

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040662.D
 Acq On : 12 Oct 2020 16:33
 Operator : SY/MD
 Sample : L4345-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY4

Quant Time: Oct 13 05:39:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120828	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41287	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.92	69	35704	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.58	63	64439	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.66	46	169542	52.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.84%
24) Chloroform-d	5.08	84	84311	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	52963	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.74	84	155186	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.70	67	54711	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.91	98	125702	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	21001	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	117768	49.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46416	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	49765	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

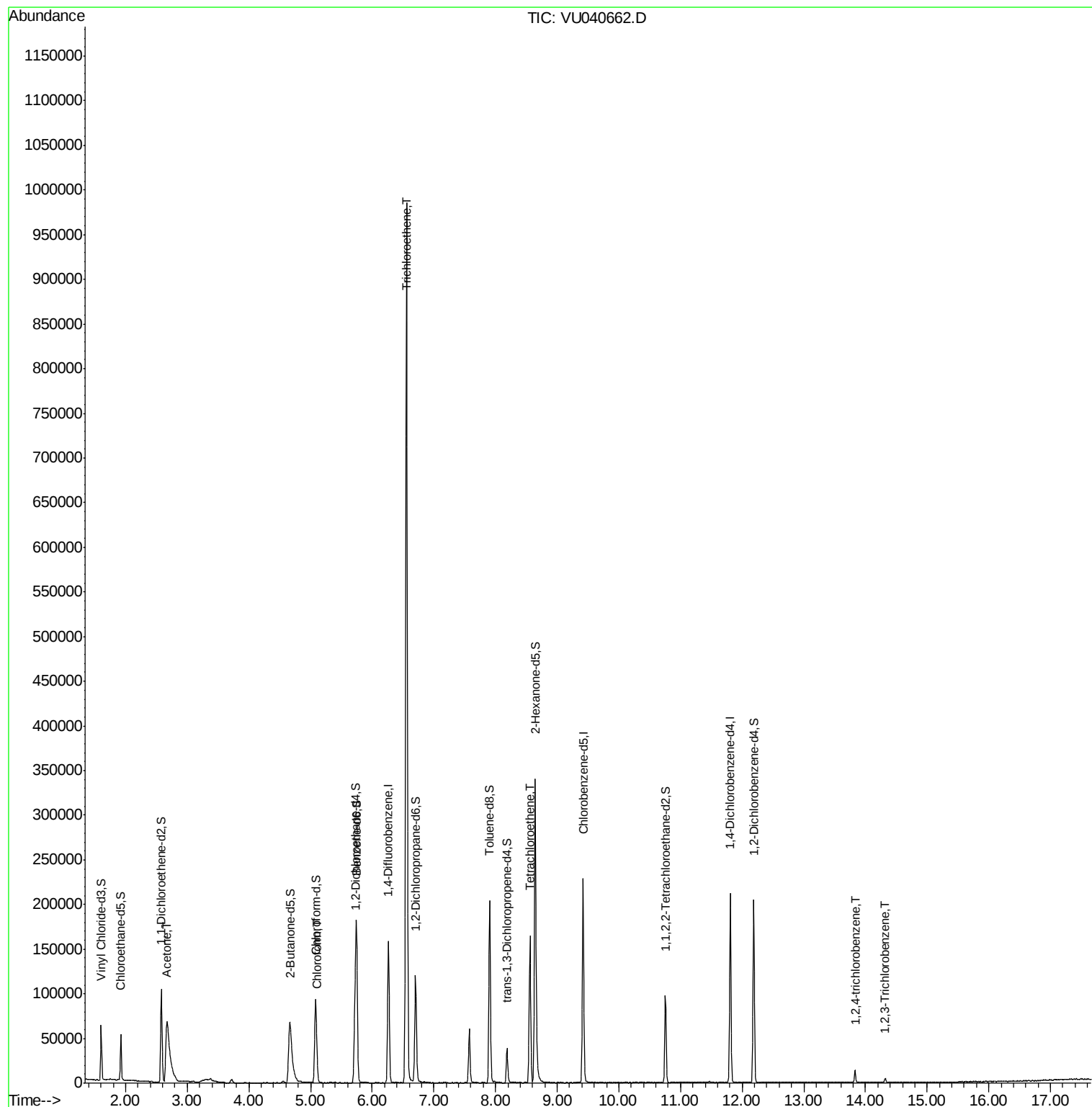
					Ovalue
13) Acetone	2.67	43	212626	85.617 ug/L	99
25) Chloroform	5.11	83	3849	0.202 ug/L	99
34) Trichloroethene	6.56	95	326342	32.416 ug/L	96
47) Tetrachloroethene	8.56	164	34241	4.767 ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	3655	0.396 ug/L	89
70) 1,2,3-Trichlorobenzene	14.32	180	1561	0.182 ug/L	96

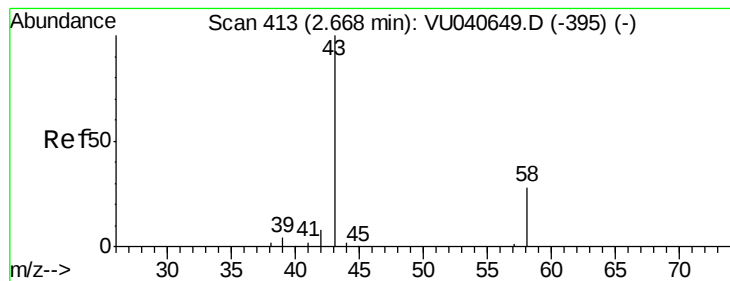
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 85.617 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU040662.D

Acq: 12 Oct 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

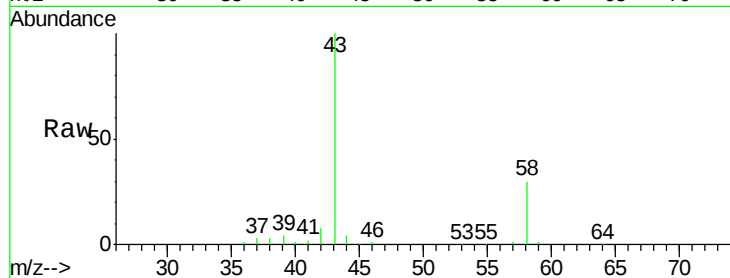
YAQY4

Tot Ion: 43 Resp: 212626

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040662.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040662.D (-320) (-)

2.67

40000

30000

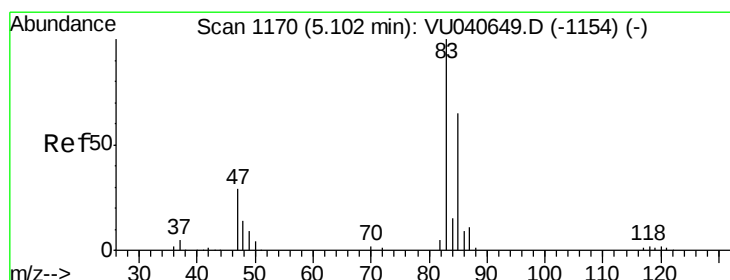
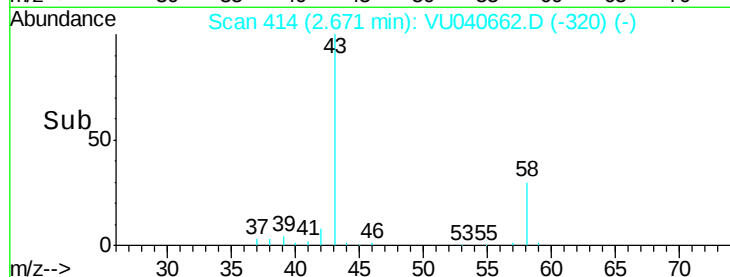
20000

10000

0

Time-->

2.50 2.60 2.70 2.80 2.90



#25

Chloroform

Concen: 0.202 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU040662.D

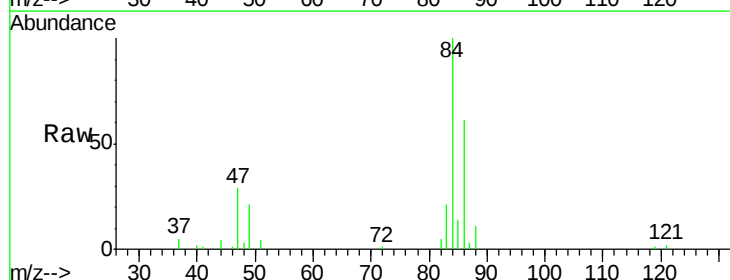
Acq: 12 Oct 2020 16:33

Tgt Ion: 83 Resp: 3849

Ion Ratio Lower Upper

83 100

85 65.5 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040662.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU040662.D (-1077) (-)

5.11

2000

1500

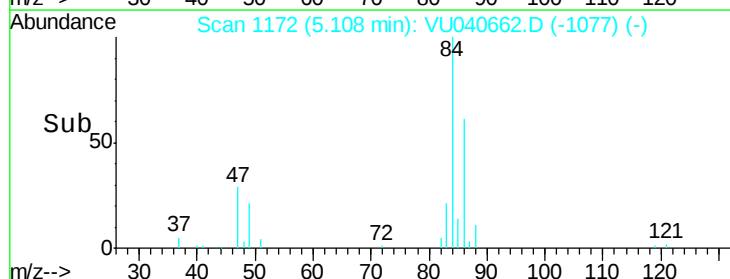
1000

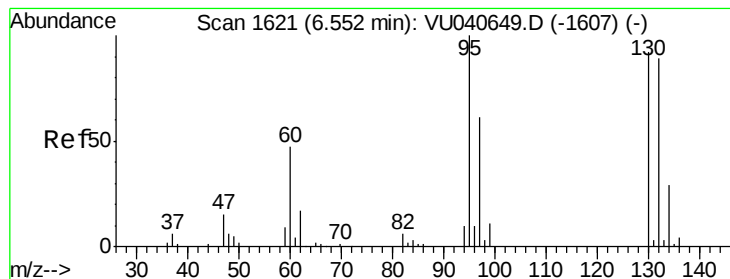
500

0

Time-->

5.05 5.10 5.15





#34

Trichloroethene

Concen: 32.416 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040662.D

Acq: 12 Oct 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

YAQY4

Tot Ion: 95 Resp: 326342

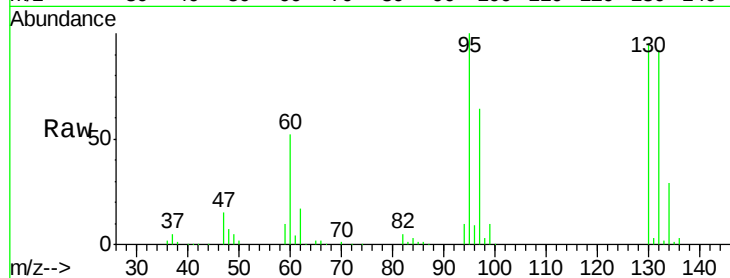
Ion Ratio Lower Upper

95 100

97 64.0 45.5 84.5

132 91.9 67.5 125.4

130 95.0 69.9 129.9

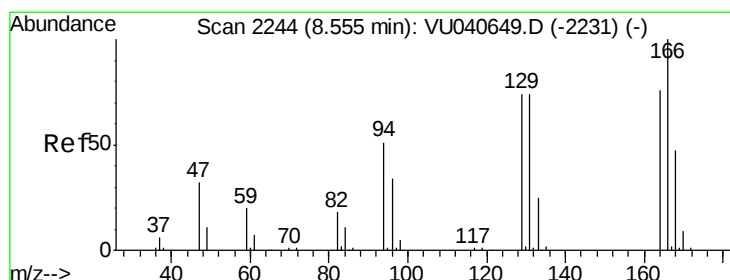
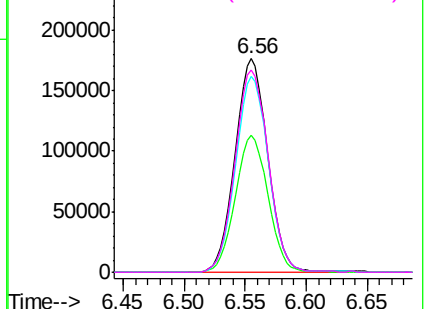
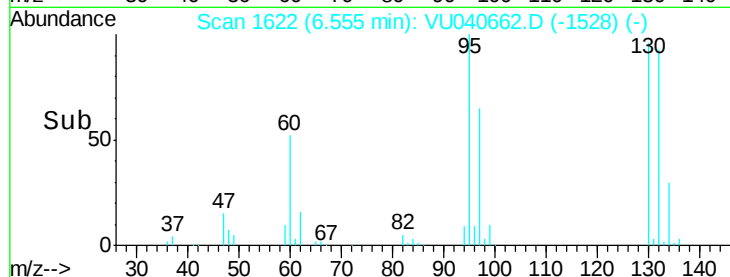


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.767 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040662.D

Acq: 12 Oct 2020 16:33

Tgt Ion: 164 Resp: 34241

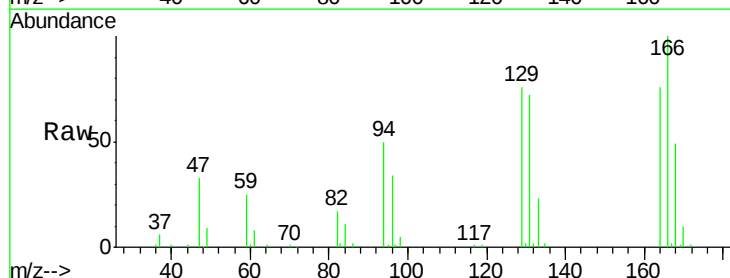
Ion Ratio Lower Upper

164 100

129 99.8 68.8 127.8

131 94.9 66.7 123.9

166 131.3 83.9 155.7

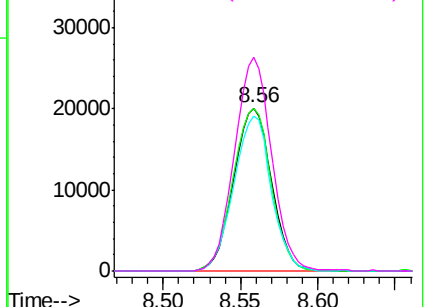
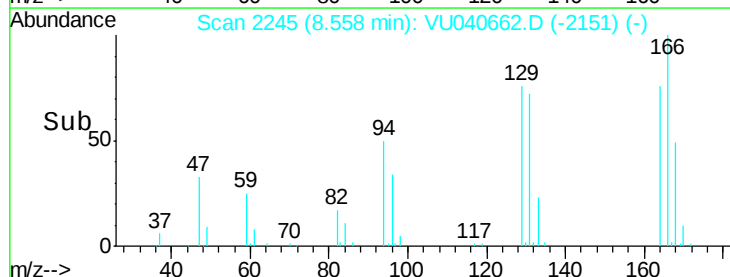


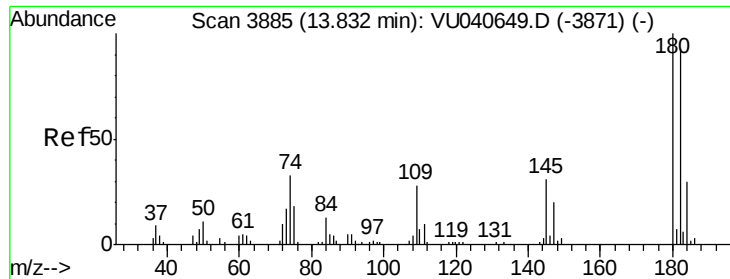
Abundance Ion 163.90 (163.60 to 164.60): V

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

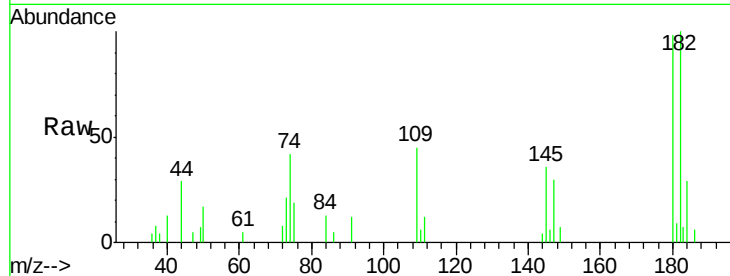




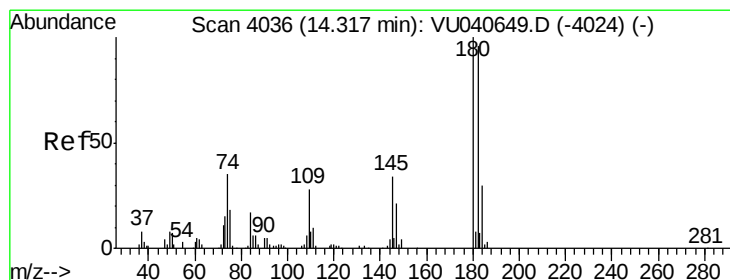
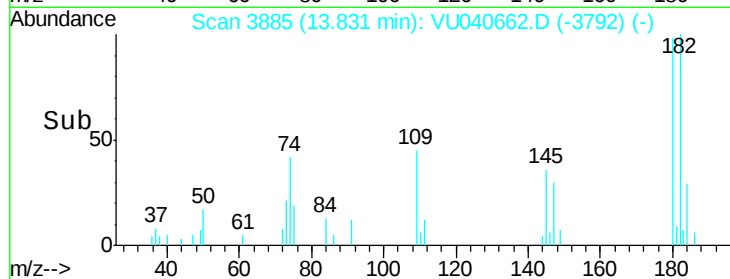
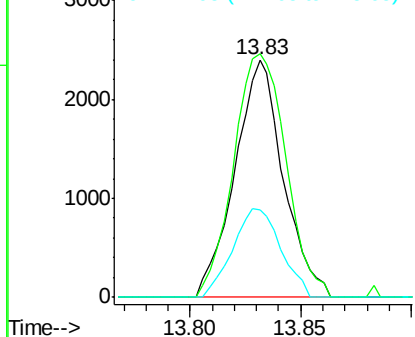
#68
 1,2,4-trichlorobenzene
 Concen: 0.396 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU040662.D
 Acq: 12 Oct 2020 16:33

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY4

Tot Ion:180 Resp: 3655
 Ion Ratio Lower Upper
 180 100
 182 110.8 78.8 118.2
 145 36.9 26.1 39.1

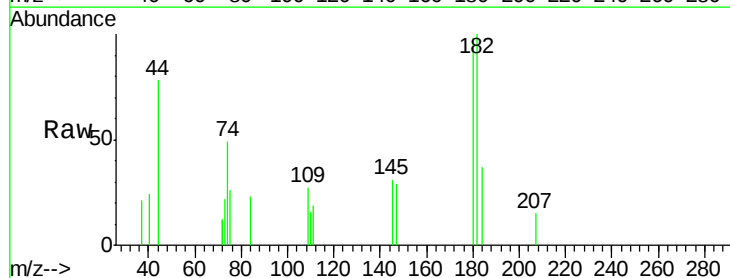


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.182 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: VU040662.D
 Acq: 12 Oct 2020 16:33

Tgt Ion:180 Resp: 1561
 Ion Ratio Lower Upper
 180 100
 182 97.4 75.8 113.8
 145 30.3 27.4 41.2



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

