

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072020\
 Data File : VU039571.D
 Acq On : 20 Jul 2020 15:38
 Operator : SY/MD
 Sample : L3346-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C14

Quant Time: Jul 21 06:41:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 06:02:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	106710	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47857	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.93	69	21639	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.40%
11) 1,1-Dichloroethene-d2	2.58	63	12746	1.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	21.00%#
20) 2-Butanone-d5	4.66	46	109702	38.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.54%
24) Chloroform-d	5.09	84	57628	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	35228	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.75	84	101652	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.71	67	35246	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.91	98	6900	0.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	6.40%#
43) trans-1,3-Dichloropropene-	8.19	79	3466	0.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	18.00%#
46) 2-Hexanone-d5	8.64	63	78133	34.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.76%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31588	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	37044	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

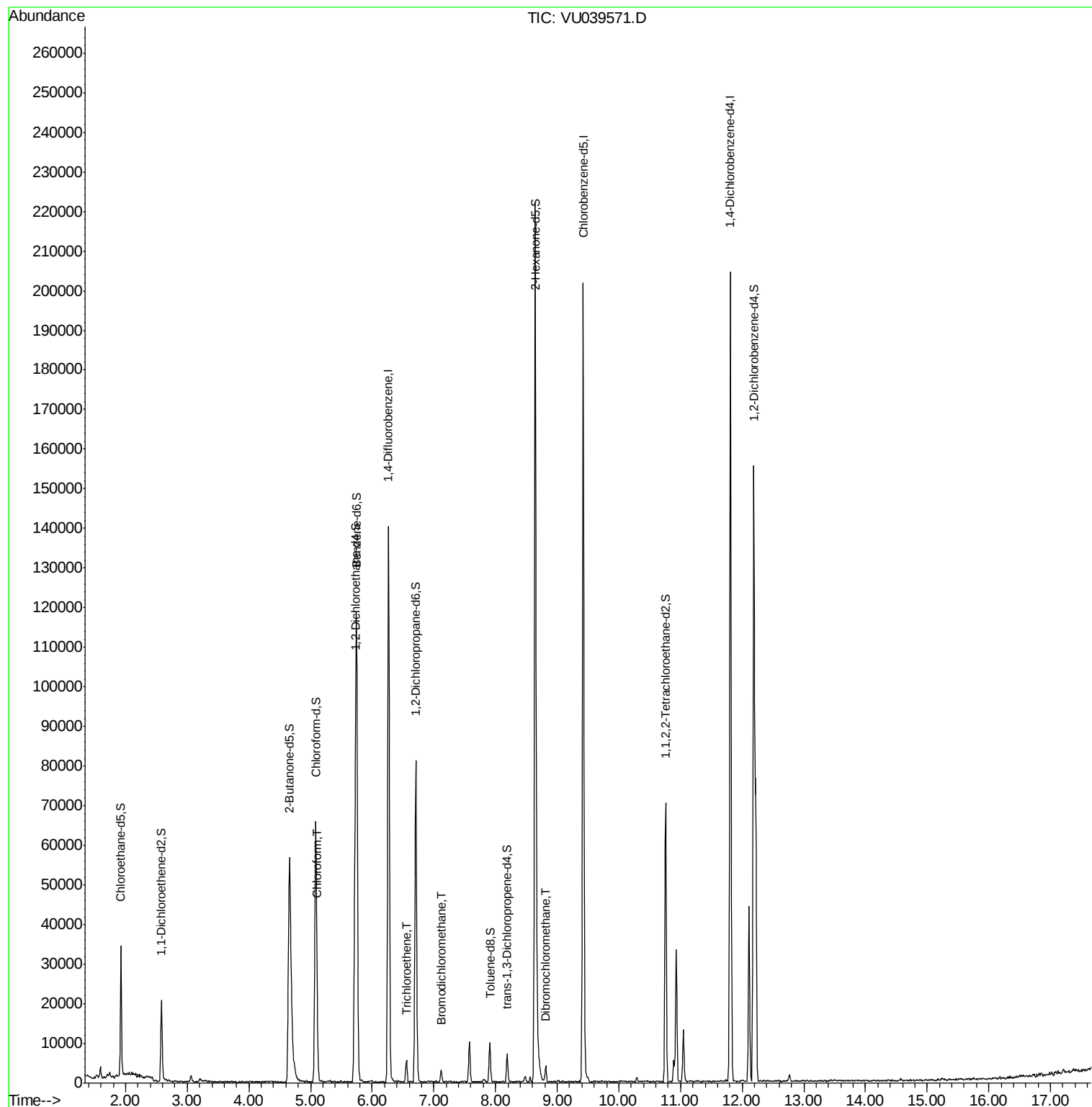
Target Compounds					Ovalue
25) Chloroform	5.11	83	2770	0.200 ug/L	96
34) Trichloroethene	6.56	95	1647	0.208 ug/L	89
38) Bromodichloromethane	7.12	83	1960	0.184 ug/L #	97
49) Dibromochloromethane	8.81	129	1843	0.253 ug/L	78

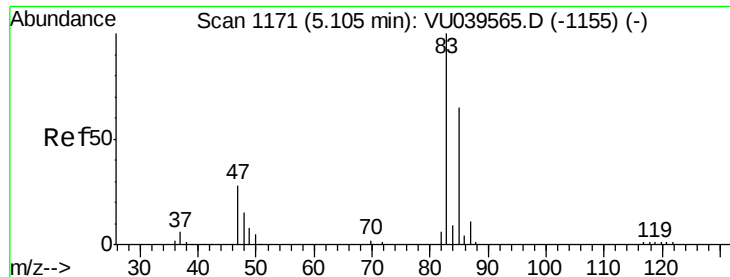
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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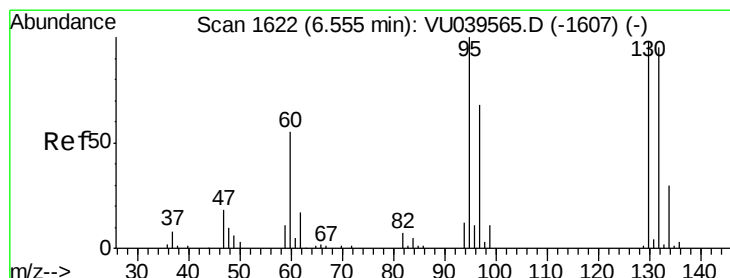
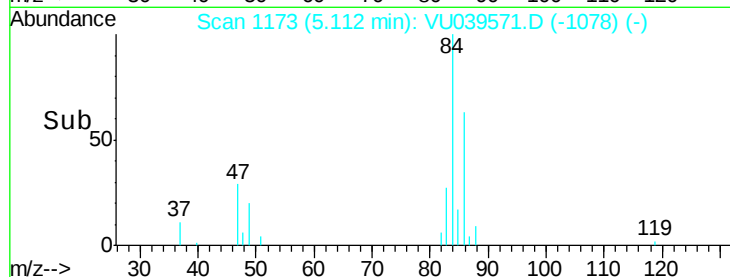
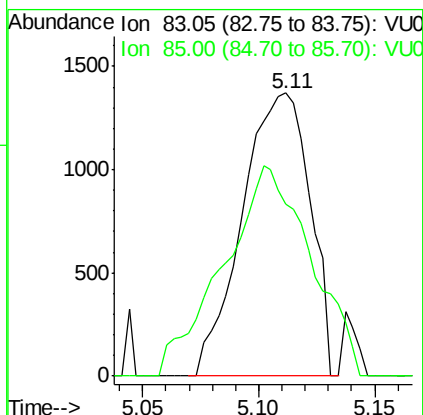
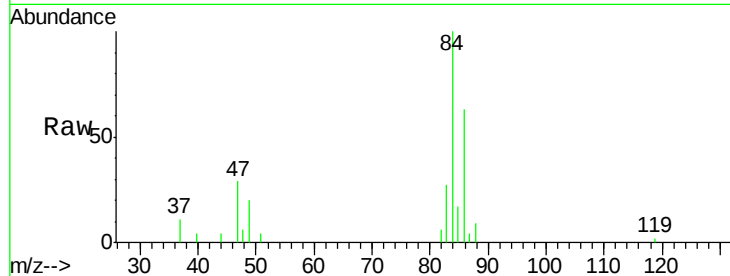




#25
Chloroform
Concen: 0.200 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039571.D
Acq: 20 Jul 2020 15:38

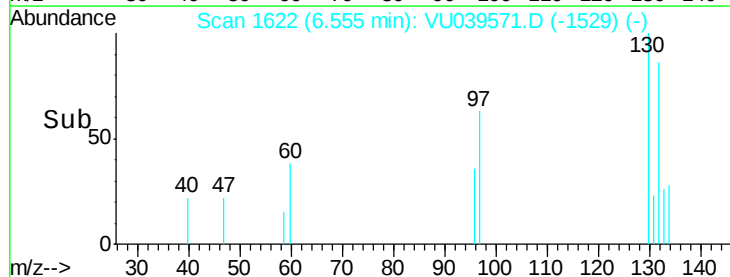
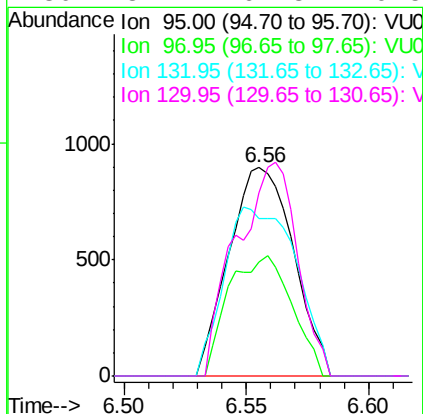
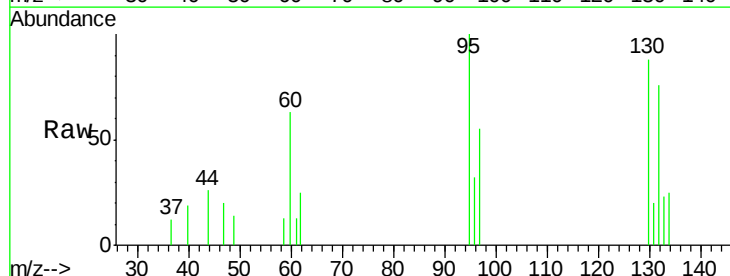
Instrument :
MSVOA_U
ClientSampled :
F4C14

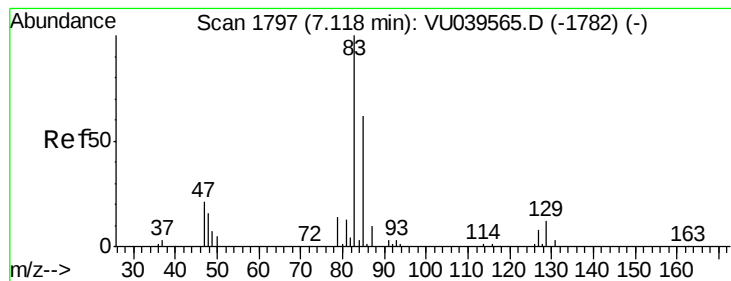
Tot Ion: 83 Resp: 2770
Ion Ratio Lower Upper
83 100
85 60.9 44.9 83.5



#34
Trichloroethene
Concen: 0.208 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. -0.00 min
Lab File: VU039571.D
Acq: 20 Jul 2020 15:38

Tgt Ion: 95 Resp: 1647
Ion Ratio Lower Upper
95 100
97 55.0 46.3 85.9
132 75.8 64.0 118.8
130 87.7 64.3 119.5





#38

Bromodichloromethane

Concen: 0.184 ug/L

RT: 7.12 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VU039571.D

Acq: 20 Jul 2020 15:38

Instrument :

MSVOA_U

ClientSampleId :

F4C14

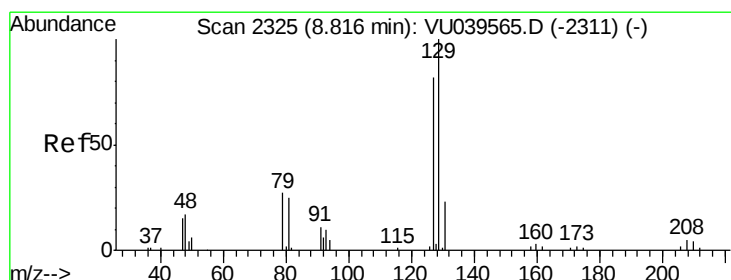
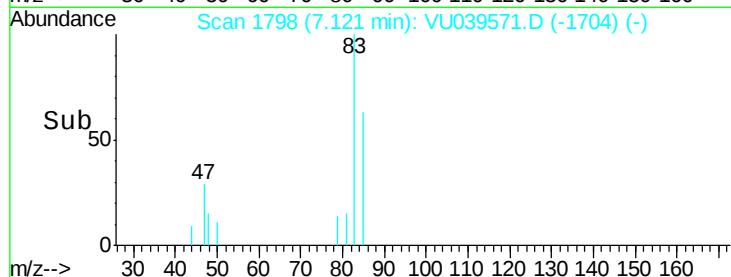
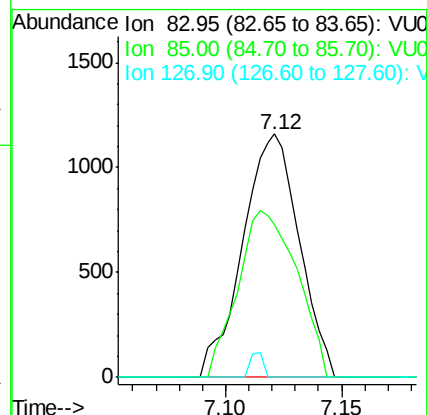
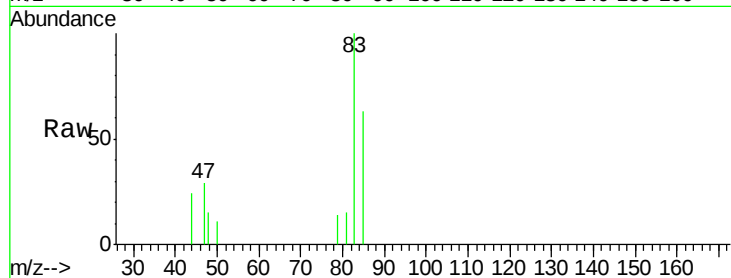
Tot Ion: 83 Resp: 1960

Ion Ratio Lower Upper

83 100

85 62.6 44.0 81.6

127 0.0 6.2 9.4#



#49

Dibromochloromethane

Concen: 0.253 ug/L

RT: 8.81 min Scan# 2324

Delta R.T. -0.00 min

Lab File: VU039571.D

Acq: 20 Jul 2020 15:38

Tgt Ion: 129 Resp: 1843

Ion Ratio Lower Upper

129 100

127 60.1 55.4 102.8

