

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040798.D
 Acq On : 19 Oct 2020 12:36
 Operator : SY/MD
 Sample : L4419-03DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAHODL

Quant Time: Oct 20 02:22:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120096	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122688	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51217	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31645	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.92	69	33704	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.58	63	54392	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.66	46	177772	55.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.66%
24) Chloroform-d	5.08	84	84164	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.72	65	54188	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	147404	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.70	67	54491	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.91	98	111768	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	8.19	79	20033	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.64	63	123126	51.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51678	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	49162	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

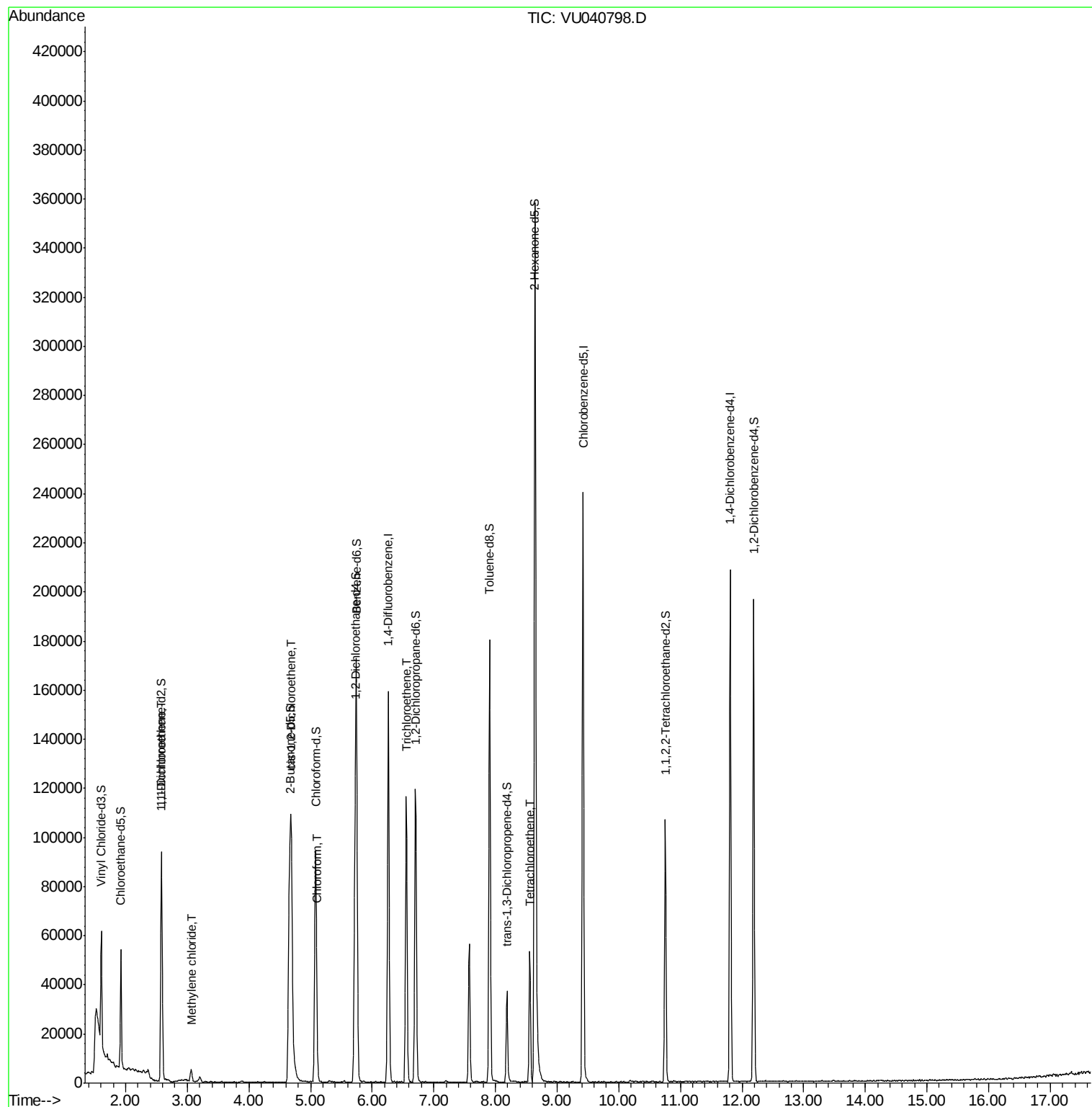
					Ovalue
12) 1,1-Dichloroethene	2.59	96	5820	0.679 ug/L #	1
16) Methylene chloride	3.06	84	2173	0.198 ug/L	83
22) cis-1,2-Dichloroethene	4.69	96	29971	3.098 ug/L	92
25) Chloroform	5.11	83	3491	0.184 ug/L	89
34) Trichloroethene	6.56	95	38925	3.810 ug/L	95
47) Tetrachloroethene	8.56	164	10837	1.487 ug/L	93

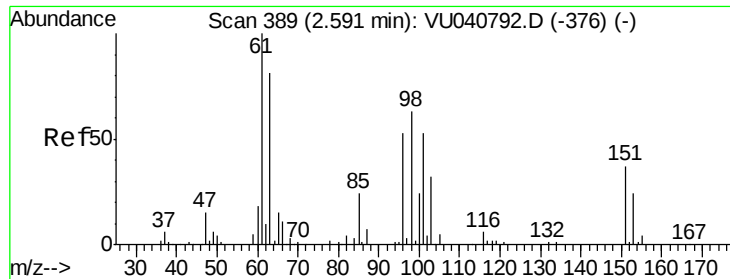
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 01:28:45 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.679 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040798.D

Acq: 19 Oct 2020 12:36

Instrument :

MSVOA_U

ClientSampleId :

C0AH0DL

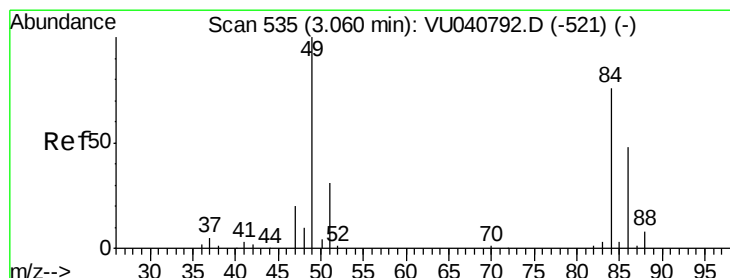
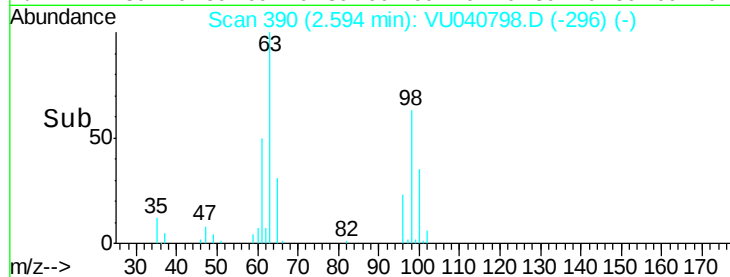
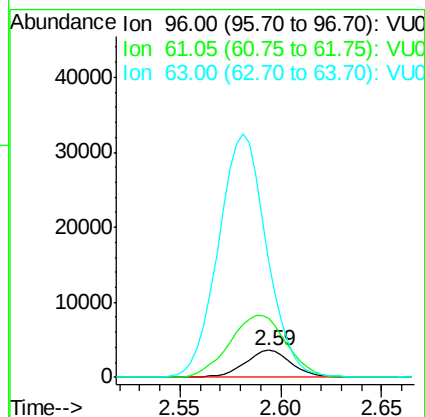
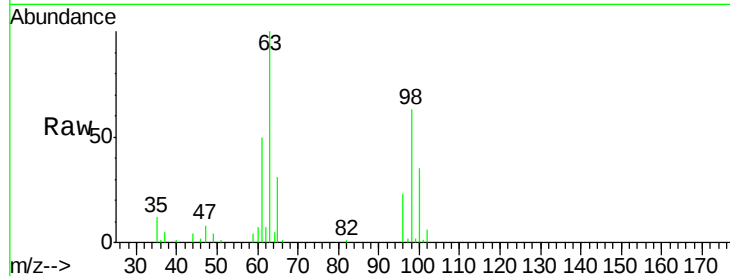
Tot Ion: 96 Resp: 5820

Ion Ratio Lower Upper

96 100

61 218.0 128.8 239.2

63 434.9 84.6 157.2#



#16

Methylene chloride

Concen: 0.198 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040798.D

Acq: 19 Oct 2020 12:36

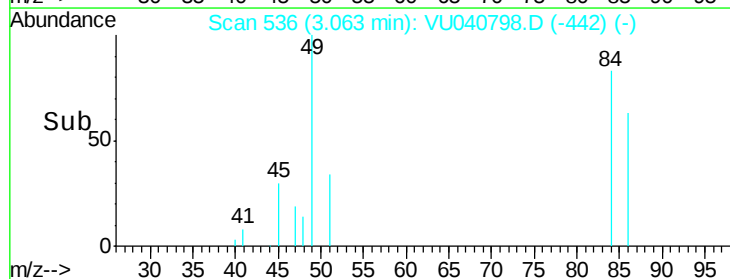
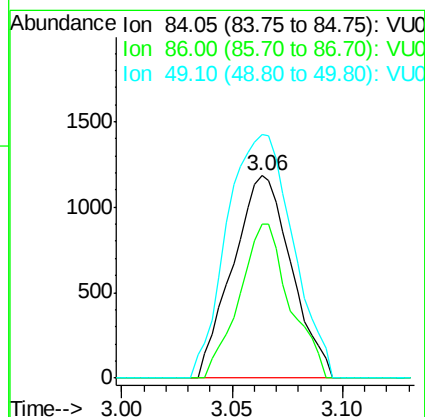
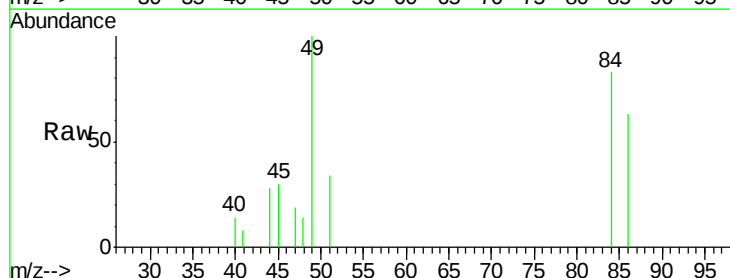
Tgt Ion: 84 Resp: 2173

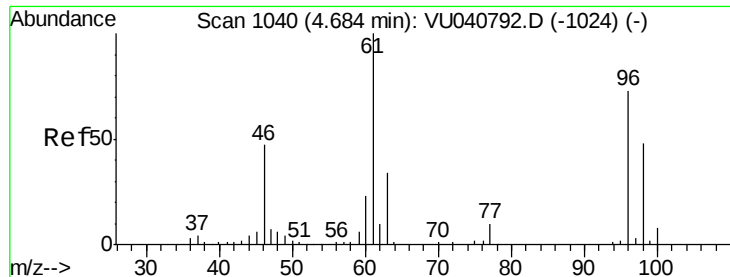
Ion Ratio Lower Upper

84 100

86 76.4 45.4 84.4

49 120.4 99.8 185.3

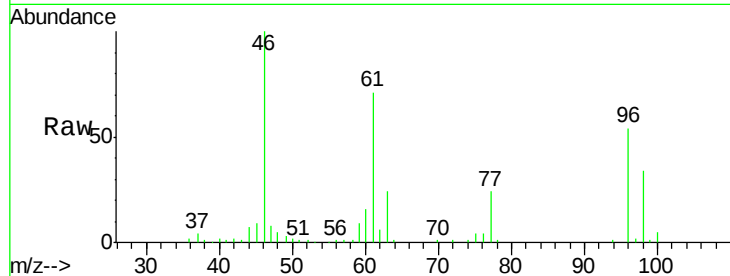




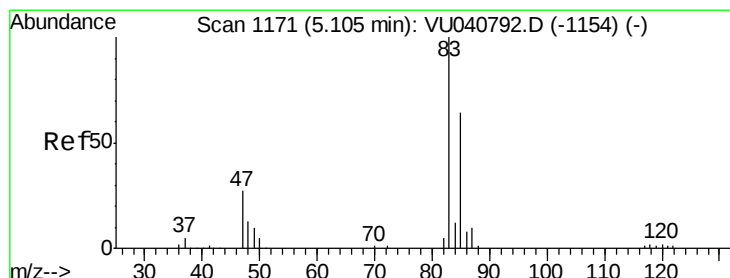
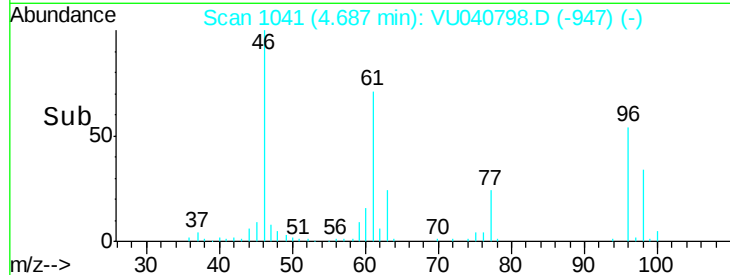
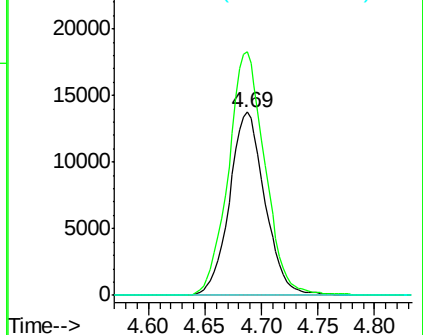
#22
 cis-1,2-Dichloroethene
 Concen: 3.098 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040798.D
 Acq: 19 Oct 2020 12:36

Instrument :
 MSVOA_U
 ClientSampleId :
 COAH0DL

Tot Ion: 96 Resp: 29971
 Ion Ratio Lower Upper
 96 100
 61 132.9 99.8 185.4
 68 0.0 0.0 0.0

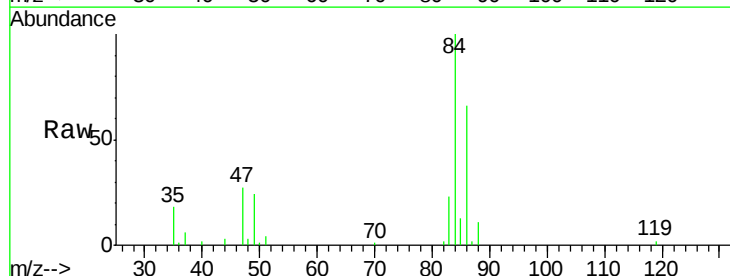


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

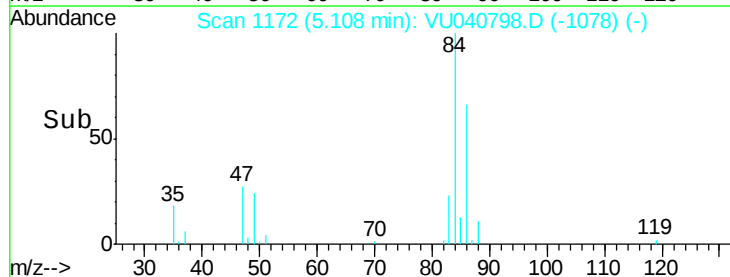
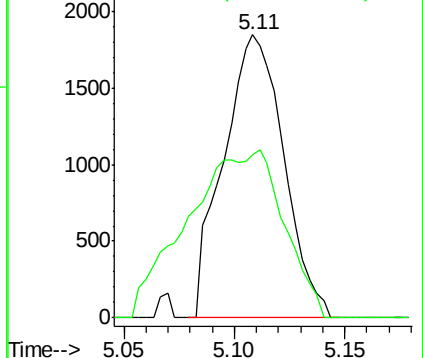


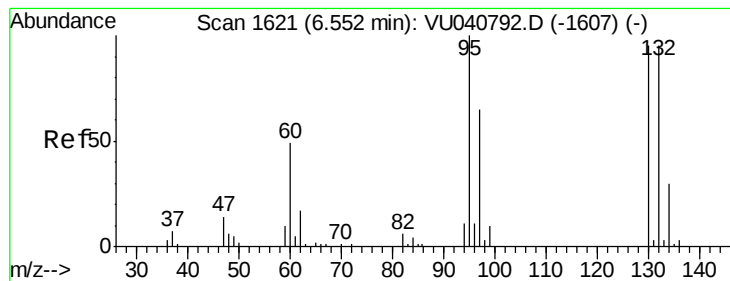
#25
 Chloroform
 Concen: 0.184 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU040798.D
 Acq: 19 Oct 2020 12:36

Tgt Ion: 83 Resp: 3491
 Ion Ratio Lower Upper
 83 100
 85 57.8 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 3.810 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040798.D

Acq: 19 Oct 2020 12:36

Instrument :

MSVOA_U

ClientSampleId :

C0AH0DL

Tot Ion: 95 Resp: 38925

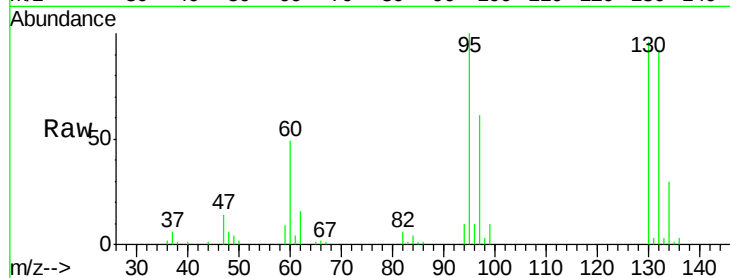
Ion Ratio Lower Upper

95 100

97 61.4 45.5 84.5

132 91.6 67.5 125.4

130 95.9 69.9 129.9

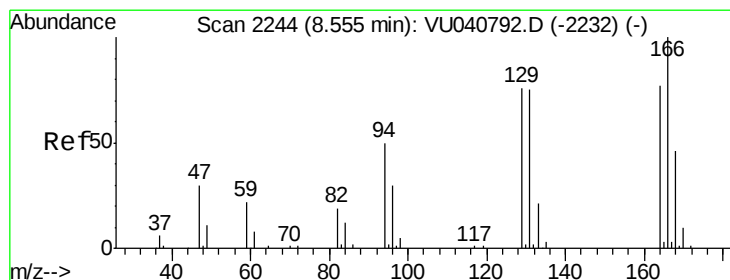
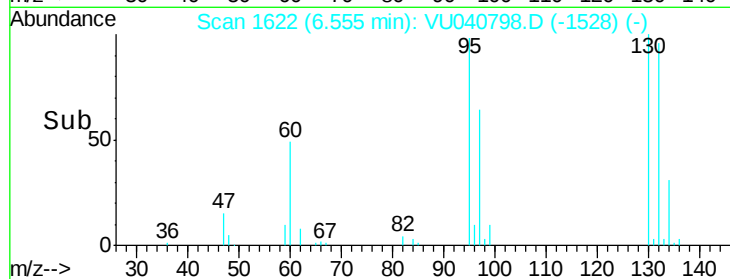
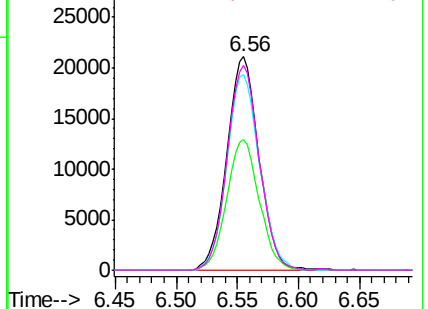


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.487 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040798.D

Acq: 19 Oct 2020 12:36

Tgt Ion: 164 Resp: 10837

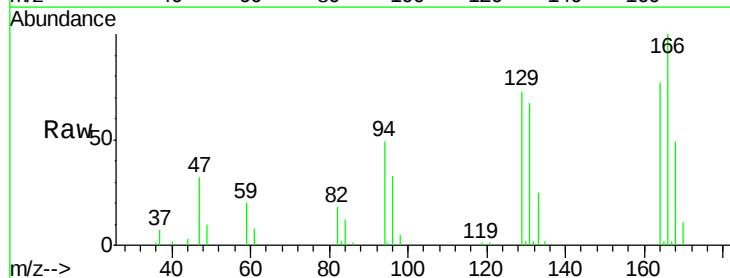
Ion Ratio Lower Upper

164 100

129 95.2 68.8 127.8

131 87.6 66.7 123.9

166 129.9 83.9 155.7



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

