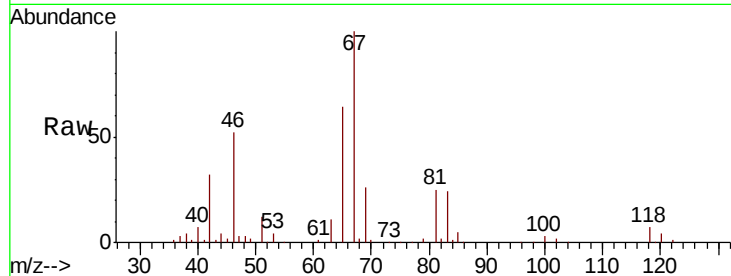




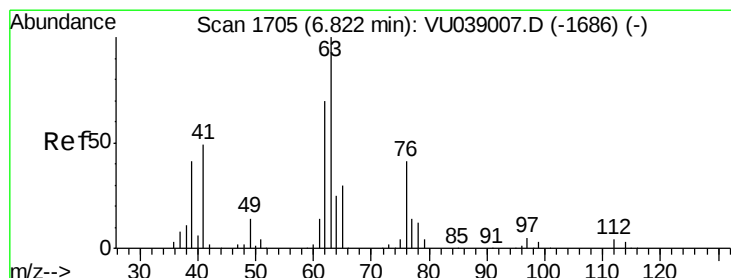
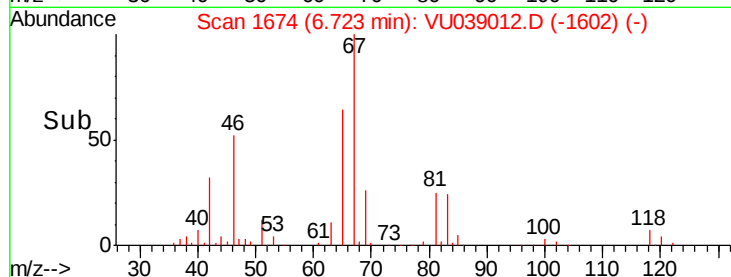
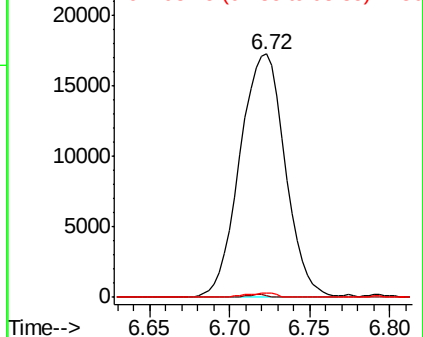
#35
Methvlcvclohexane
Concen: 1.003 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039012.D
Acq: 22 Jun 2020 18:27

Instrument :
MSVOA_U
ClientSampleId :
BFXK2

Tot Ion: 83 Resp: 33509
Ion Ratio Lower Upper
83 100
55 0.5 65.1 97.7#
98 1.2 37.0 55.4#

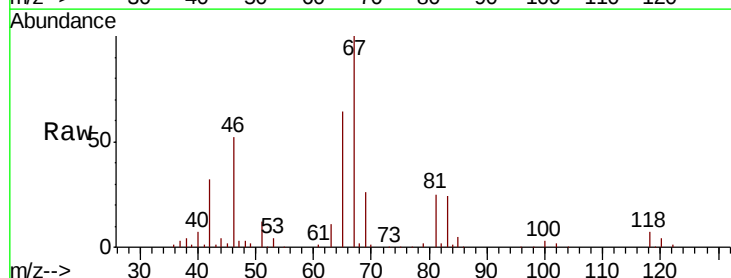


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

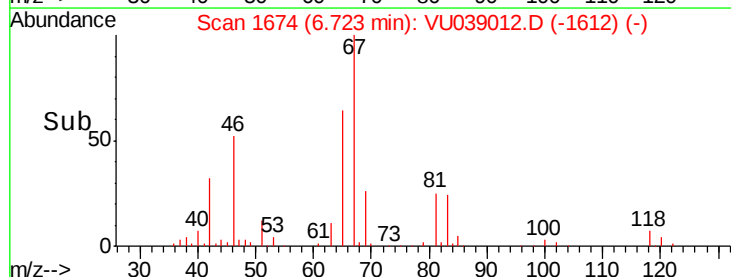
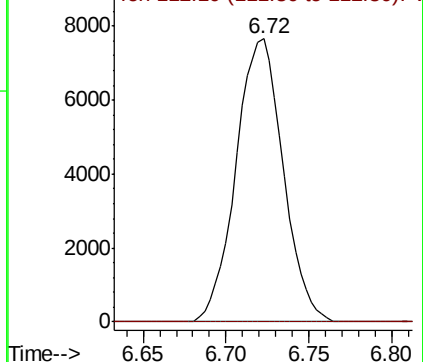


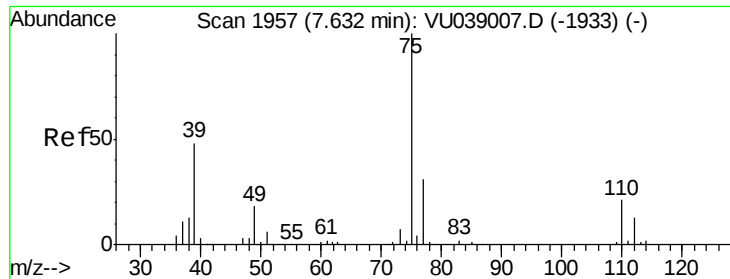
#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039012.D
Acq: 22 Jun 2020 18:27

Tgt Ion: 63 Resp: 15122
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

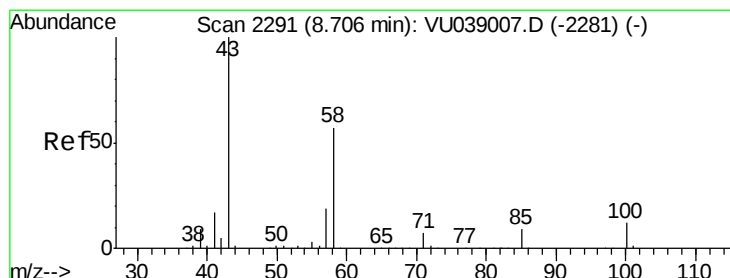
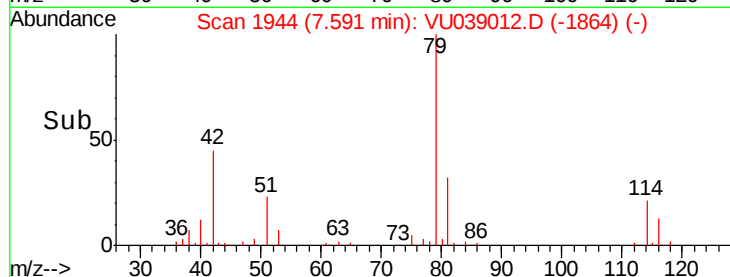
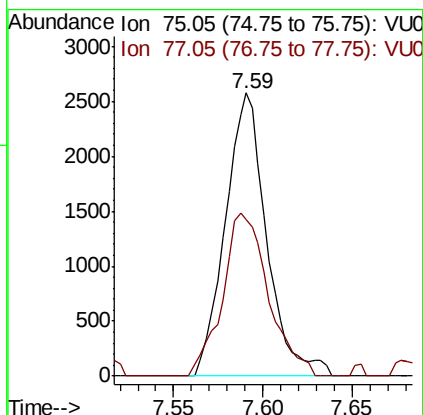
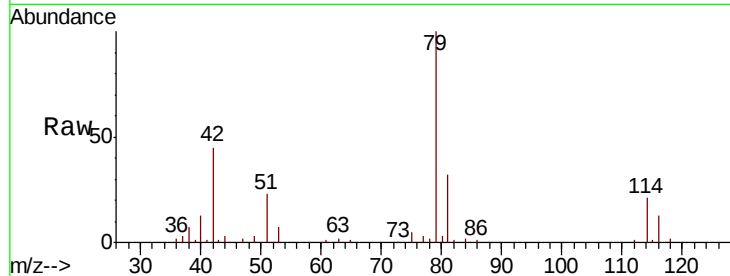




#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039012.D
 Acq: 22 Jun 2020 18:27

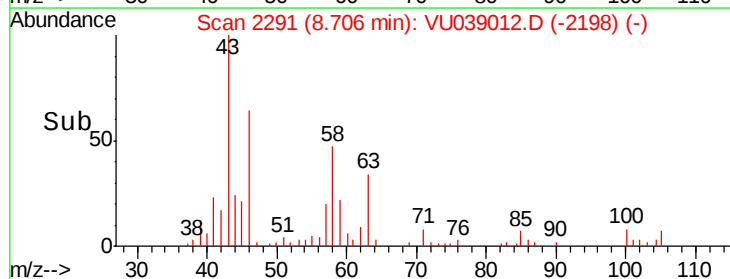
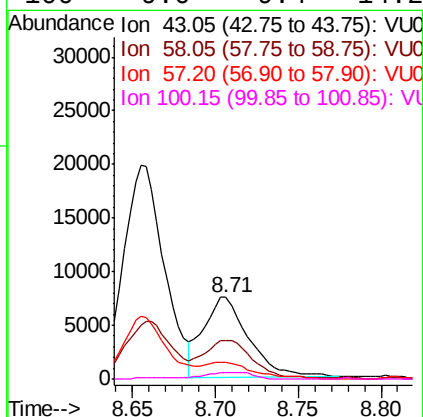
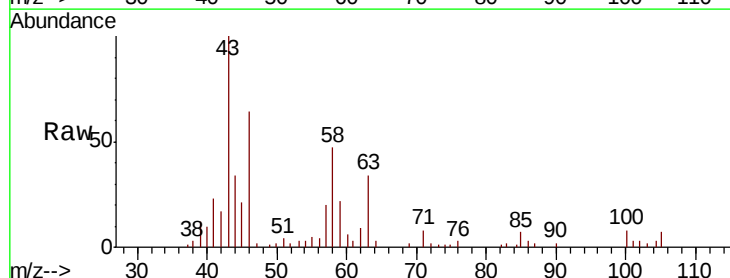
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK2

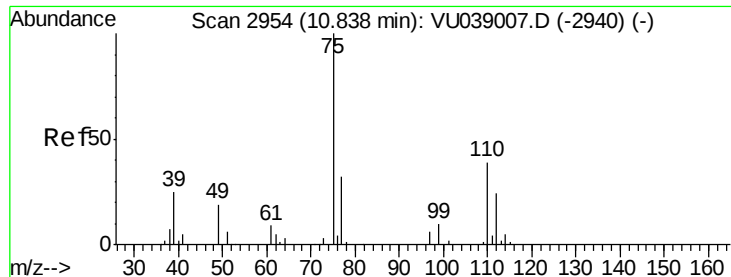
Tot Ion: 75 Resp: 4136
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.0 41.0#



#48
 2-Hexanone
 Concen: 1.082 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU039012.D
 Acq: 22 Jun 2020 18:27

Tgt Ion: 43 Resp: 14216
 Ion Ratio Lower Upper
 43 100
 58 50.0 43.5 65.3
 57 22.1 15.0 22.4
 100 9.0 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.971 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039012.D

Acq: 22 Jun 2020 18:27

Instrument :

MSVOA_U

ClientSampleId :

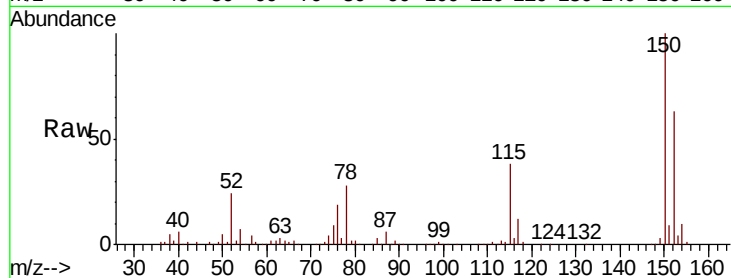
BFXK2

Tot Ion: 75 Resp: 16979

Ion Ratio Lower Upper

75 100

77 37.0 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

