

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041942.D
 Acq On : 12 Jan 2021 00:12
 Operator : SY/MD
 Sample : M1026-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM1

Quant Time: Jan 12 07:11:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 05:50:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110608	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105782	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44538	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.92	69	43526	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.58	63	66650	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.65	46	142505	55.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.00%
24) Chloroform-d	5.08	84	81547	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	48083	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.74	84	159802	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.70	67	54145	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.90	98	133879	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.19	79	20837	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.64	63	119056	57.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47225	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	49347	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

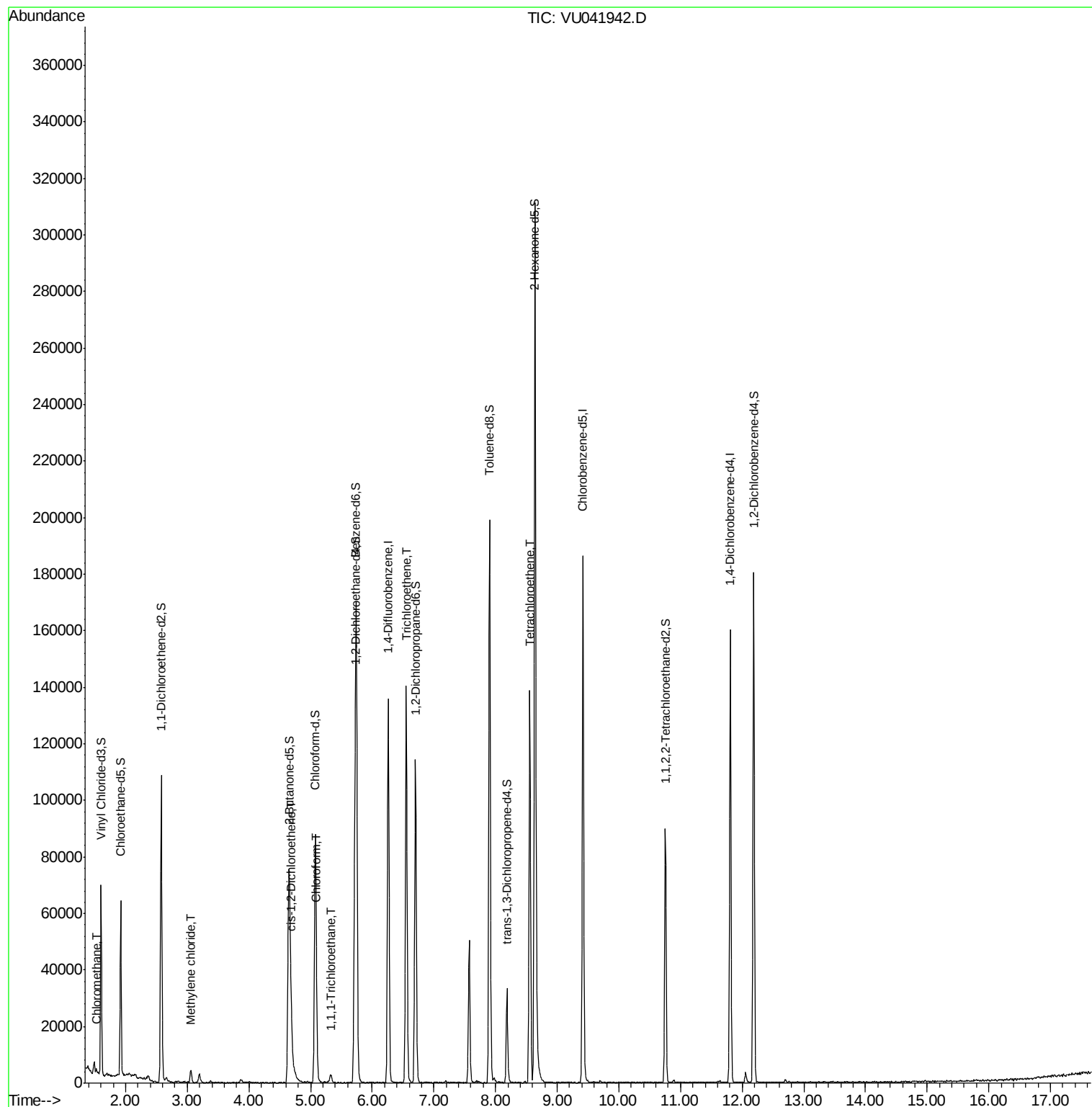
					Ovalue
3) Chloromethane	1.52	50	925	0.079 ug/L	96
16) Methylene chloride	3.06	84	2275	0.210 ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	1291	0.144 ug/L	98
25) Chloroform	5.11	83	2321	0.142 ug/L	89
29) 1,1,1-Trichloroethane	5.34	97	2377	0.172 ug/L	96
34) Trichloroethene	6.55	95	48833	5.457 ug/L	97
47) Tetrachloroethene	8.56	164	30607	4.915 ug/L	98

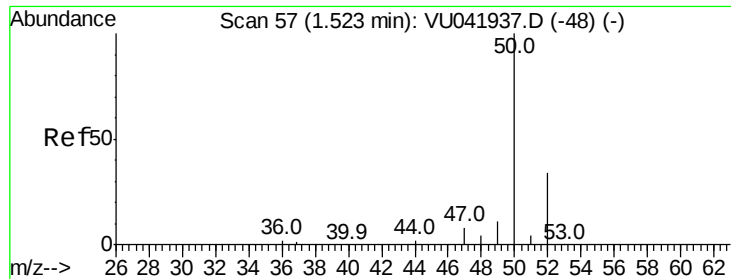
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 05:50:11 2021
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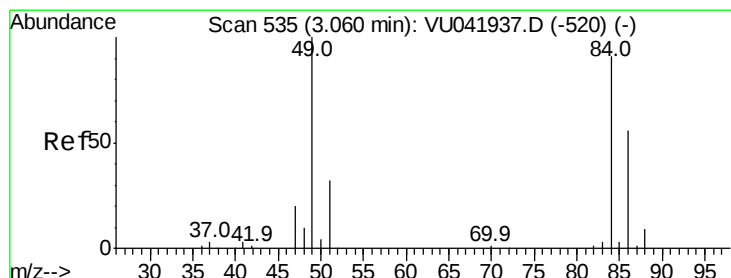
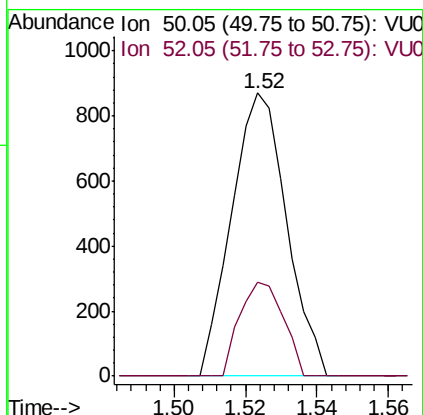
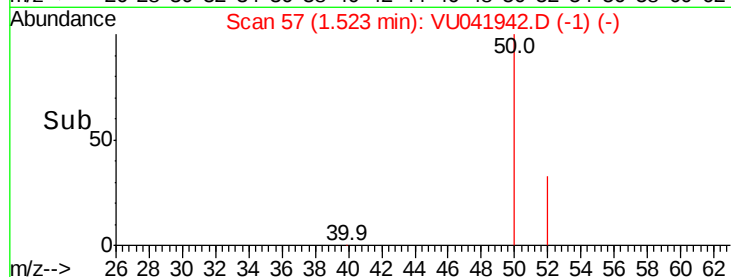
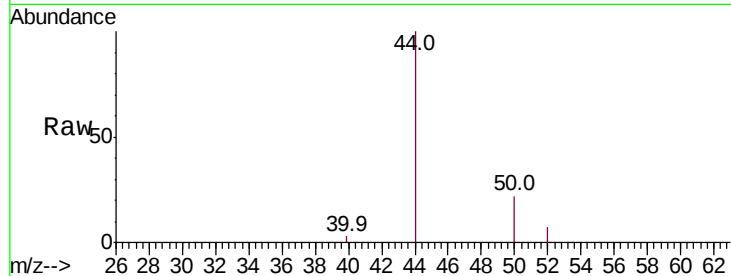




#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.52 min Scan# 57
Delta R.T. 0.00 min
Lab File: VU041942.D
Acq: 12 Jan 2021 00:12

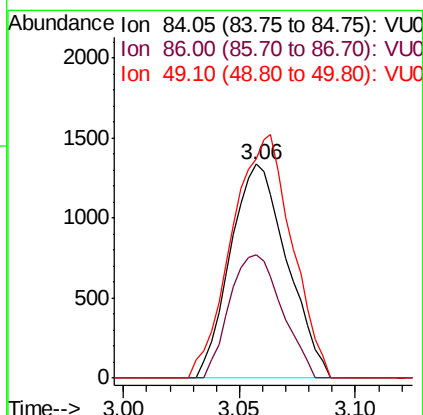
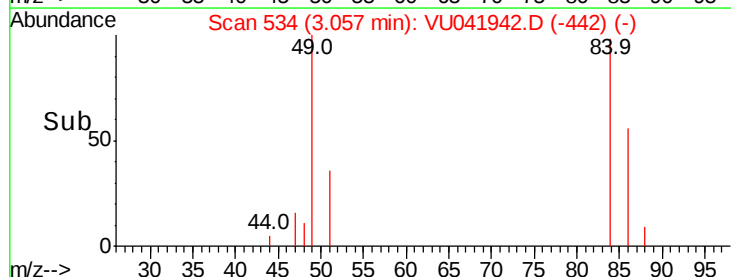
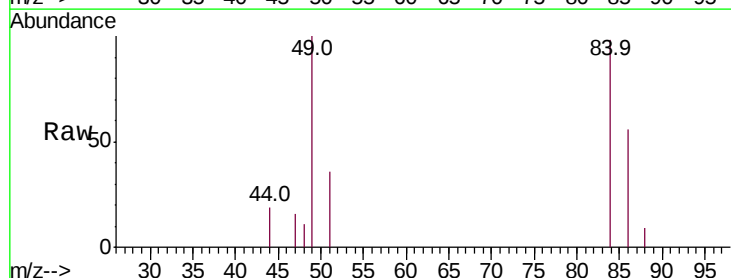
Instrument :
MSVOA_U
ClientSampleId :
BFXM1

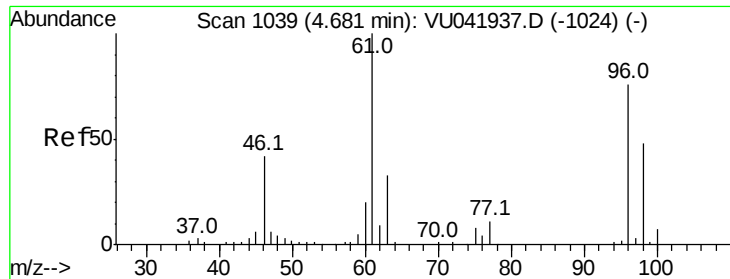
Tot Ion: 50 Resp: 925
Ion Ratio Lower Upper
50 100
52 33.0 21.4 39.8



#16
Methylene chloride
Concen: 0.210 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041942.D
Acq: 12 Jan 2021 00:12

Tgt Ion: 84 Resp: 2275
Ion Ratio Lower Upper
84 100
86 57.3 43.5 80.7
49 102.2 81.8 151.8





#22

cis-1,2-Dichloroethene

Concen: 0.144 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU041942.D

Acq: 12 Jan 2021 00:12

Instrument :

MSVOA_U

ClientSampleId :

BFXM1

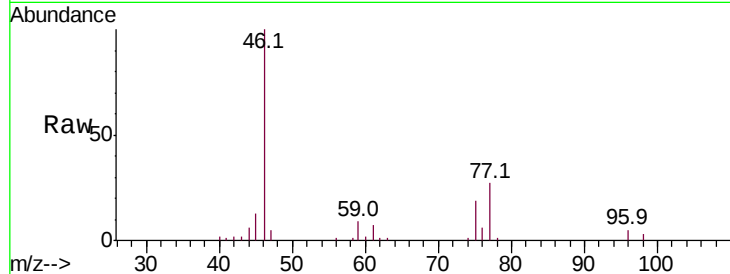
Tot Ion: 96 Resp: 1291

Ion Ratio Lower Upper

96 100

61 131.7 90.3 167.7

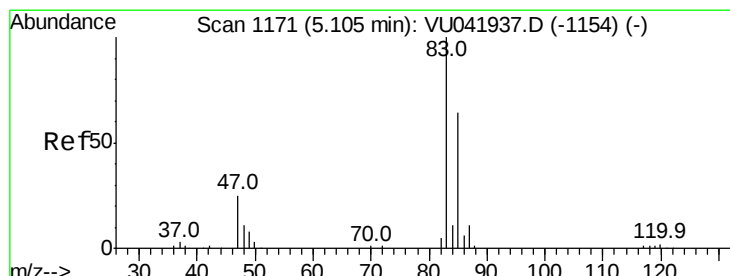
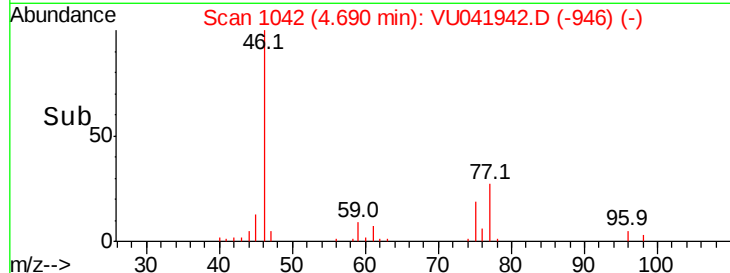
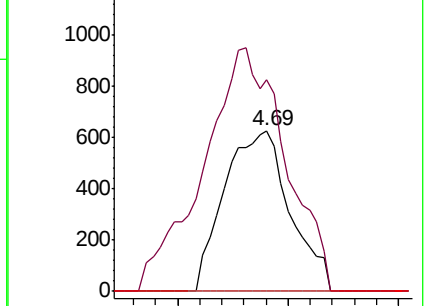
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#25

Chloroform

Concen: 0.142 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041942.D

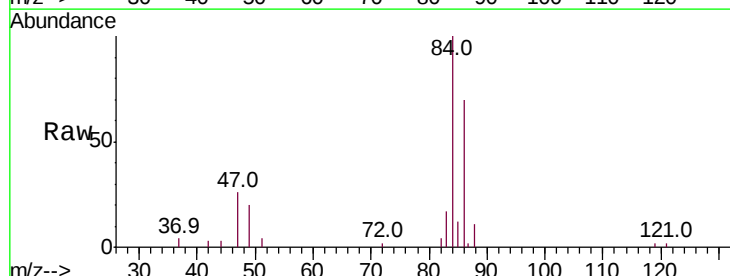
Acq: 12 Jan 2021 00:12

Tgt Ion: 83 Resp: 2321

Ion Ratio Lower Upper

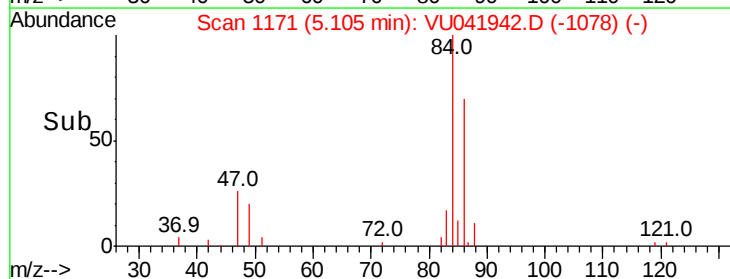
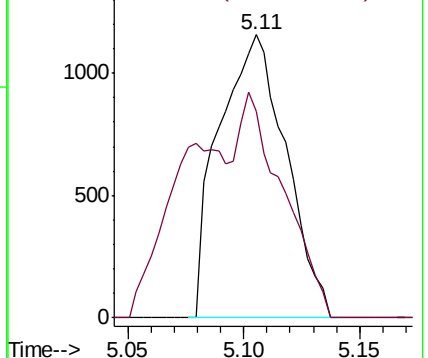
83 100

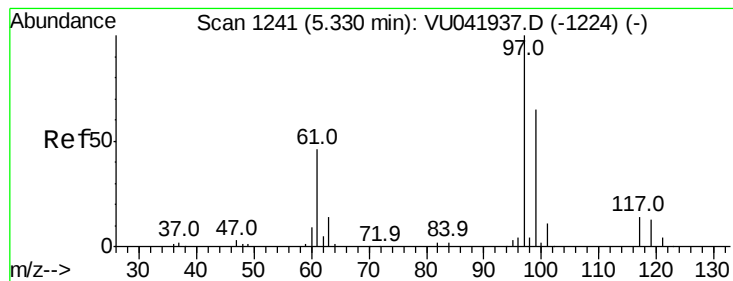
85 72.8 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#29

1,1,1-Trichloroethane

Concen: 0.172 ug/L

RT: 5.34 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VU041942.D

Acq: 12 Jan 2021 00:12

Instrument :

MSVOA_U

ClientSampleID :

BFXM1

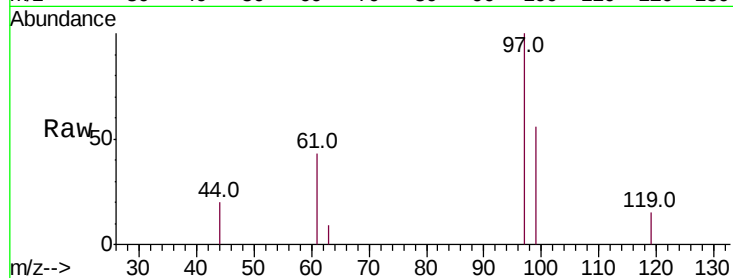
Tot Ion: 97 Resp: 2377

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.2

61 38.4 35.3 52.9

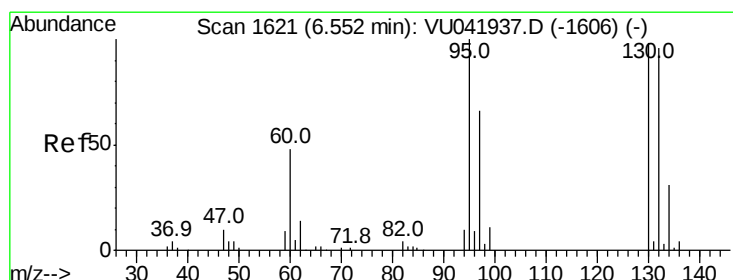
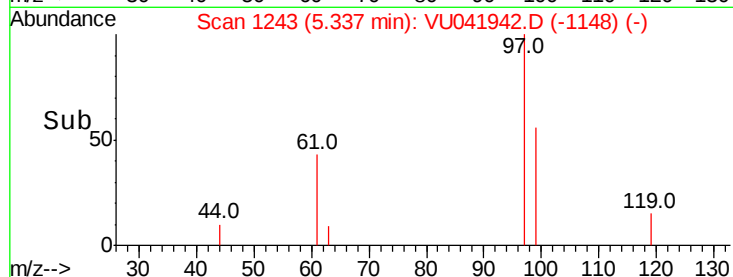
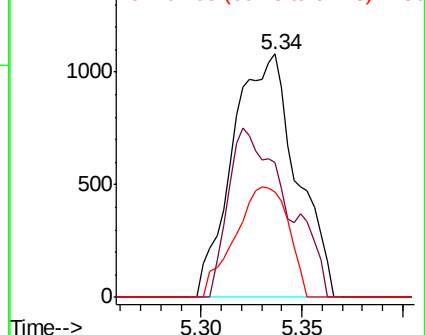


Abundance

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: 5.457 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041942.D

Acq: 12 Jan 2021 00:12

Tgt Ion: 95 Resp: 48833

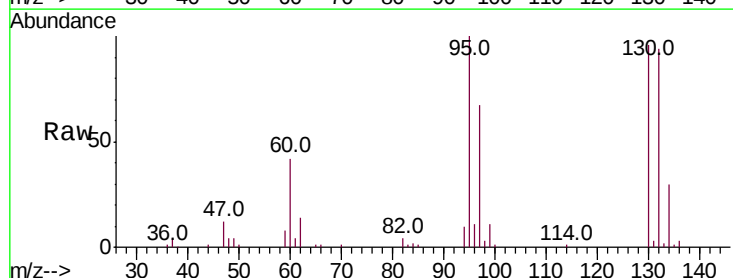
Ion Ratio Lower Upper

95 100

97 67.0 45.2 84.0

132 93.5 68.7 127.5

130 95.9 68.0 126.4



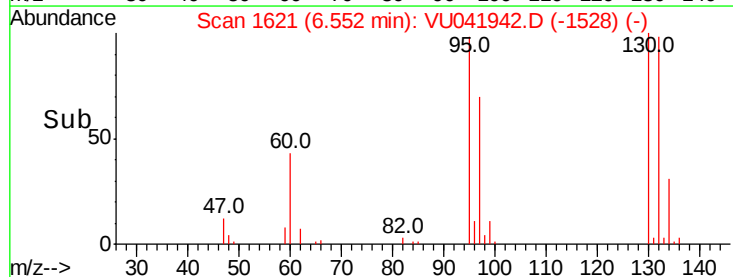
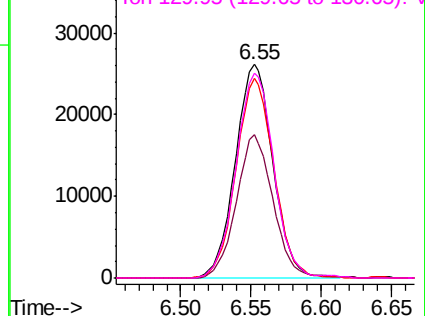
Abundance

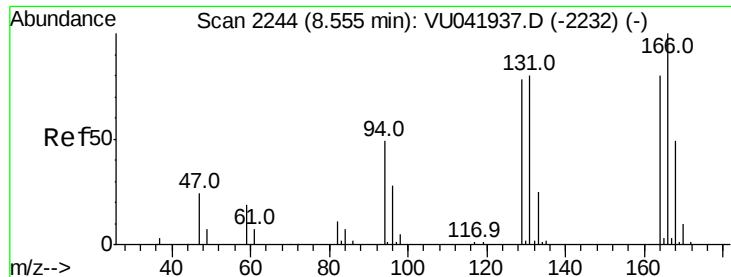
Ion 95.00 (94.70 to 95.70): VU0

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: 4.915 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041942.D

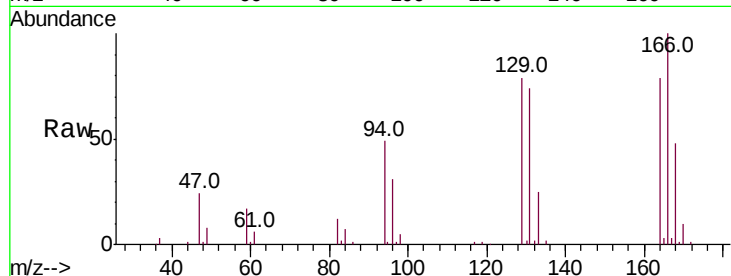
Acq: 12 Jan 2021 00:12

Instrument :

MSVOA_U

ClientSampleId :

BFXM1



Tot Ion:164 Resp: 30607

Ion Ratio Lower Upper

164 100

129 100.4 69.2 128.6

131 93.9 69.7 129.5

166 127.0 89.2 165.8

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

