

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110520\
 Data File : VU041111.D
 Acq On : 05 Nov 2020 17:49
 Operator : SY/MD
 Sample : L4648-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB2

Quant Time: Nov 06 02:17:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 01:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52733	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15968	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.92	69	13810	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.58	63	23467	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.65	46	84411	57.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.72%
24) Chloroform-d	5.08	84	37555	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	23896	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.74	84	62940	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.70	67	23362	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.91	98	49286	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	8.19	79	9233	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.64	63	60195	53.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22783	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	21390	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

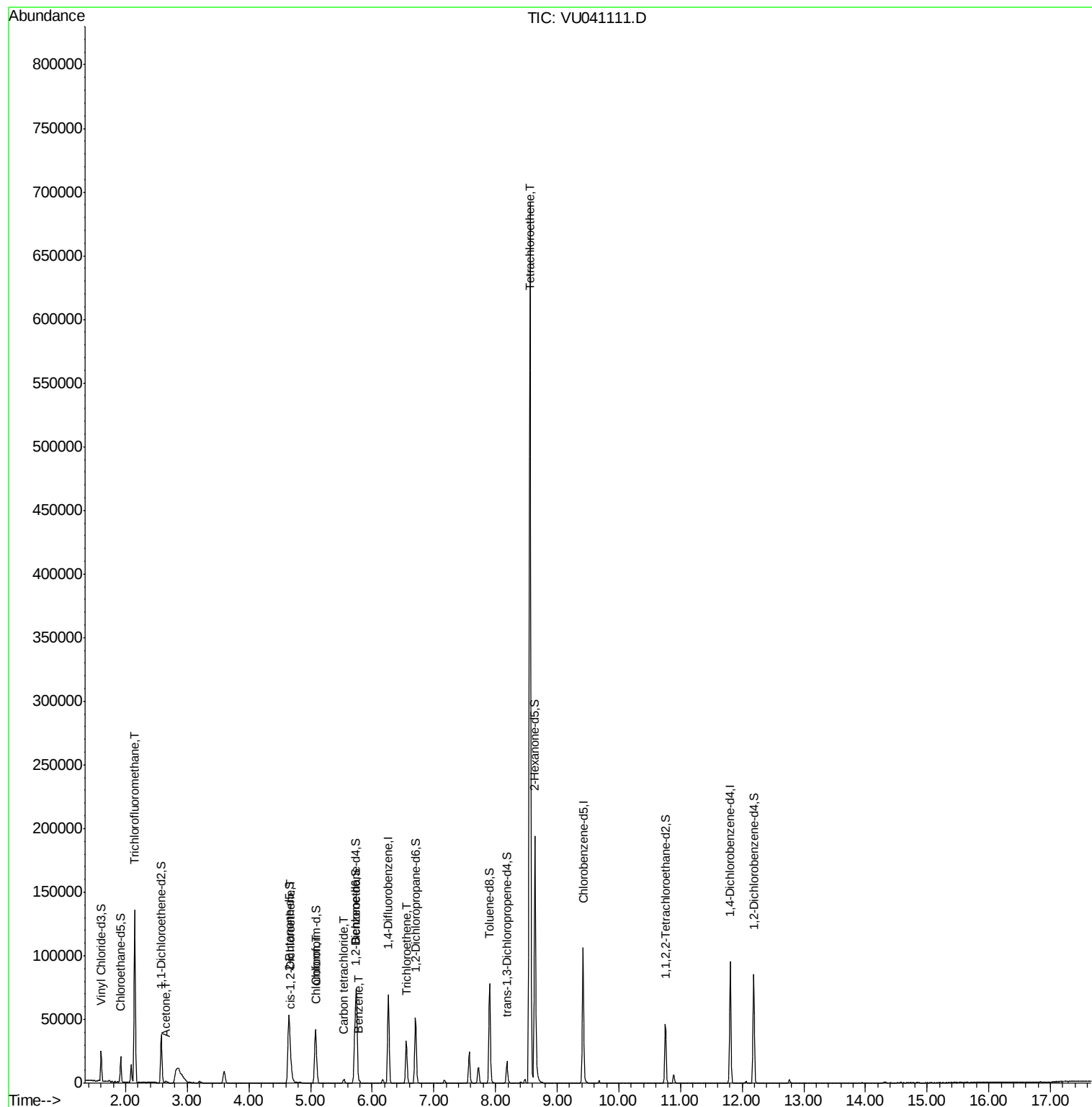
					Ovalue
9) Trichlorofluoromethane	2.15	101	85579	12.713 ug/L	99
13) Acetone	2.65	43	2434	2.440 ug/L	70
22) cis-1,2-Dichloroethene	4.69	96	1967	0.504 ug/L	99
25) Chloroform	5.11	83	2015	0.266 ug/L	100
31) Carbon tetrachloride	5.54	117	1824	0.304 ug/L	89
33) Benzene	5.79	78	1136	0.069 ug/L	100
34) Trichloroethene	6.55	95	11021	2.612 ug/L	98
47) Tetrachloroethene	8.56	164	140664	45.335 ug/L	97

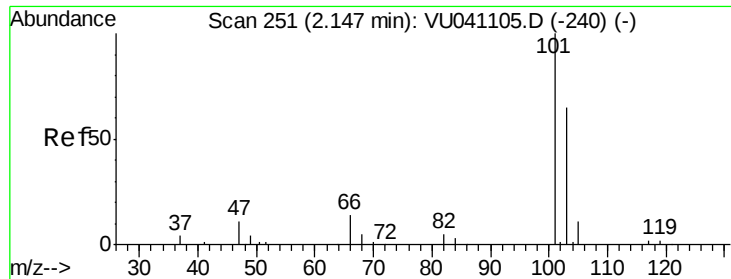
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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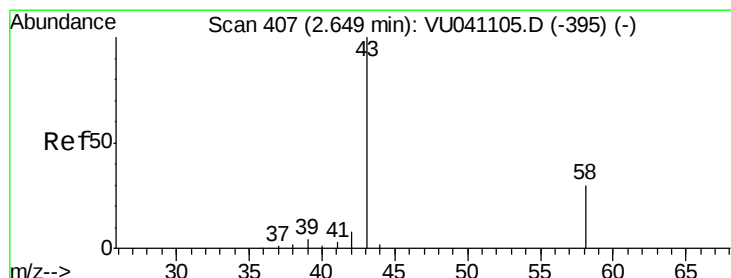
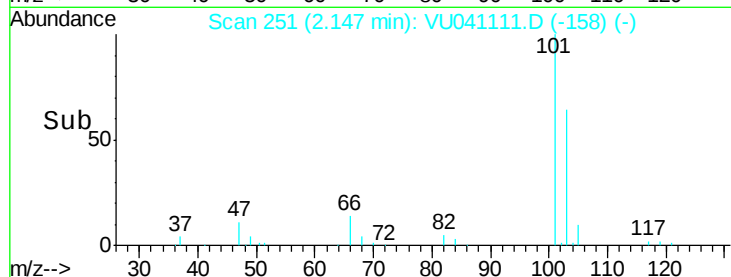
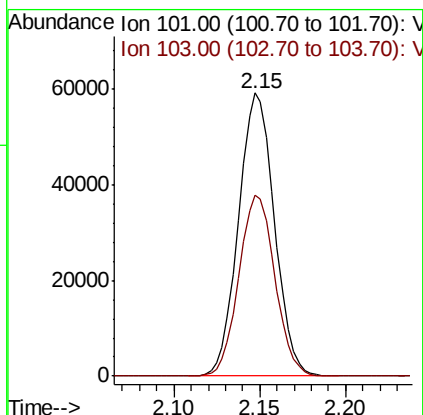
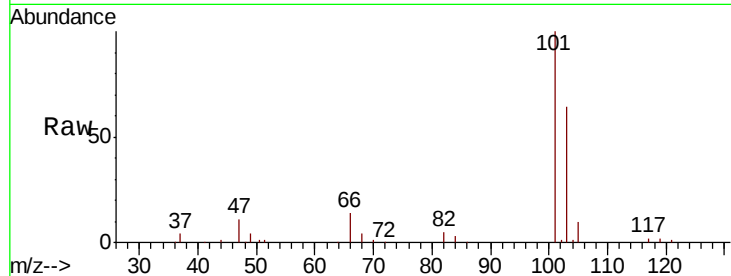


#9

Trichlorofluoromethane
 Concen: 12.713 ug/L
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU041111.D
 Acq: 05 Nov 2020 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB2

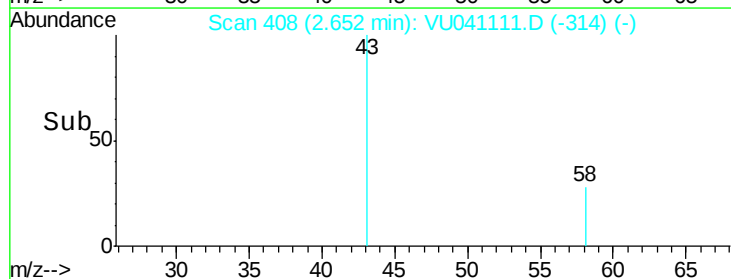
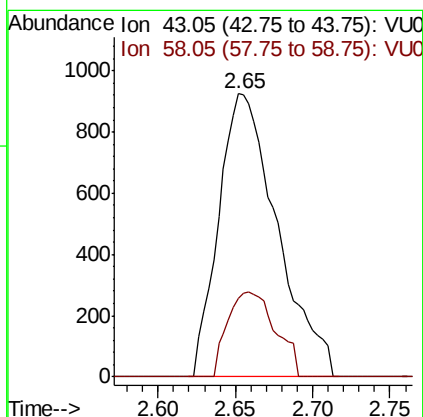
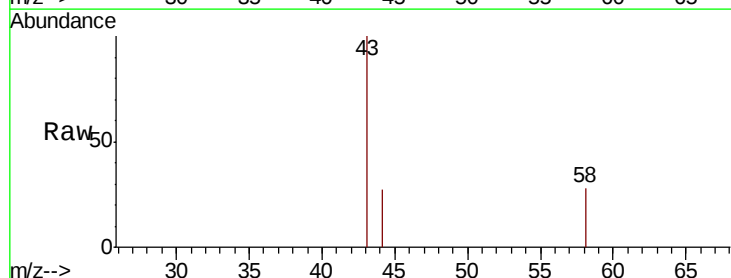
Tot Ion:101 Resp: 85579
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.0 76.4

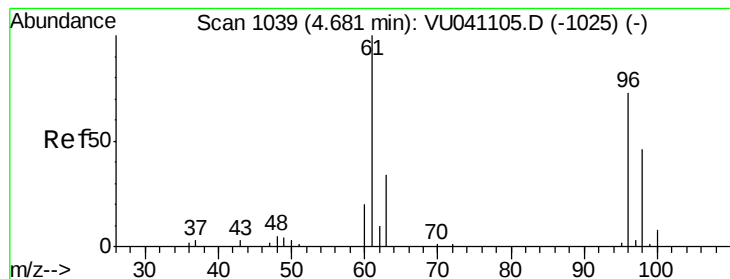


#13

Acetone
 Concen: 2.440 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VU041111.D
 Acq: 05 Nov 2020 17:49

Tgt Ion: 43 Resp: 2434
 Ion Ratio Lower Upper
 43 100
 58 24.5 0.0 25.4





#22

cis-1,2-Dichloroethene

Concen: 0.504 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041111.D

Acq: 05 Nov 2020 17:49

Instrument :

MSVOA_U

ClientSampleId :

C0AB2

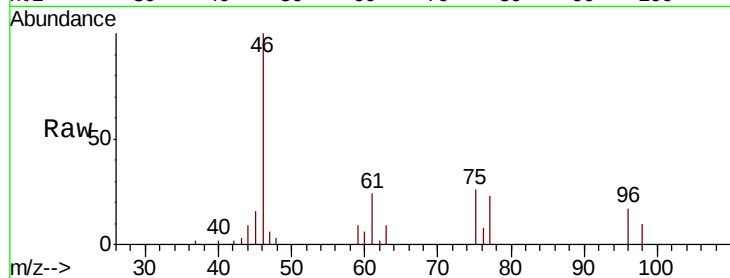
Tot Ion: 96 Resp: 1967

Ion Ratio Lower Upper

96 100

61 140.3 97.2 180.4

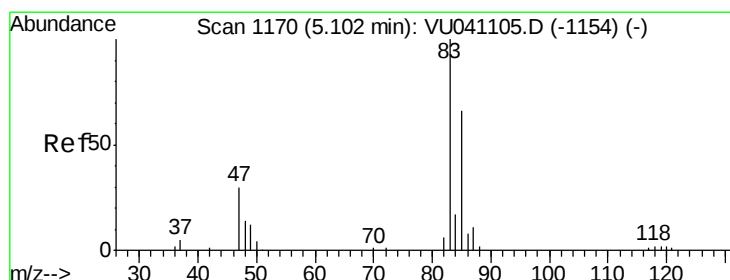
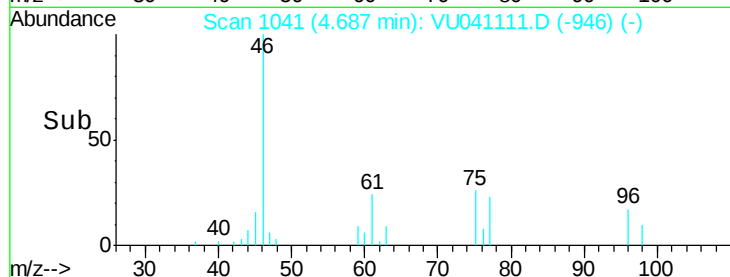
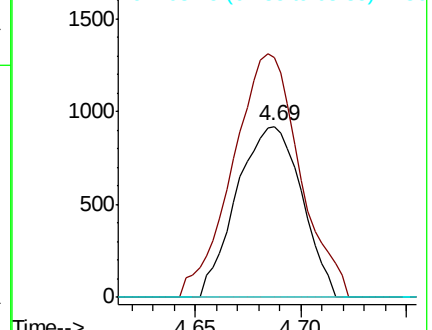
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041111.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU041111.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU041111.D (-946) (-)



#25

Chloroform

Concen: 0.266 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041111.D

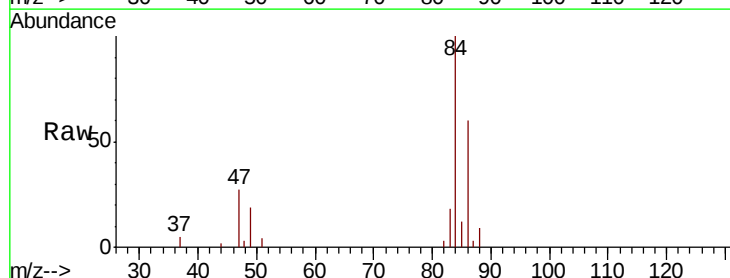
Acq: 05 Nov 2020 17:49

Tgt Ion: 83 Resp: 2015

Ion Ratio Lower Upper

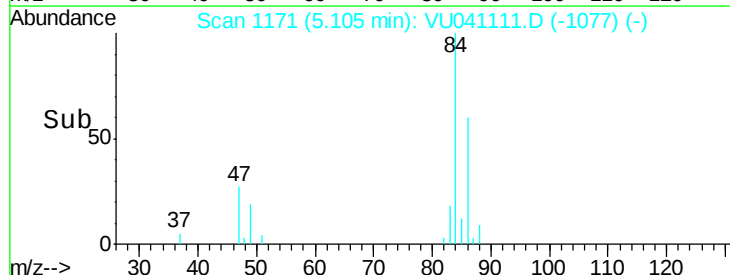
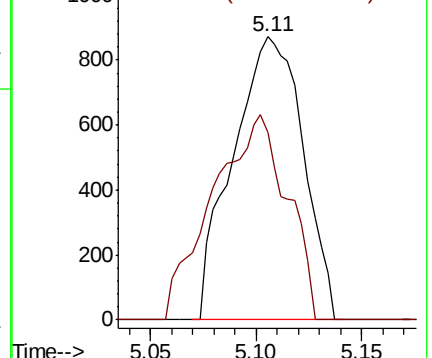
83 100

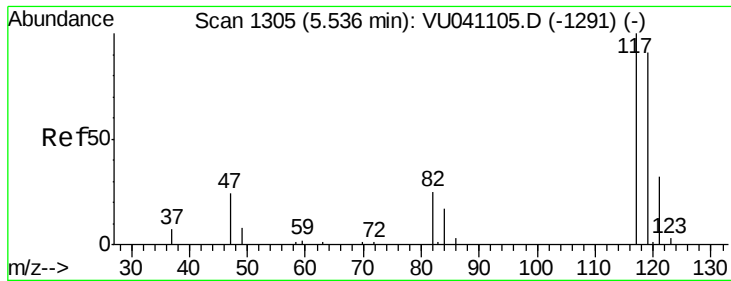
85 66.3 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU041111.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU041111.D (-1077) (-)





#31

Carbon tetrachloride

Concen: 0.304 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.01 min

Lab File: VU041111.D

Acq: 05 Nov 2020 17:49

Instrument :

MSVOA_U

ClientSampled :

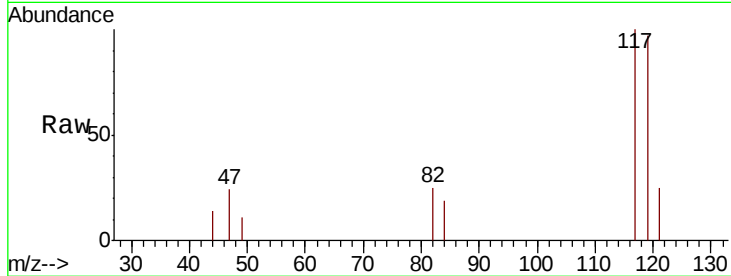
C0AB2

Tot Ion:117 Resp: 1824

Ion Ratio Lower Upper

117 100

119 105.3 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.54

1000

800

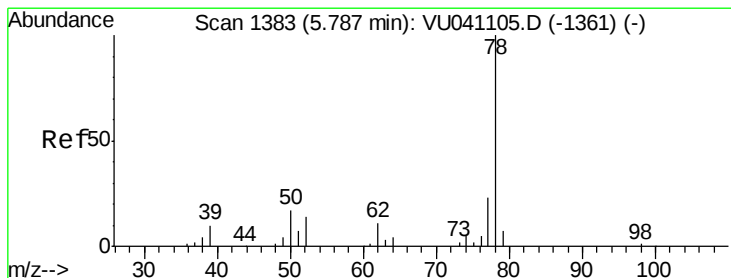
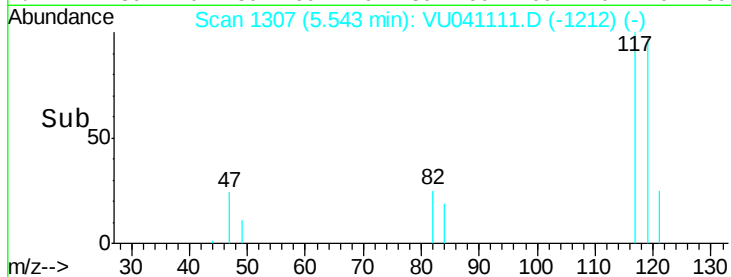
600

400

200

0

Time-->



#33

Benzene

Concen: 0.069 ug/L

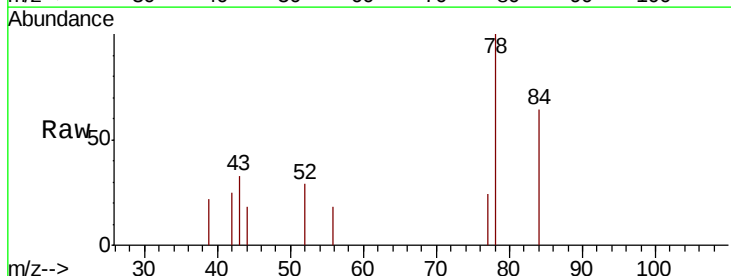
RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU041111.D

Acq: 05 Nov 2020 17:49

Tgt Ion: 78 Resp: 1136



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.79

600

500

400

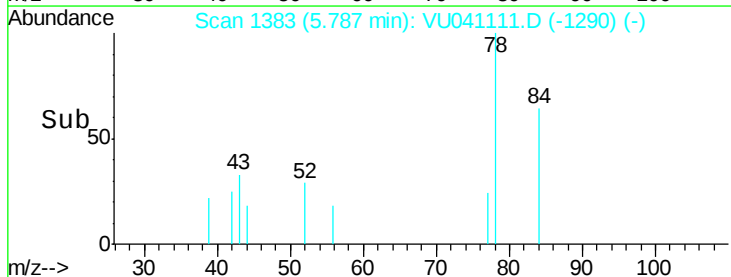
300

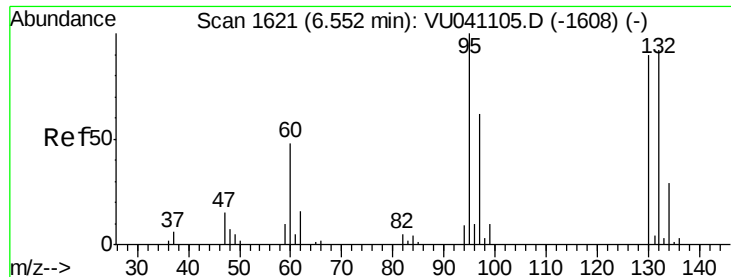
200

100

0

Time-->

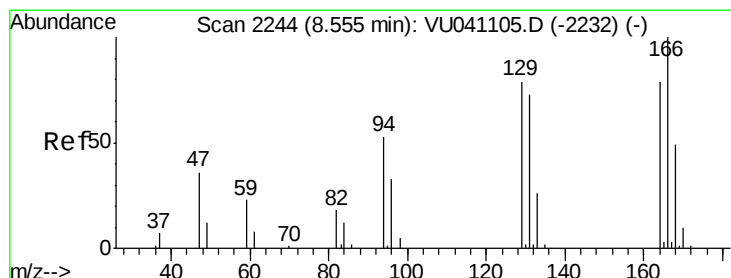
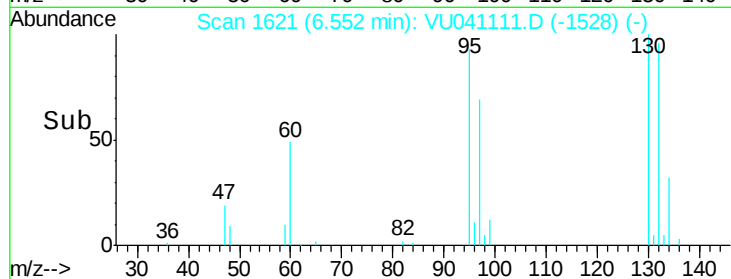
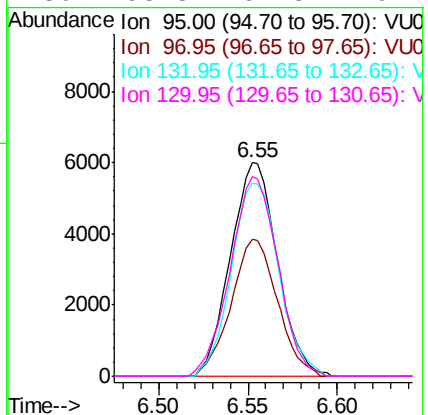
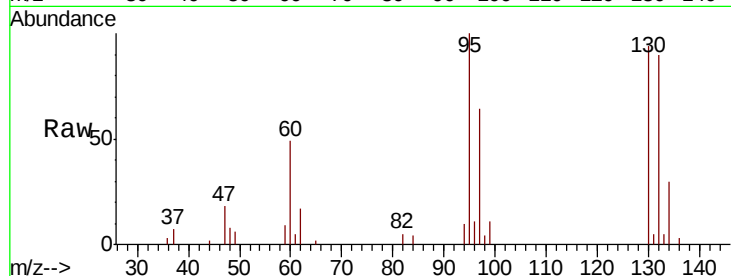




#34
 Trichloroethene
 Concen: 2.612 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041111.D
 Acq: 05 Nov 2020 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB2

Tot Ion:	95	Resp:	11021
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.6	84.6
132	90.4	64.8	120.4
130	93.8	64.8	120.4



#47
 Tetrachloroethene
 Concen: 45.335 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041111.D
 Acq: 05 Nov 2020 17:49

Tgt Ion:	164	Resp:	140664
Ion	Ratio	Lower	Upper
164	100		
129	98.4	70.3	130.7
131	97.6	70.8	131.4
166	128.1	92.0	170.8

