

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110520\
 Data File : VU041114.D
 Acq On : 05 Nov 2020 18:58
 Operator : SY/MD
 Sample : L4648-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB0

Quant Time: Nov 06 02:32:46 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	50969	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15354	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.92	69	13949	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.58	63	22865	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.65	46	79665	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	5.08	84	32030	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.72	65	23350	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.74	84	62150	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.70	67	23370	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.91	98	47534	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	8.19	79	8917	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	56786	51.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22341	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	21003	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

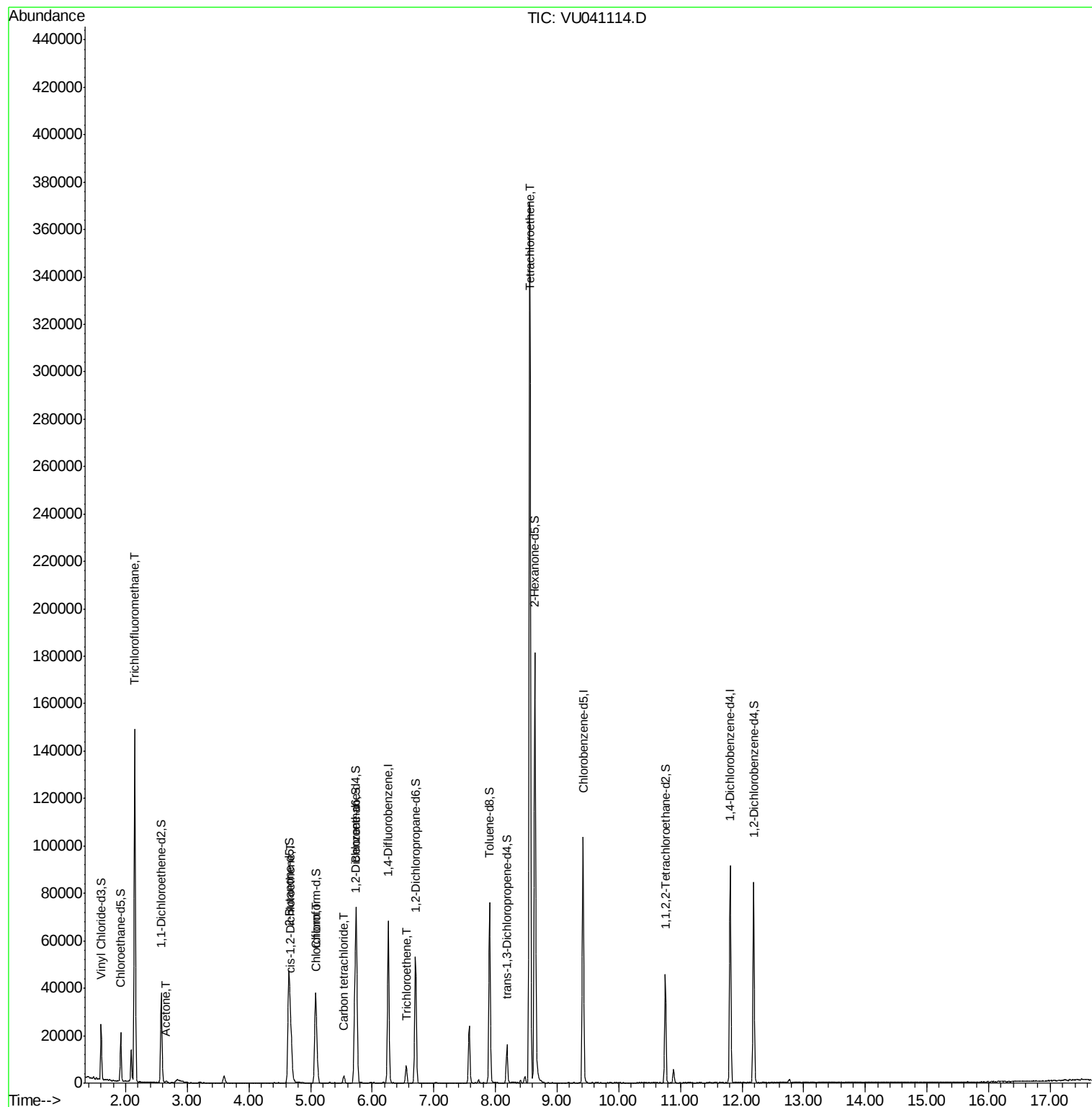
					Ovalue
9) Trichlorofluoromethane	2.15	101	93132	14.314 ug/L	99
13) Acetone	2.65	43	1230	1.276 ug/L	83
22) cis-1,2-Dichloroethene	4.69	96	5855	1.551 ug/L	98
25) Chloroform	5.11	83	7528	1.026 ug/L	97
31) Carbon tetrachloride	5.54	117	1949	0.330 ug/L	85
34) Trichloroethene	6.56	95	2492	0.601 ug/L	96
47) Tetrachloroethene	8.56	164	75043	24.624 ug/L	97

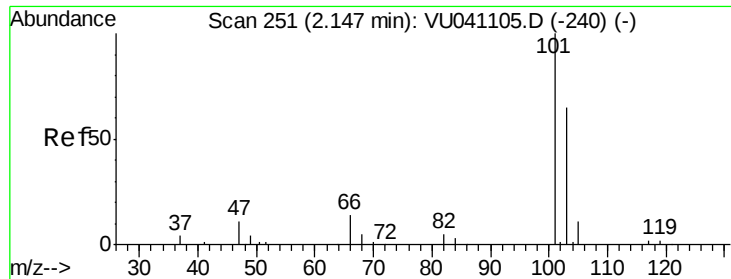
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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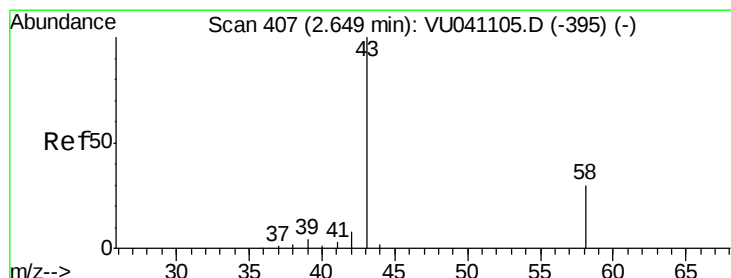
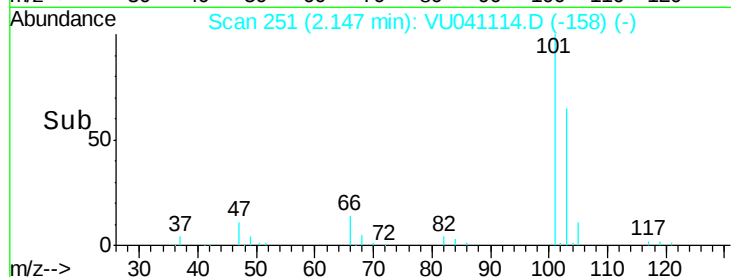
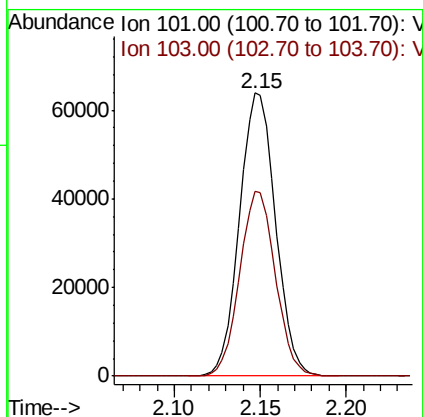
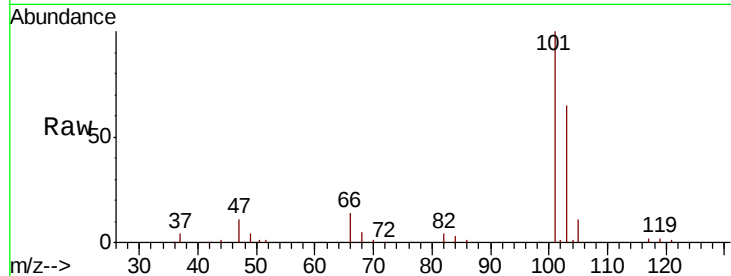


#9

Trichlorofluoromethane
 Concen: 14.314 ug/L
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU041114.D
 Acq: 05 Nov 2020 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB0

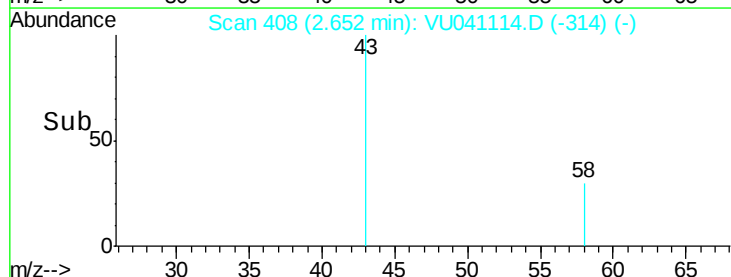
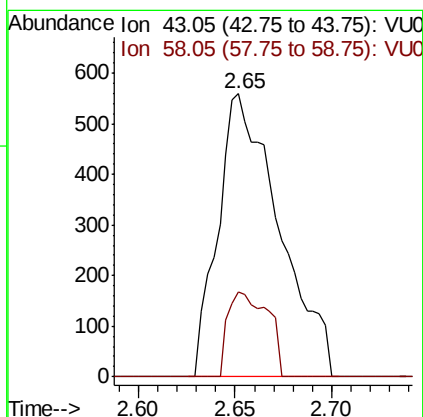
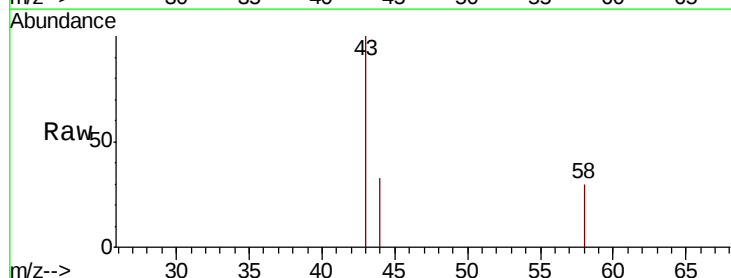
Tot Ion:101 Resp: 93132
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.4

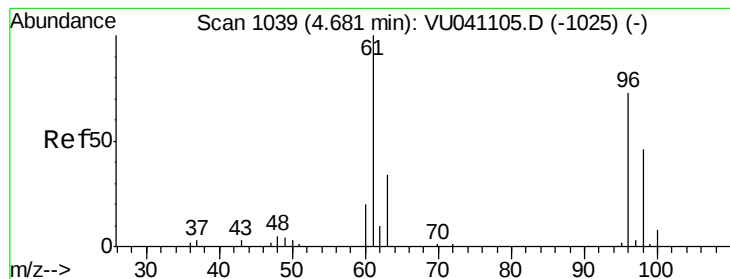


#13

Acetone
 Concen: 1.276 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VU041114.D
 Acq: 05 Nov 2020 18:58

Tgt Ion: 43 Resp: 1230
 Ion Ratio Lower Upper
 43 100
 58 19.6 0.0 25.4





#22

cis-1,2-Dichloroethene

Concen: 1.551 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041114.D

Acq: 05 Nov 2020 18:58

Instrument :

MSVOA_U

ClientSampleId :

C0AB0

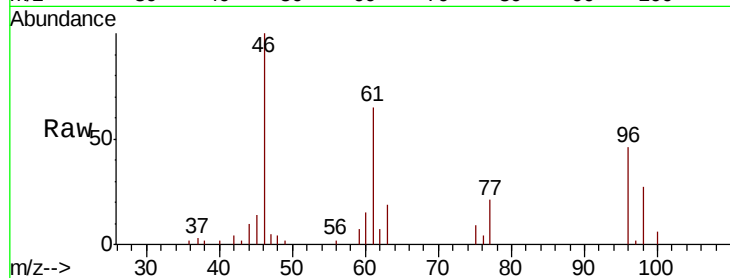
Tot Ion: 96 Resp: 5855

Ion Ratio Lower Upper

96 100

61 141.2 97.2 180.4

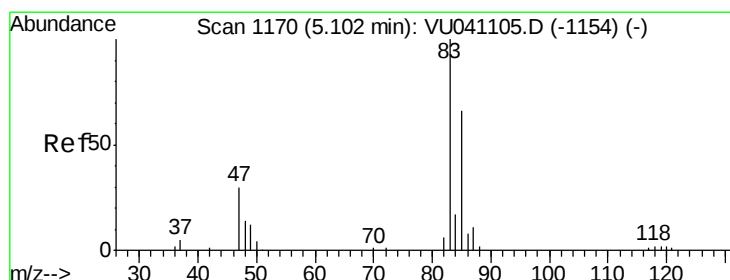
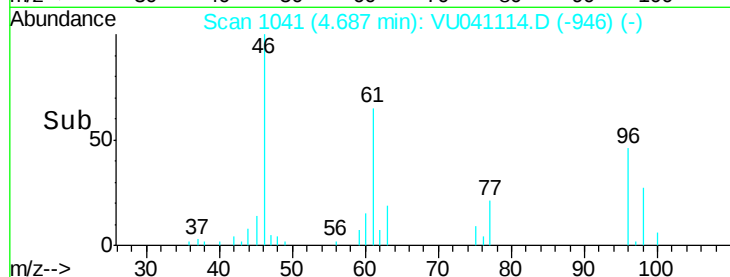
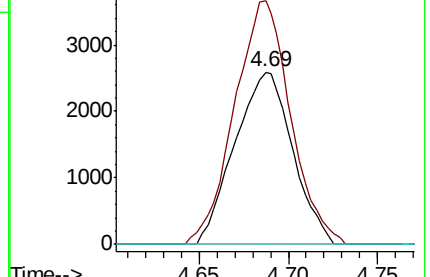
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041105.D (-1025) (-)

Ion 61.05 (60.75 to 61.75): VU041105.D (-1025) (-)

Ion 68.15 (67.85 to 68.85): VU041105.D (-1025) (-)



#25

Chloroform

Concen: 1.026 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041114.D

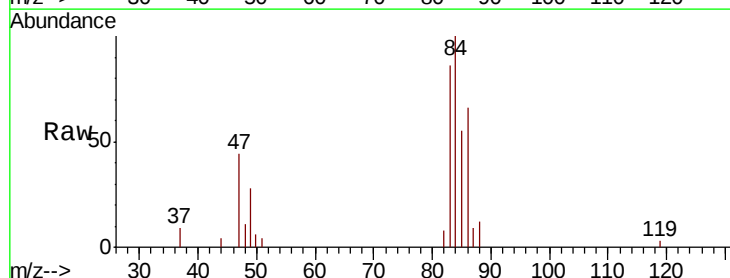
Acq: 05 Nov 2020 18:58

Tgt Ion: 83 Resp: 7528

Ion Ratio Lower Upper

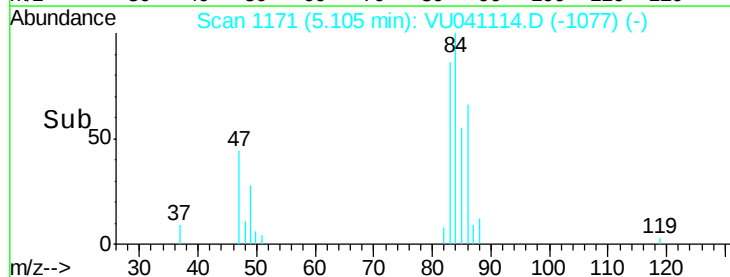
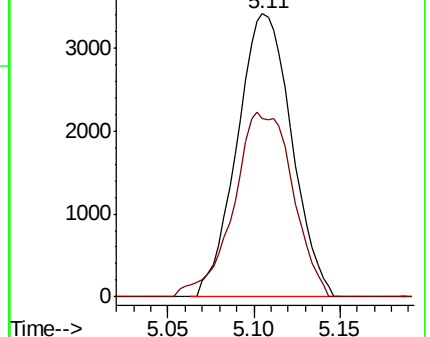
83 100

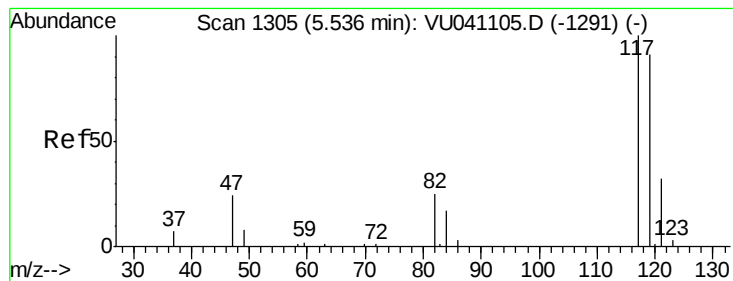
85 63.1 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU041105.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU041105.D (-1154) (-)





#31

Carbon tetrachloride

Concen: 0.330 ug/L

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU041114.D

Acq: 05 Nov 2020 18:58

Instrument :

MSVOA_U

ClientSampleId :

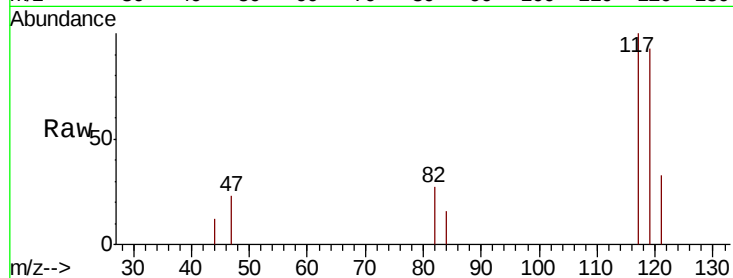
C0AB0

Tot Ion:117 Resp: 1949

Ion Ratio Lower Upper

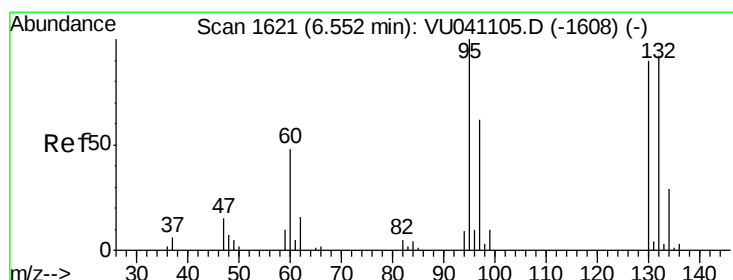
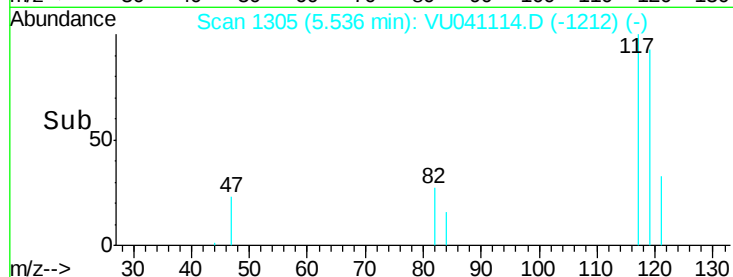
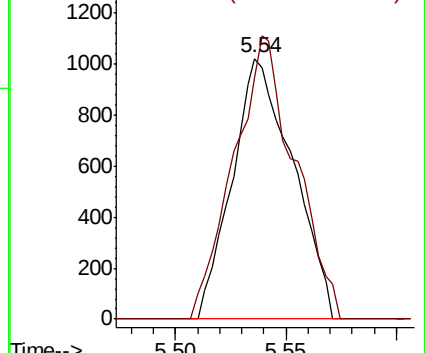
117 100

119 109.6 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.601 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041114.D

Acq: 05 Nov 2020 18:58

Tgt Ion: 95 Resp: 2492

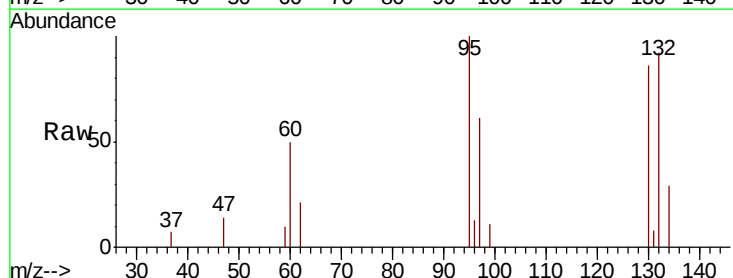
Ion Ratio Lower Upper

95 100

97 61.3 45.6 84.6

132 92.1 64.8 120.4

130 86.4 64.8 120.4

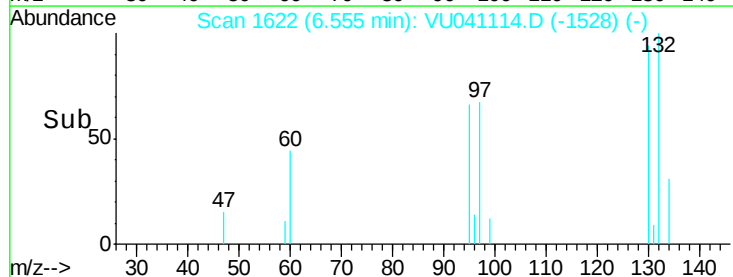
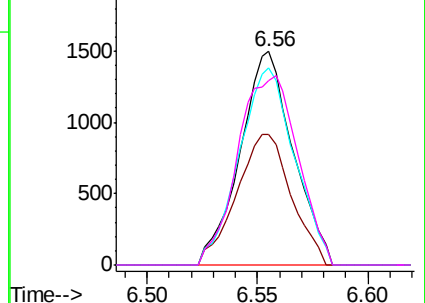


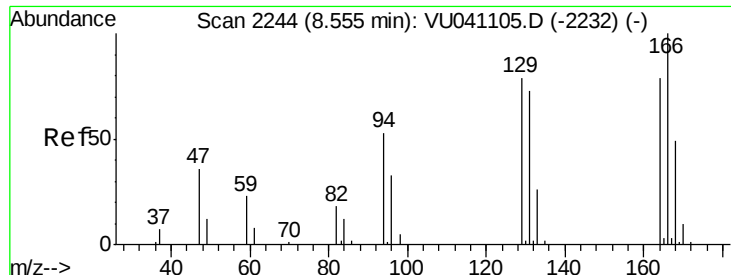
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0





#47

Tetrachloroethene

Concen: 24.624 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041114.D

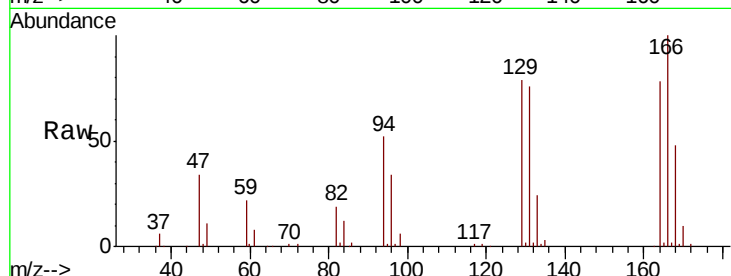
Acq: 05 Nov 2020 18:58

Instrument :

MSVOA_U

ClientSampleId :

C0AB0



Tot Ion:164 Resp: 75043

Ion Ratio Lower Upper

164 100

129 100.3 70.3 130.7

131 96.5 70.8 131.4

166 127.7 92.0 170.8

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

