

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041922.D
 Acq On : 11 Jan 2021 15:54
 Operator : SY/MD
 Sample : M1026-05DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK2DL

Quant Time: Jan 12 04:30:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 03:17:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113115	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	47839	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.92	69	46531	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.58	63	70715	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.66	46	146636	55.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.68%
24) Chloroform-d	5.08	84	92772	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.72	65	54707	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.74	84	187269	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.70	67	52292	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	141114	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.19	79	20856	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.64	63	121421	55.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48564	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	51874	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

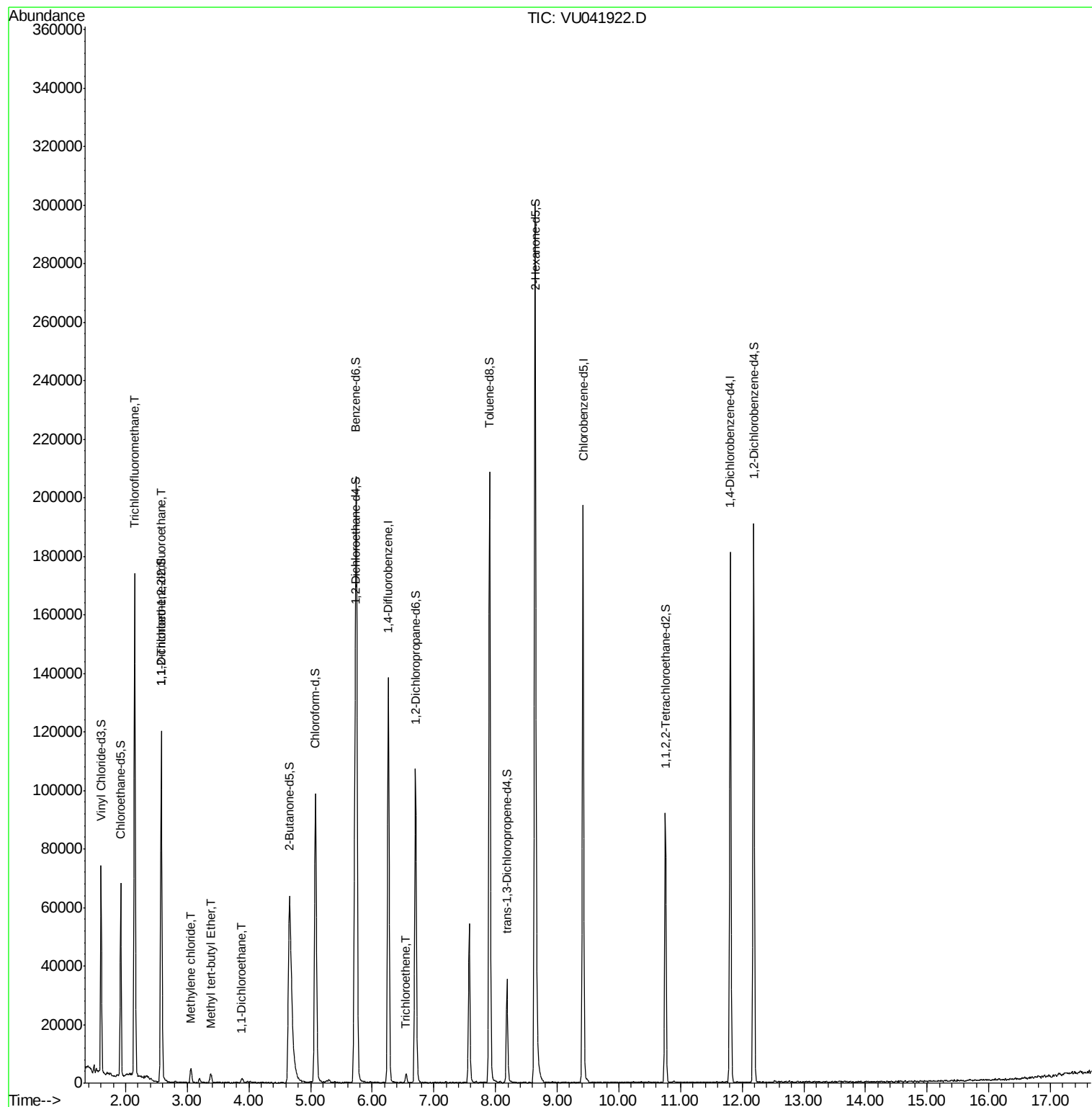
					Ovalue
9) Trichlorofluoromethane	2.15	101	109061	6.541 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	2517	0.277 ug/L #	73
16) Methylene chloride	3.06	84	2684	0.242 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	3813	0.180 ug/L #	85
19) 1,1-Dichloroethane	3.88	63	2113	0.131 ug/L	99
34) Trichloroethene	6.55	95	1177	0.124 ug/L #	79

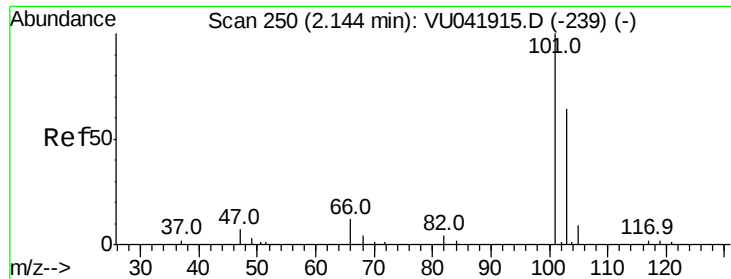
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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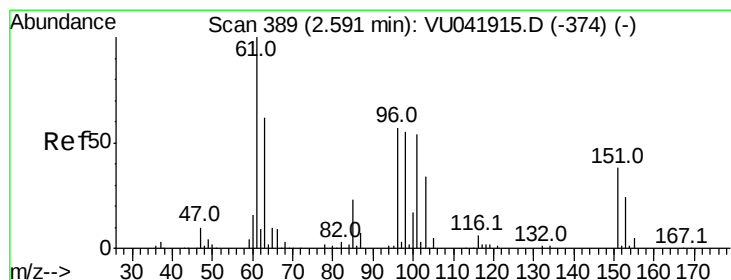
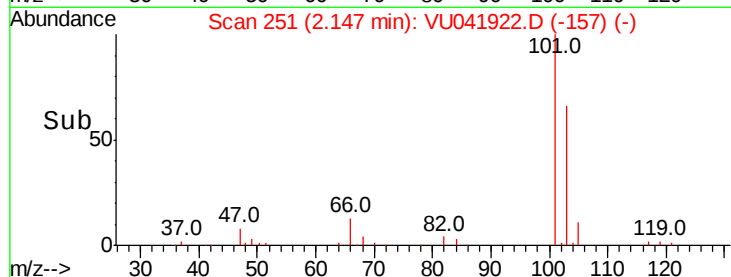
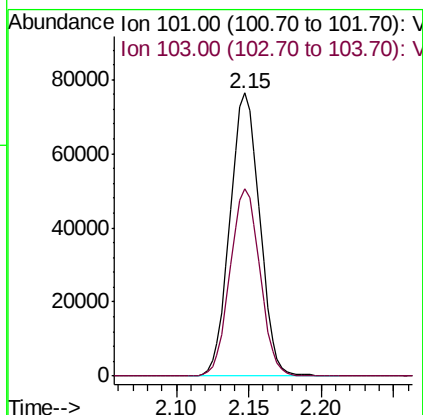
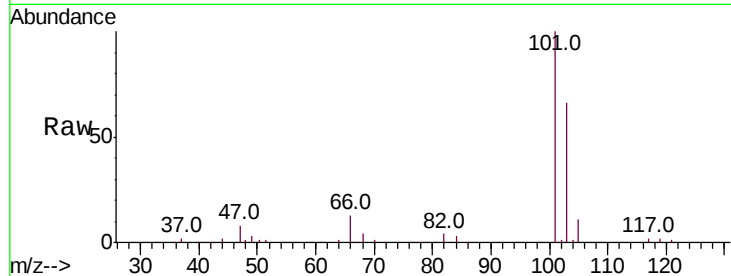


#9

Trichlorofluoromethane
 Concen: 6.541 ug/L
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU041922.D
 Acq: 11 Jan 2021 15:54

Instrument :
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 ClientSampleId :
 BFXK2DL

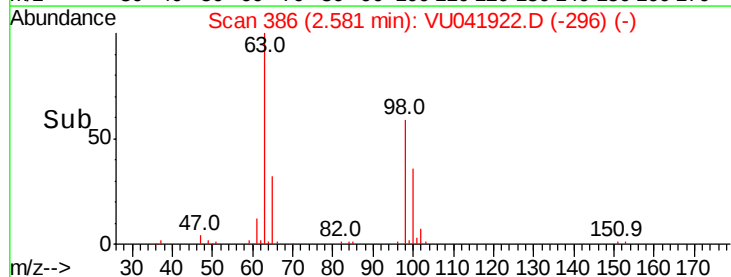
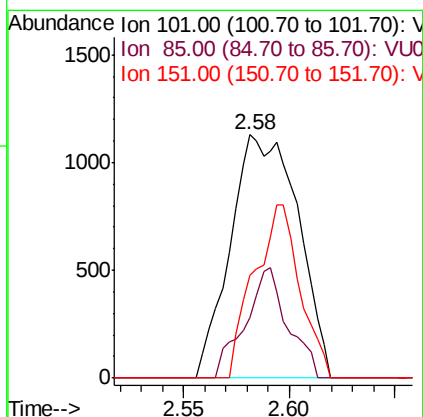
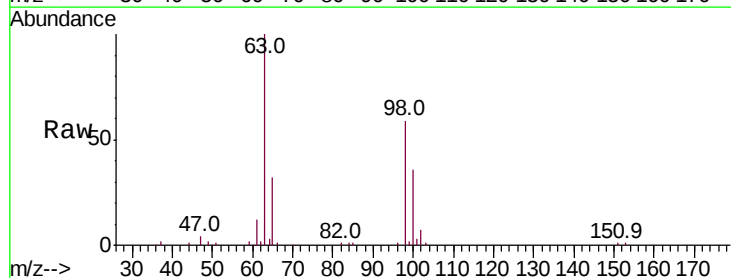
Tot Ion:101 Resp: 109061
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.3 76.9

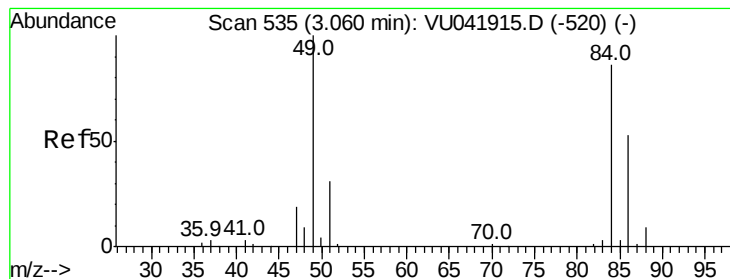


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.277 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU041922.D
 Acq: 11 Jan 2021 15:54

Tgt Ion:101 Resp: 2517
 Ion Ratio Lower Upper
 101 100
 85 28.6 35.1 52.7#
 151 48.3 58.2 87.2#





#16

Methvlene chloride

Concen: 0.242 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

Instrument :

MSVOA_U

ClientSampleId :

BFXK2DL

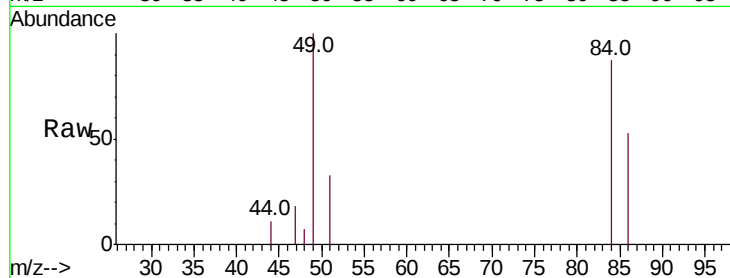
Tot Ion: 84 Resp: 2684

Ion Ratio Lower Upper

84 100

86 60.8 43.5 80.7

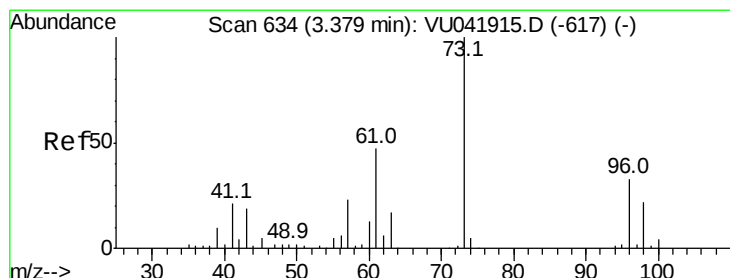
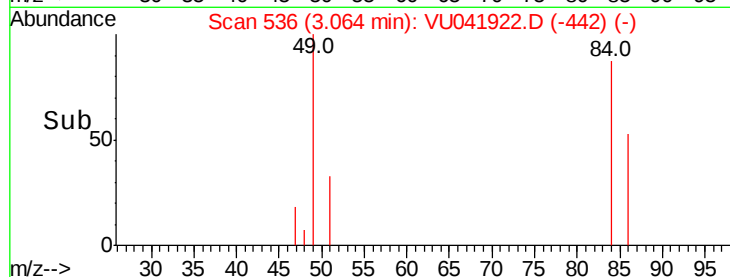
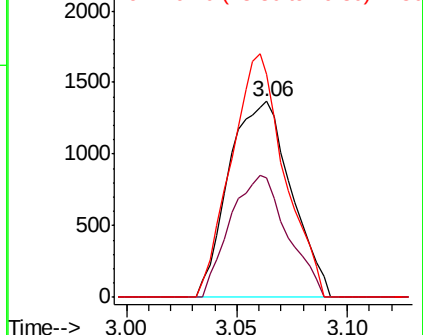
49 114.3 81.8 151.8



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: 0.180 ug/L

RT: 3.38 min Scan# 634

Delta R.T. 0.00 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

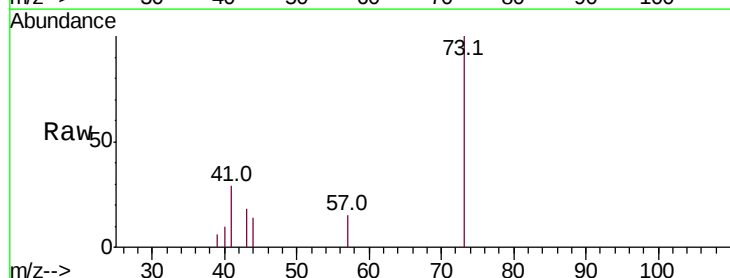
Tgt Ion: 73 Resp: 3813

Ion Ratio Lower Upper

73 100

43 13.6 15.8 23.8#

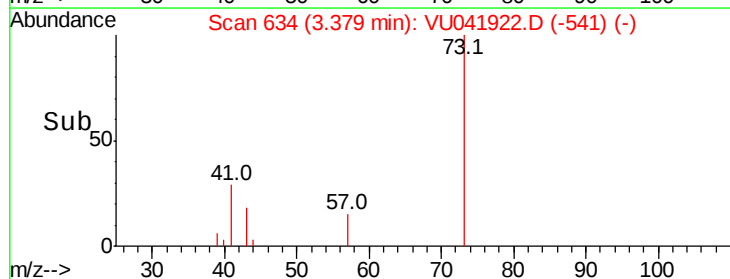
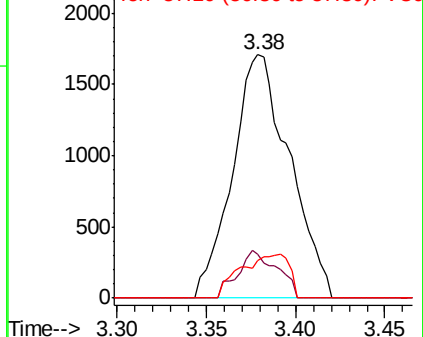
57 15.3 18.3 27.5#

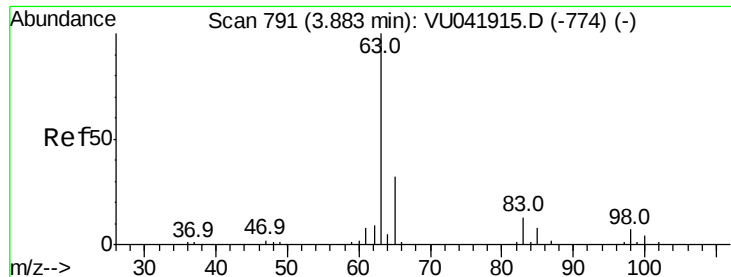


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#19

1,1-Dichloroethane

Concen: 0.131 ug/L

RT: 3.88 min Scan# 790

Delta R.T. -0.00 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

Instrument :

MSVOA_U

ClientSampleId :

BFXK2DL

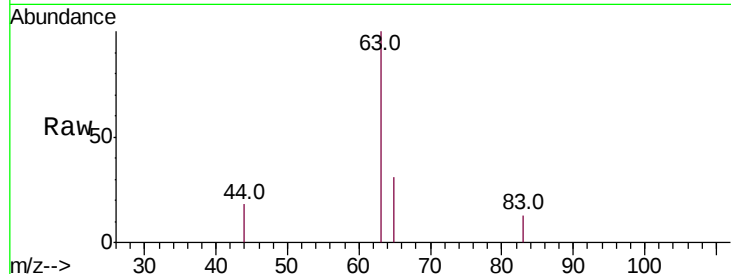
Tot Ion: 63 Resp: 2113

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

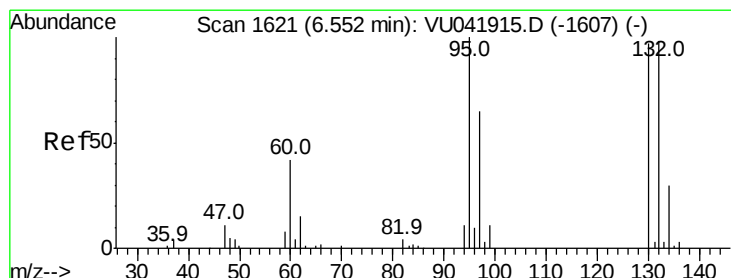
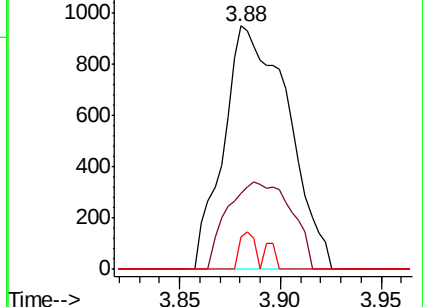
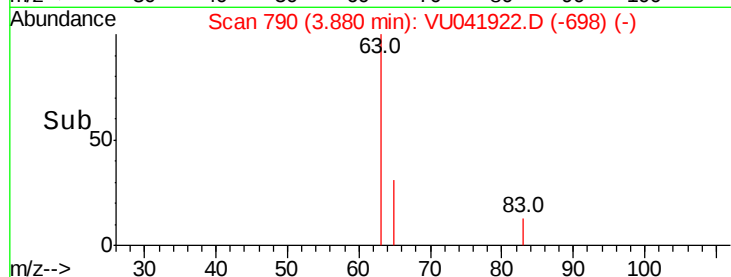
83 13.2 9.0 16.8



Abundance Ion 63.10 (62.80 to 63.80): VU041915.D (-774) (-)

Ion 65.10 (64.80 to 65.80): VU041915.D (-774) (-)

Ion 83.05 (82.75 to 83.75): VU041915.D (-774) (-)



#34

Trichloroethene

Concen: 0.124 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

Tgt Ion: 95 Resp: 1177

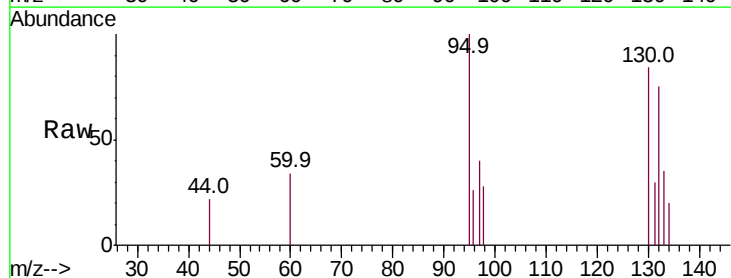
Ion Ratio Lower Upper

95 100

97 40.3 45.2 84.0#

132 74.8 68.7 127.5

130 84.4 68.0 126.4



Abundance Ion 95.00 (94.70 to 95.70): VU041915.D (-1607) (-)

Ion 96.95 (96.65 to 97.65): VU041915.D (-1607) (-)

Ion 131.95 (131.65 to 132.65): VU041915.D (-1607) (-)

Ion 129.95 (129.65 to 130.65): VU041915.D (-1607) (-)

