

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041889.D
 Acq On : 07 Jan 2021 21:52
 Operator : SY/MD
 Sample : M1026-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM1

Quant Time: Jan 08 06:55:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 08 04:58:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	137597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53516	5.00	ug/L	0.00

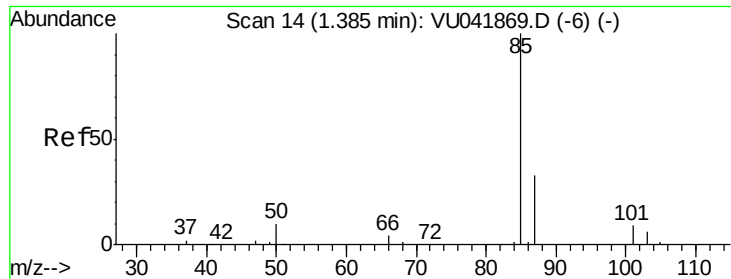
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40214	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.92	69	44650	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.58	63	63590	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.65	46	173887	56.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.54%
24) Chloroform-d	5.08	84	102001	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.72	65	57611	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.74	84	192948	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.70	67	61880	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.90	98	149804	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.19	79	23009	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	144547	50.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55751	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	57680	6.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.20%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	668	0.057 ug/L	92
3) Chloromethane	1.52	50	2132	0.188 ug/L	91
13) Acetone	2.66	43	2677	1.362 ug/L	93
16) Methylene chloride	3.06	84	3100	0.278 ug/L #	69
29) 1,1,1-Trichloroethane	5.33	97	3814	0.254 ug/L #	84
34) Trichloroethene	6.55	95	57001	5.420 ug/L	96
47) Tetrachloroethene	8.56	164	34303	4.660 ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 0.057 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

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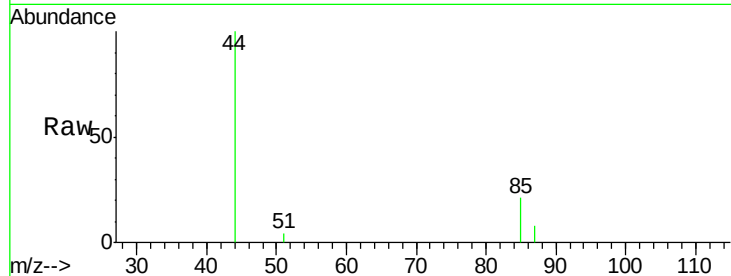
BFXM1

Tgt Ion: 85 Resp: 668

Ion Ratio Lower Upper

85 100

87 36.7 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

1.39

800

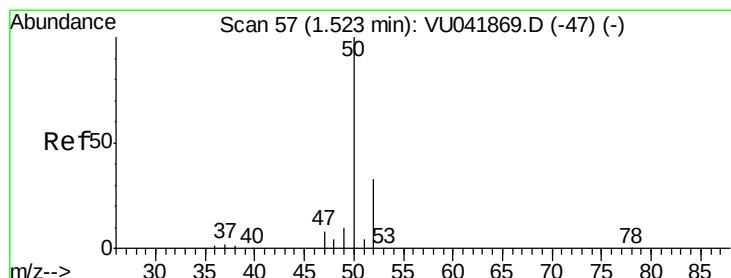
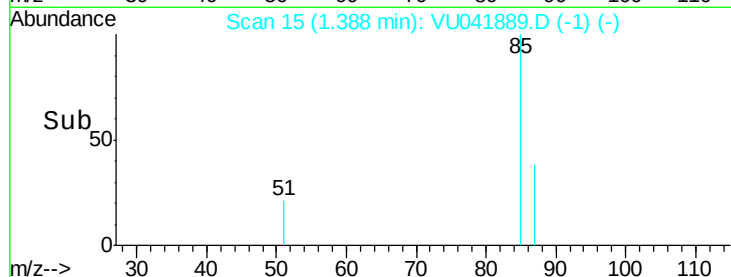
600

400

200

0

Time--> 1.36 1.38 1.40 1.42



#3

Chloromethane

Concen: 0.188 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041889.D

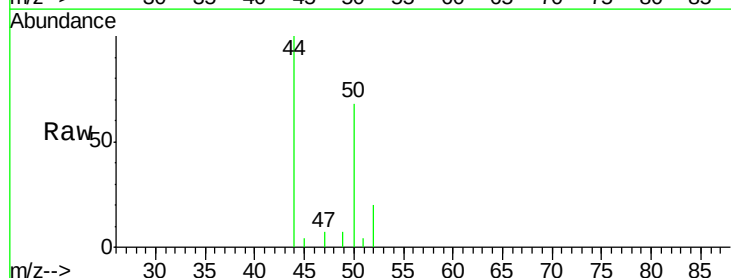
Acq: 07 Jan 2021 21:52

Tgt Ion: 50 Resp: 2132

Ion Ratio Lower Upper

50 100

52 29.4 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.52

2000

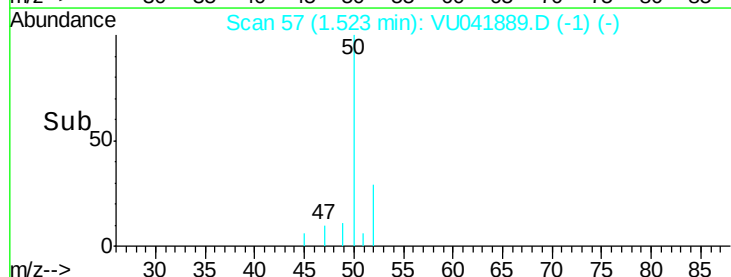
1500

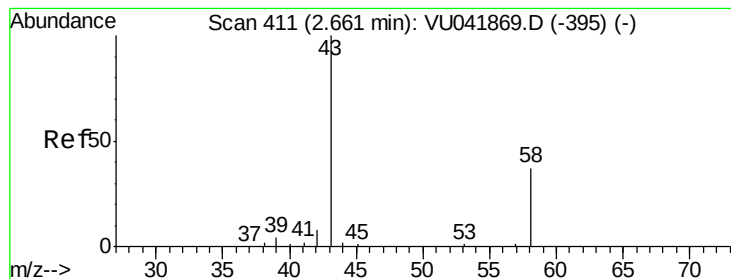
1000

500

0

Time--> 1.48 1.50 1.52 1.54 1.56





#13

Acetone

Concen: 1.362 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

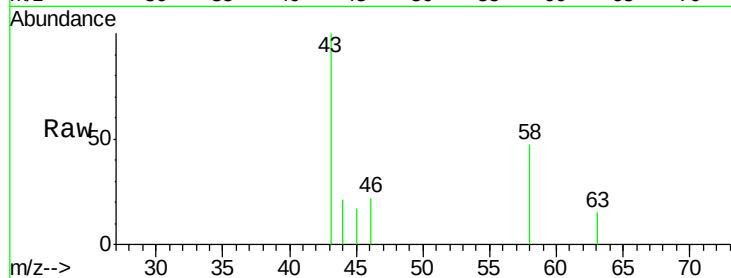
BFXM1

Tgt Ion: 43 Resp: 2677

Ion Ratio Lower Upper

43 100

58 32.5 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041889.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU041889.D (-395) (-)

2.66

1200

1000

800

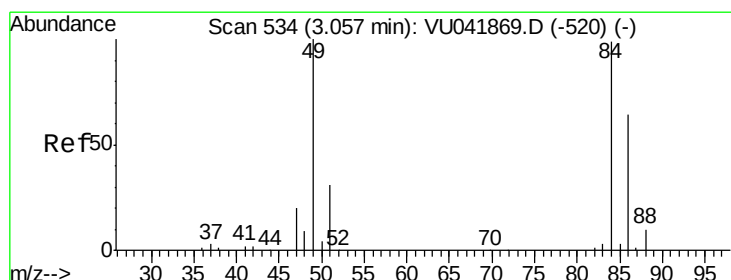
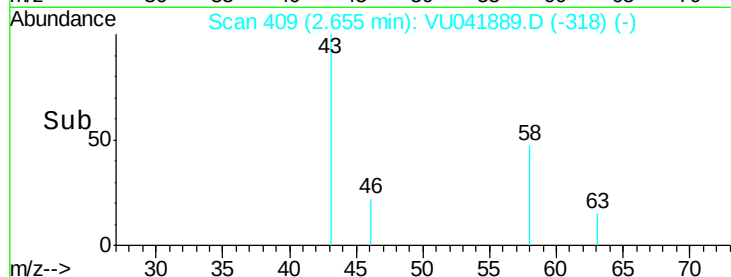
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.278 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041889.D

Acq: 07 Jan 2021 21:52

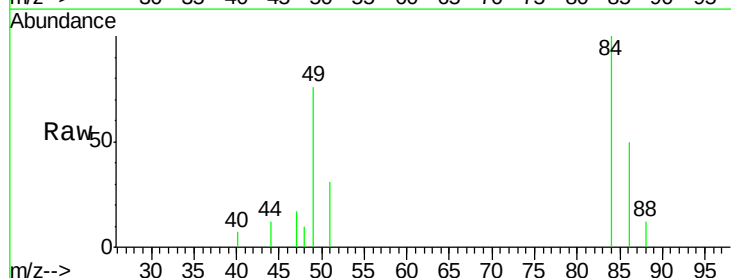
Tgt Ion: 84 Resp: 3100

Ion Ratio Lower Upper

84 100

86 50.4 45.1 83.7

49 76.5 83.1 154.3#



Abundance Ion 84.05 (83.75 to 84.75): VU041889.D (-441) (-)

Ion 86.00 (85.70 to 86.70): VU041889.D (-441) (-)

Ion 49.10 (48.80 to 49.80): VU041889.D (-441) (-)

3.06

2500

2000

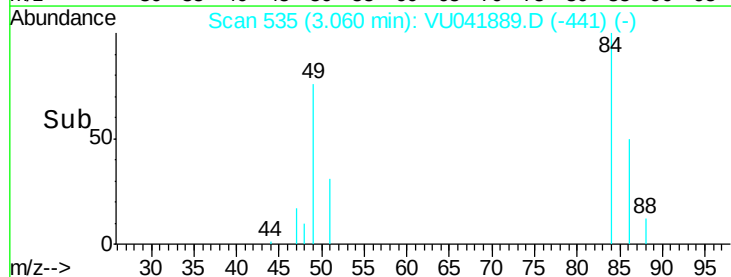
1500

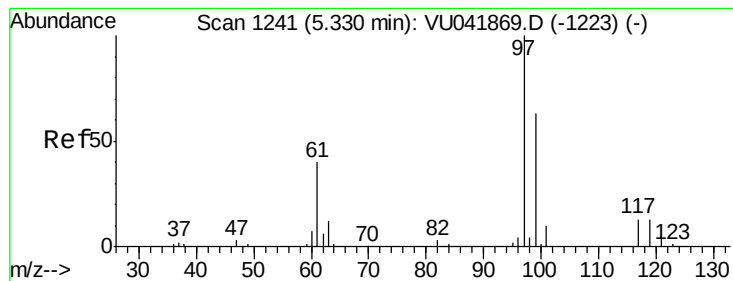
1000

500

0

Time-->





#29

1,1,1-Trichloroethane

Concen: 0.254 ug/L

RT: 5.33 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VU041889.D

Acq: 07 Jan 2021 21:52

Instrument :

MSVOA_U

ClientSampleId :

BFXM1

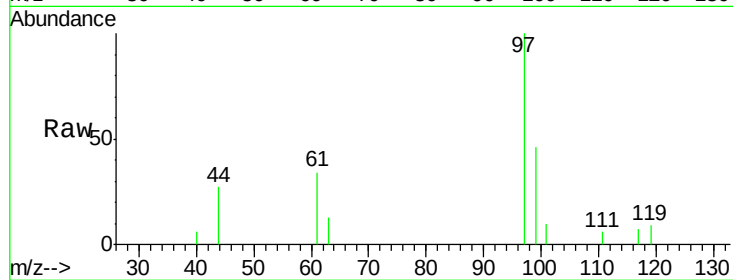
Tgt Ion: 97 Resp: 3814

Ion Ratio Lower Upper

97 100

99 51.8 51.3 76.9

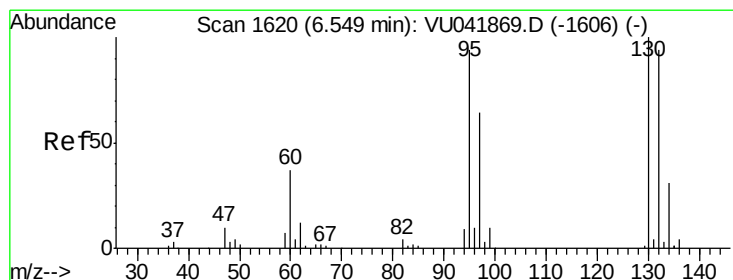
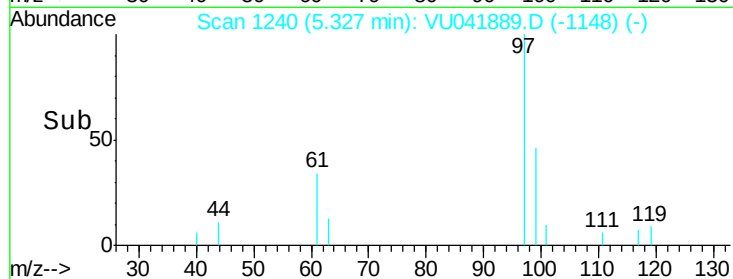
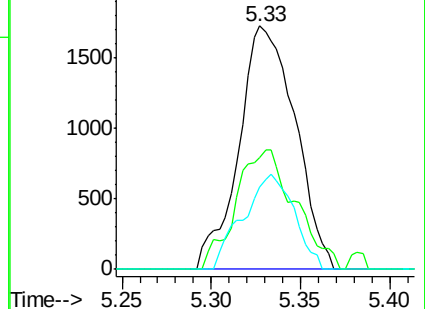
61 35.4 36.5 54.7#



Abundance Ion 96.95 (96.65 to 97.65): VU041889.D (-1223) (-)

Ion 99.05 (98.75 to 99.75): VU041889.D (-1223) (-)

Ion 61.05 (60.75 to 61.75): VU041889.D (-1223) (-)



#34

Trichloroethene

Concen: 5.420 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041889.D

Acq: 07 Jan 2021 21:52

Tgt Ion: 95 Resp: 57001

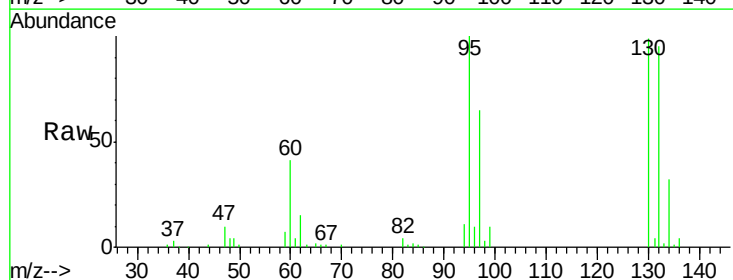
Ion Ratio Lower Upper

95 100

97 65.1 43.9 81.5

132 94.8 63.1 117.3

130 99.3 67.4 125.2

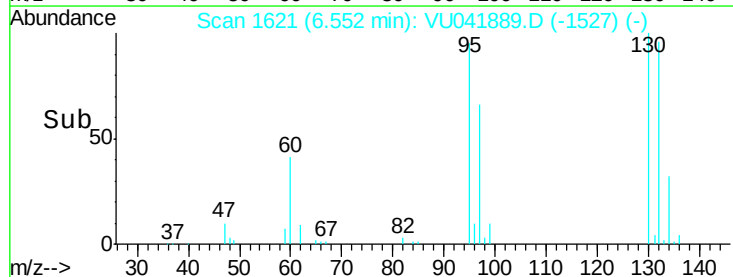
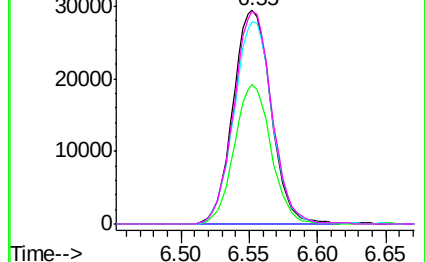


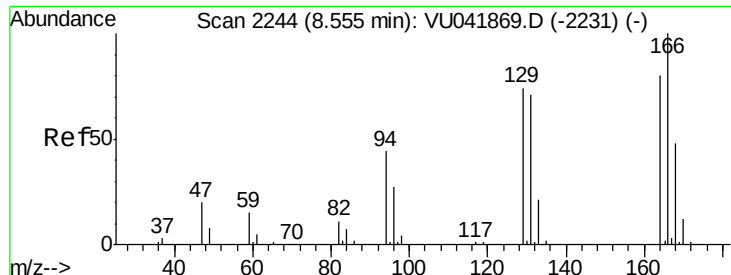
Abundance Ion 95.00 (94.70 to 95.70): VU041889.D (-1606) (-)

Ion 96.95 (96.65 to 97.65): VU041889.D (-1606) (-)

Ion 131.95 (131.65 to 132.65): VU041889.D (-1606) (-)

Ion 129.95 (129.65 to 130.65): VU041889.D (-1606) (-)





#47

Tetrachloroethene

Concen: 4.660 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041889.D

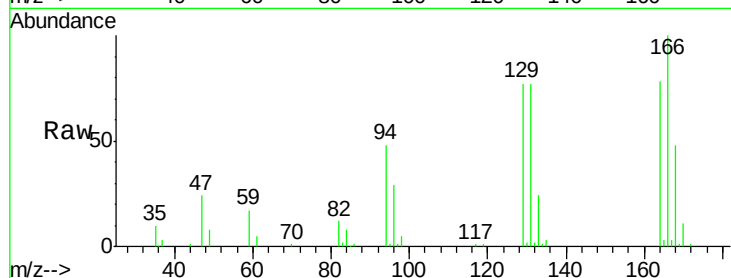
Acq: 07 Jan 2021 21:52

Instrument :

MSVOA_U

ClientSampleId :

BFXM1



Tgt Ion:164 Resp: 34303

Ion Ratio Lower Upper

164 100

129 97.9 72.2 134.0

131 98.4 66.9 124.3

166 127.6 89.6 166.4

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

