

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041898.D
 Acq On : 08 Jan 2021 12:26
 Operator : SY/MD
 Sample : M1027-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM6

Quant Time: Jan 09 02:16:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 09 01:31:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134414	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35849	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.92	69	38712	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	56808	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.66	46	154855	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	5.08	84	94377	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.72	65	52986	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.74	84	173904	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	56478	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.90	98	143567	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.19	79	21547	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.64	63	131048	44.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52993	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	57837	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

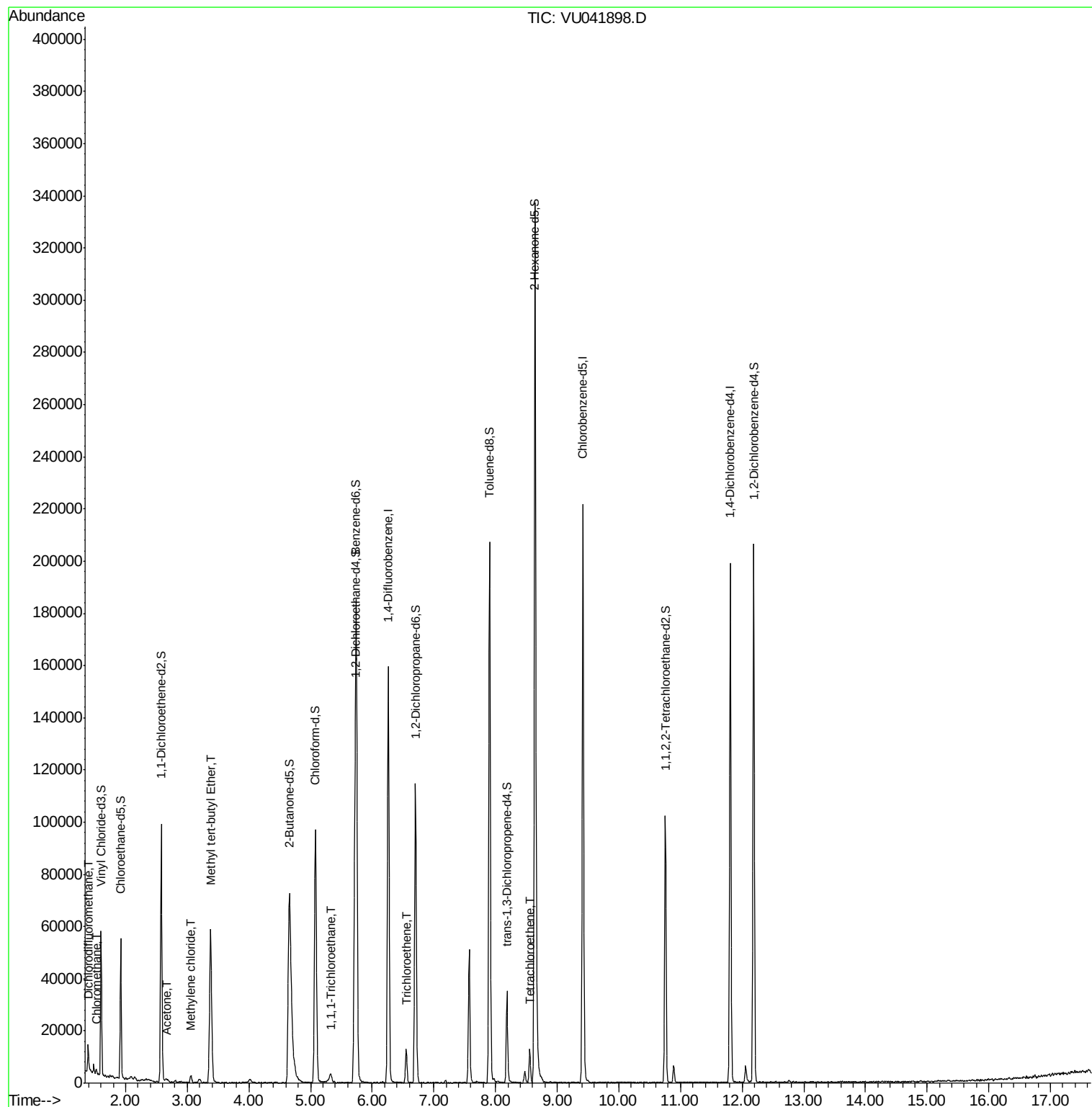
					Qvalue
2) Dichlorodifluoromethane	1.39	85	2266	0.199 ug/L	92
3) Chloromethane	1.52	50	1249	0.113 ug/L	97
13) Acetone	2.66	43	1967	1.024 ug/L	66
16) Methylene chloride	3.06	84	1456	0.134 ug/L	80
17) Methyl tert-butyl Ether	3.38	73	69294	2.848 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	2383	0.157 ug/L	95
34) Trichloroethene	6.55	95	4375	0.412 ug/L	96
47) Tetrachloroethene	8.55	164	2815	0.379 ug/L	94

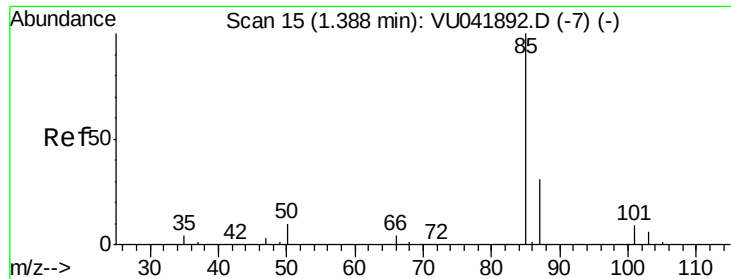
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.199 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU041898.D

Acq: 08 Jan 2021 12:26

Instrument :

MSVOA_U

ClientSampleId :

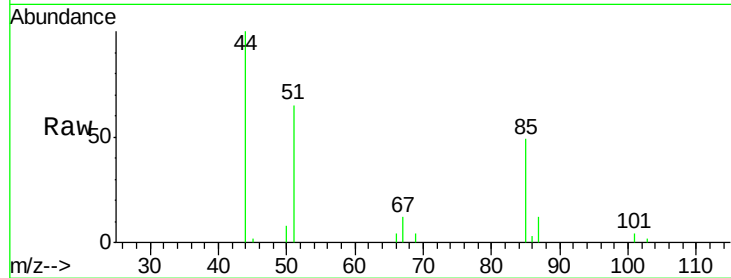
BFXM6

Tgt Ion: 85 Resp: 2266

Ion Ratio Lower Upper

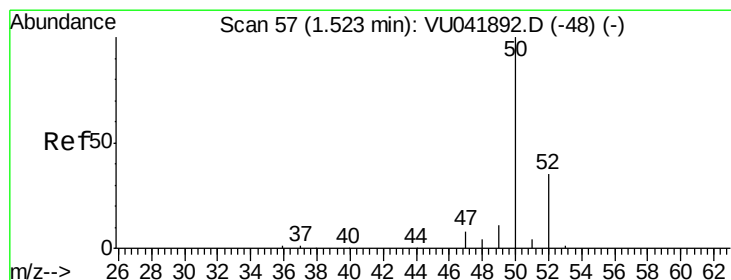
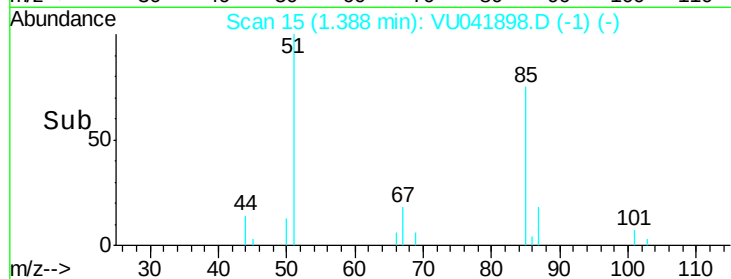
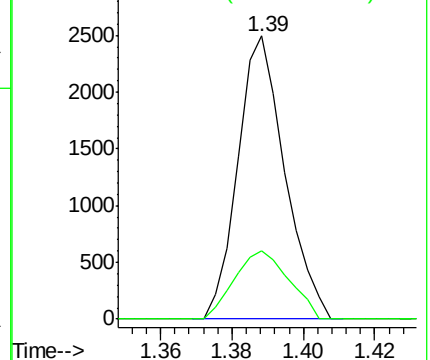
85 100

87 27.8 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041898.D

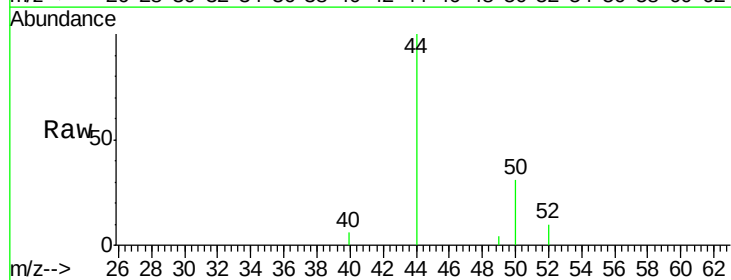
Acq: 08 Jan 2021 12:26

Tgt Ion: 50 Resp: 1249

Ion Ratio Lower Upper

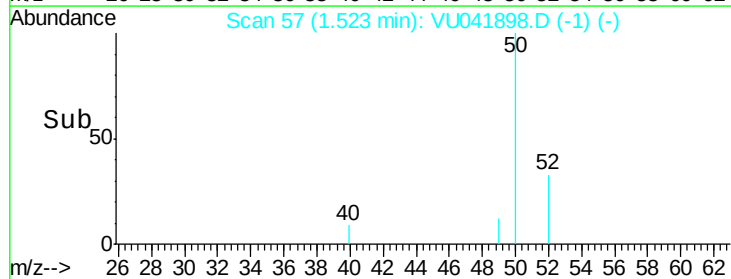
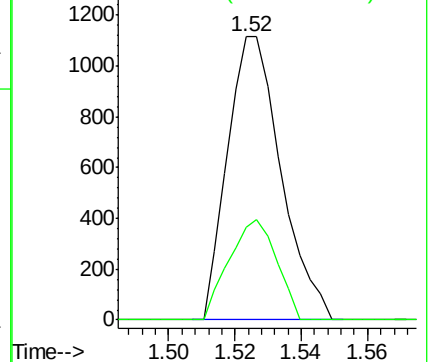
50 100

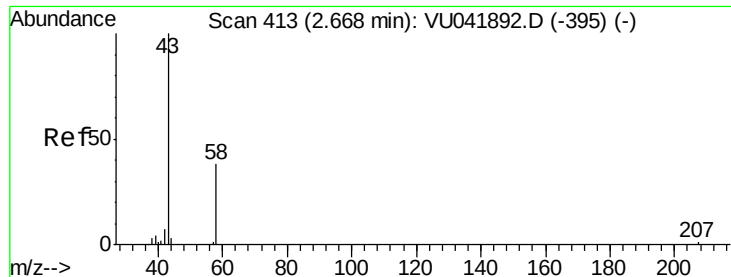
52 32.9 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#13

Acetone

Concen: 1.024 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU041898.D

Acq: 08 Jan 2021 12:26

Instrument :

MSVOA_U

ClientSampleId :

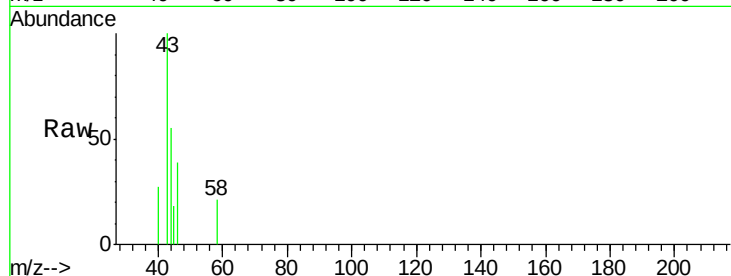
BFXM6

Tgt Ion: 43 Resp: 1967

Ion Ratio Lower Upper

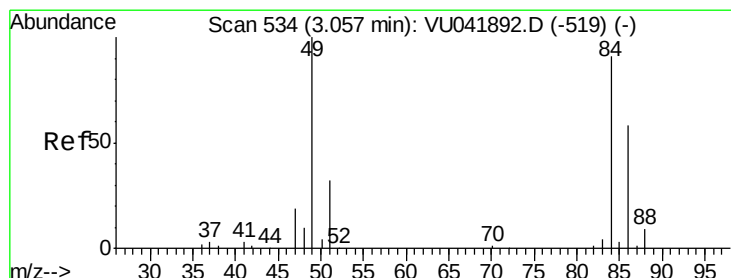
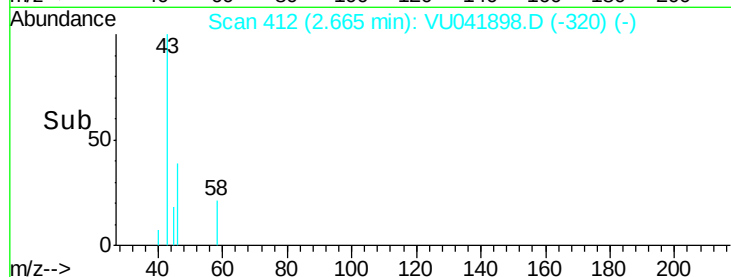
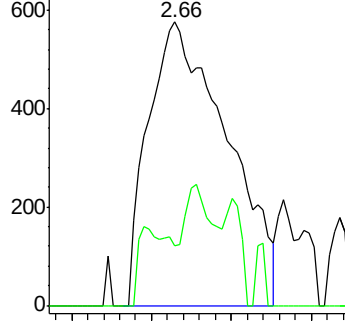
43 100

58 16.3 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.134 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.01 min

Lab File: VU041898.D

Acq: 08 Jan 2021 12:26

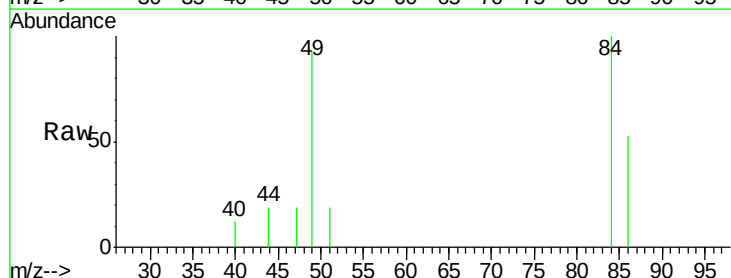
Tgt Ion: 84 Resp: 1456

Ion Ratio Lower Upper

84 100

86 53.4 45.1 83.7

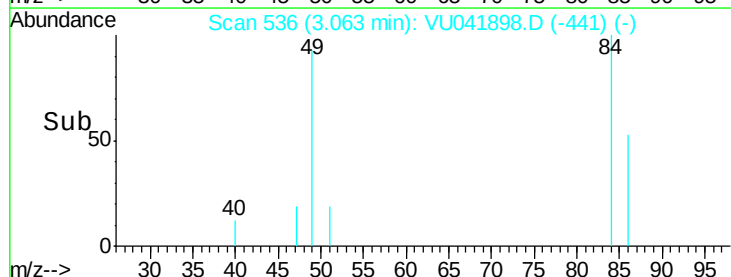
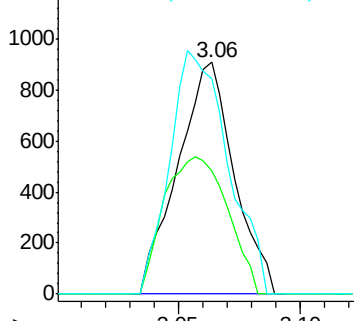
49 93.3 83.1 154.3

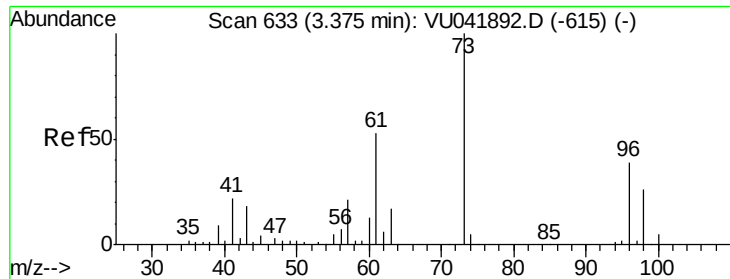


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

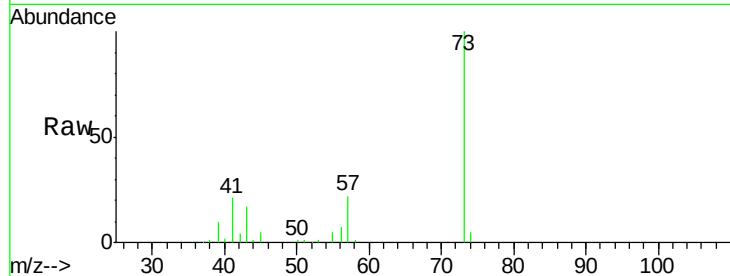




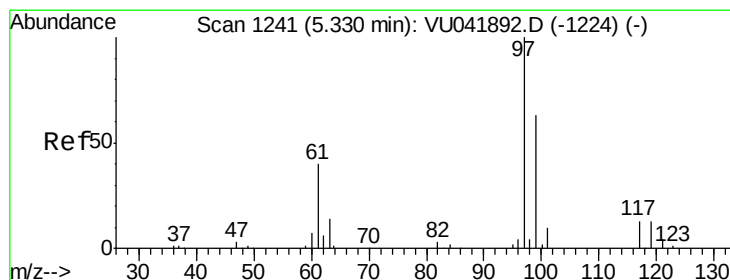
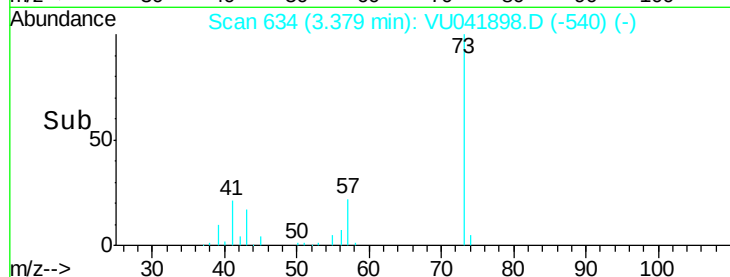
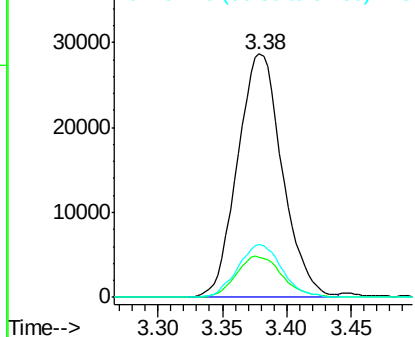
#17
Methyl tert-butyl Ether
Concen: 2.848 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041898.D
Acq: 08 Jan 2021 12:26

Instrument :
MSVOA_U
ClientSampleId :
BFXM6

Tgt Ion: 73 Resp: 69294
Ion Ratio Lower Upper
73 100
43 17.4 14.7 22.1
57 21.4 18.2 27.4

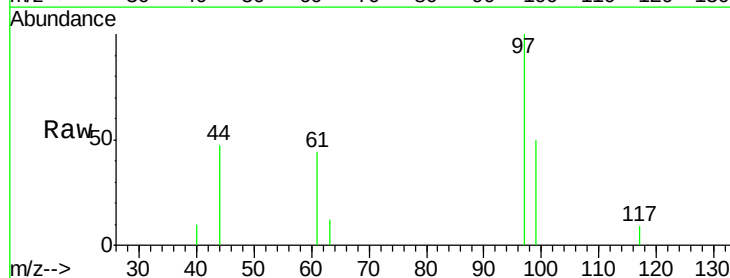


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

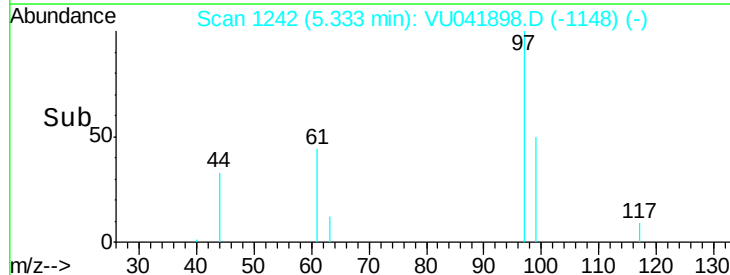
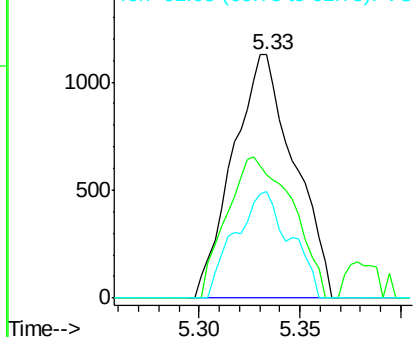


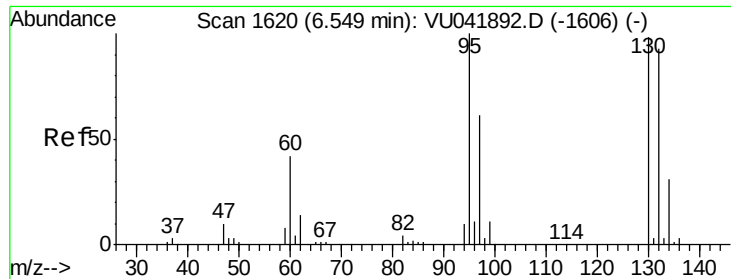
#29
1,1,1-Trichloroethane
Concen: 0.157 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU041898.D
Acq: 08 Jan 2021 12:26

Tgt Ion: 97 Resp: 2383
Ion Ratio Lower Upper
97 100
99 62.1 51.3 76.9
61 39.4 36.5 54.7



Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 0.412 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041898.D

Acq: 08 Jan 2021 12:26

Instrument :

MSVOA_U

ClientSampleId :

BFXM6

Tgt Ion: 95 Resp: 4375

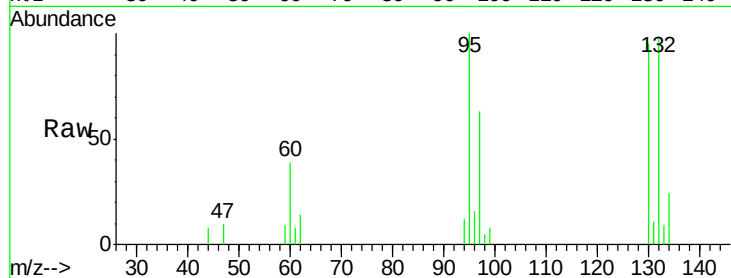
Ion Ratio Lower Upper

95 100

97 63.3 43.9 81.5

132 98.3 63.1 117.3

130 95.2 67.4 125.2

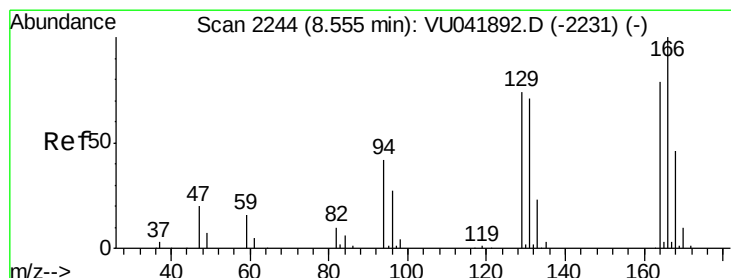
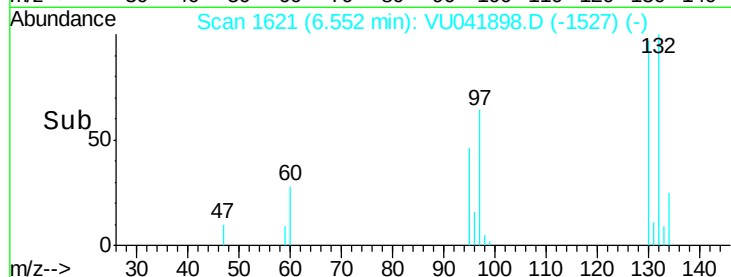
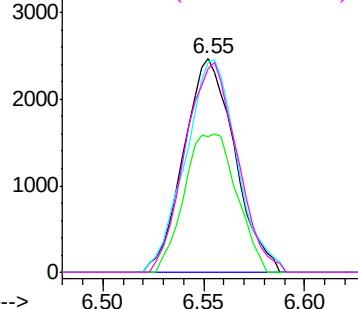


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.379 ug/L

RT: 8.55 min Scan# 2243

Delta R.T. -0.00 min

Lab File: VU041898.D

Acq: 08 Jan 2021 12:26

Tgt Ion: 164 Resp: 2815

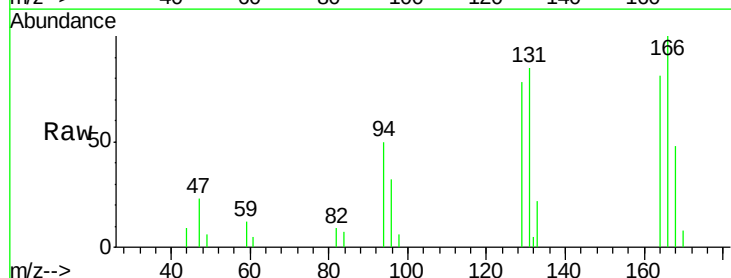
Ion Ratio Lower Upper

164 100

129 96.4 72.2 134.0

131 105.1 66.9 124.3

166 123.4 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

