

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121420\
 Data File : VU041616.D
 Acq On : 14 Dec 2020 17:26
 Operator : SY/MD
 Sample : L5027-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J5

Quant Time: Dec 15 01:32:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 15 00:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120016	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52857	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30758	3.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.60%
7) Chloroethane-d5	1.92	69	30317	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.58	63	53112	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.66	46	148903	55.25	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.50%
24) Chloroform-d	5.08	84	78479	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	44746	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.74	84	158918	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.70	67	50947	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.91	98	130482	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	20877	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.64	63	112873	43.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48408	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	49547	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

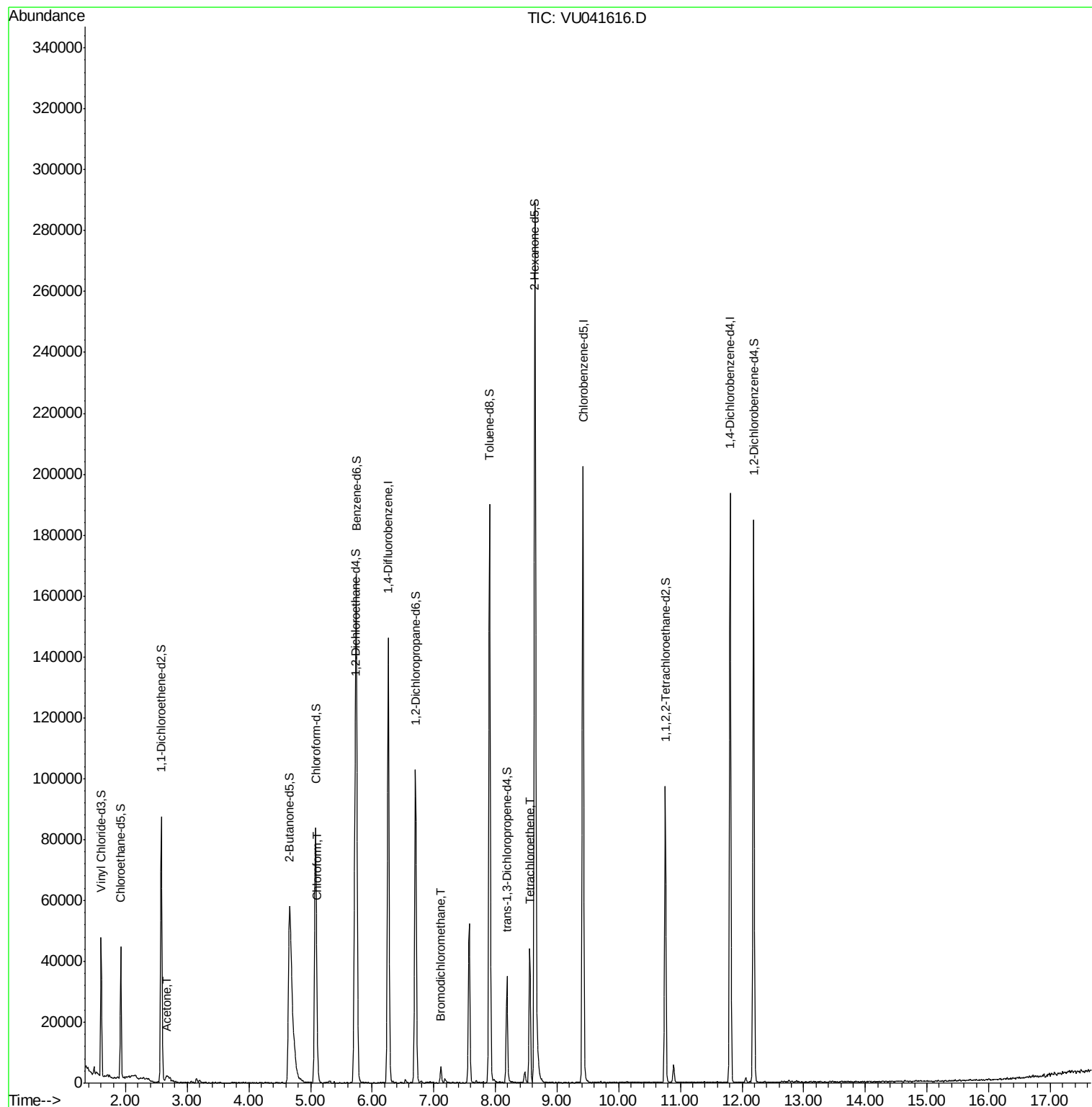
					Ovalue
13) Acetone	2.66	43	3898	2.274 ug/L	52
25) Chloroform	5.11	83	8624	0.544 ug/L	98
38) Bromodichloromethane	7.11	83	4059	0.338 ug/L	92
47) Tetrachloroethene	8.56	164	9832	1.481 ug/L	96

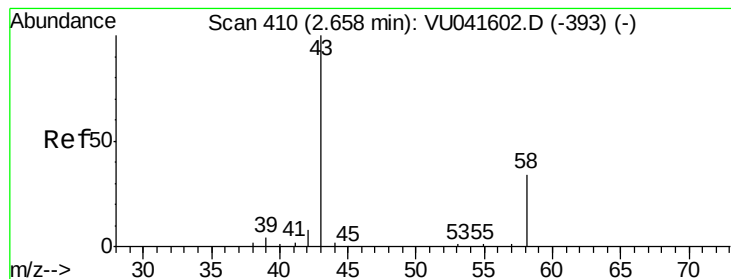
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.274 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

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Acq: 14 Dec 2020 17:26

Instrument :

MSVOA_U

ClientSampleId :

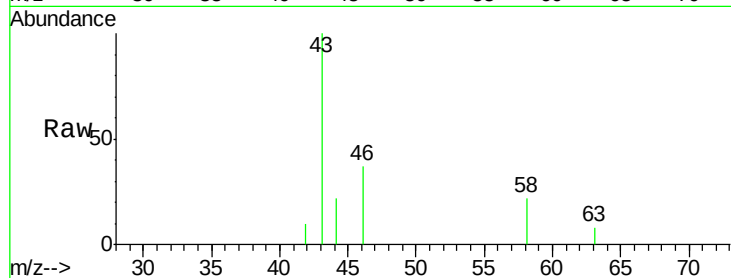
GB1J5

Tot Ion: 43 Resp: 3898

Ion Ratio Lower Upper

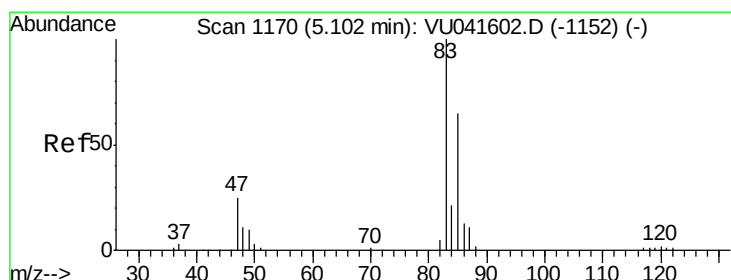
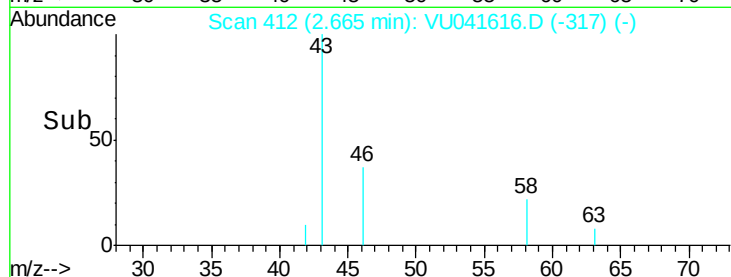
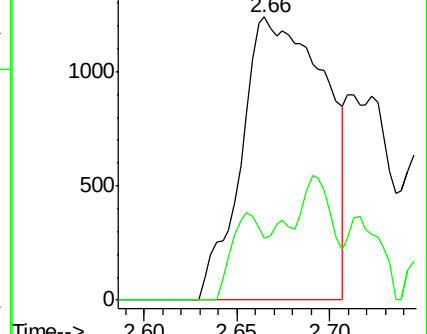
43 100

58 7.9 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.544 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU041616.D

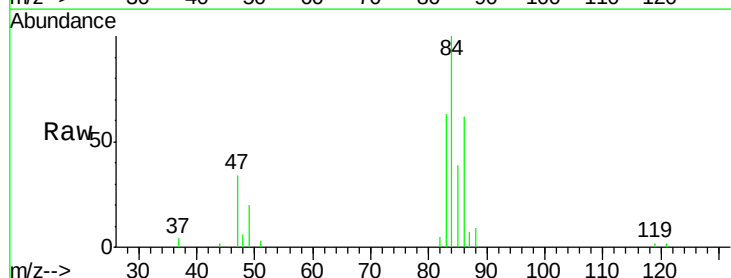
Acq: 14 Dec 2020 17:26

Tgt Ion: 83 Resp: 8624

Ion Ratio Lower Upper

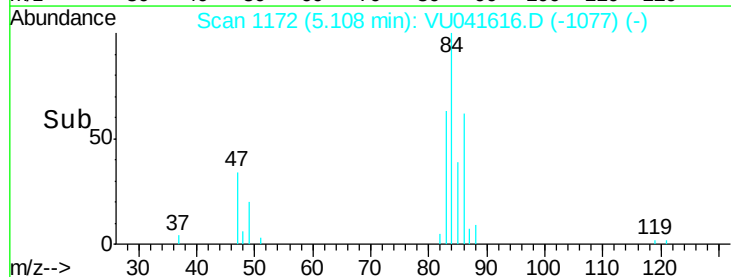
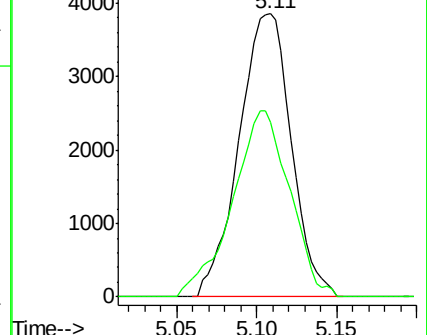
83 100

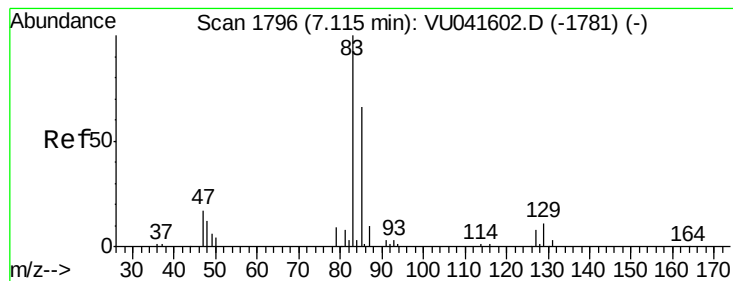
85 61.7 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#38

Bromodichloromethane

Concen: 0.338 ug/L

RT: 7.11 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VU041616.D

Acq: 14 Dec 2020 17:26

Instrument :

MSVOA_U

ClientSampleId :

GB1J5

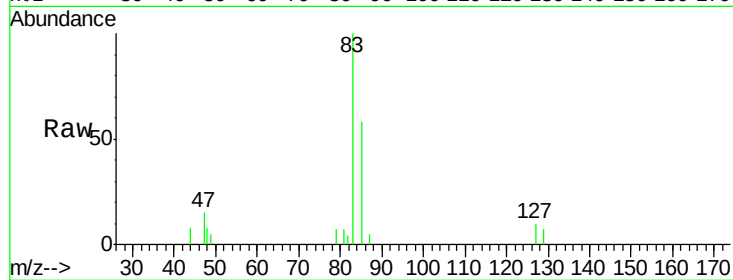
Tot Ion: 83 Resp: 4059

Ion Ratio Lower Upper

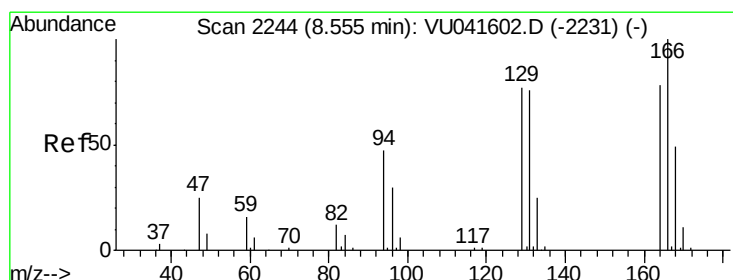
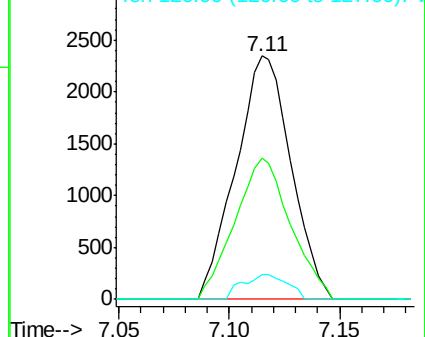
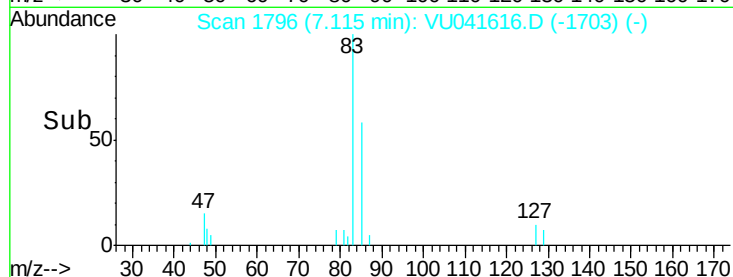
83 100

85 58.1 45.5 84.5

127 10.2 7.0 10.6



Abundance Ion 82.95 (82.65 to 83.65): VU041616.D (-1703) (-)



#47

Tetrachloroethene

Concen: 1.481 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041616.D

Acq: 14 Dec 2020 17:26

Tgt Ion: 164 Resp: 9832

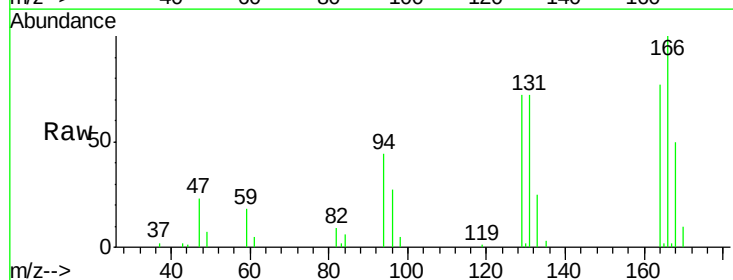
Ion Ratio Lower Upper

164 100

129 94.3 72.2 134.0

131 93.9 66.9 124.3

166 130.2 89.6 166.4



Abundance Ion 163.90 (163.60 to 164.60): VU041616.D (-2151) (-)

