

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039525.D
 Acq On : 16 Jul 2020 15:42
 Operator : SY/MD
 Sample : L3292-06DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT81DL

Quant Time: Jul 17 02:21:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	94282	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	90848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21584	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.92	69	29436	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.58	63	34791	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.65	46	108511	43.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.80%
24) Chloroform-d	5.09	84	50034	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.72	65	33313	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.74	84	97963	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.71	67	34478	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.91	98	86051	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.19	79	12627	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.64	63	78750	39.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.24%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31192	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	34459	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

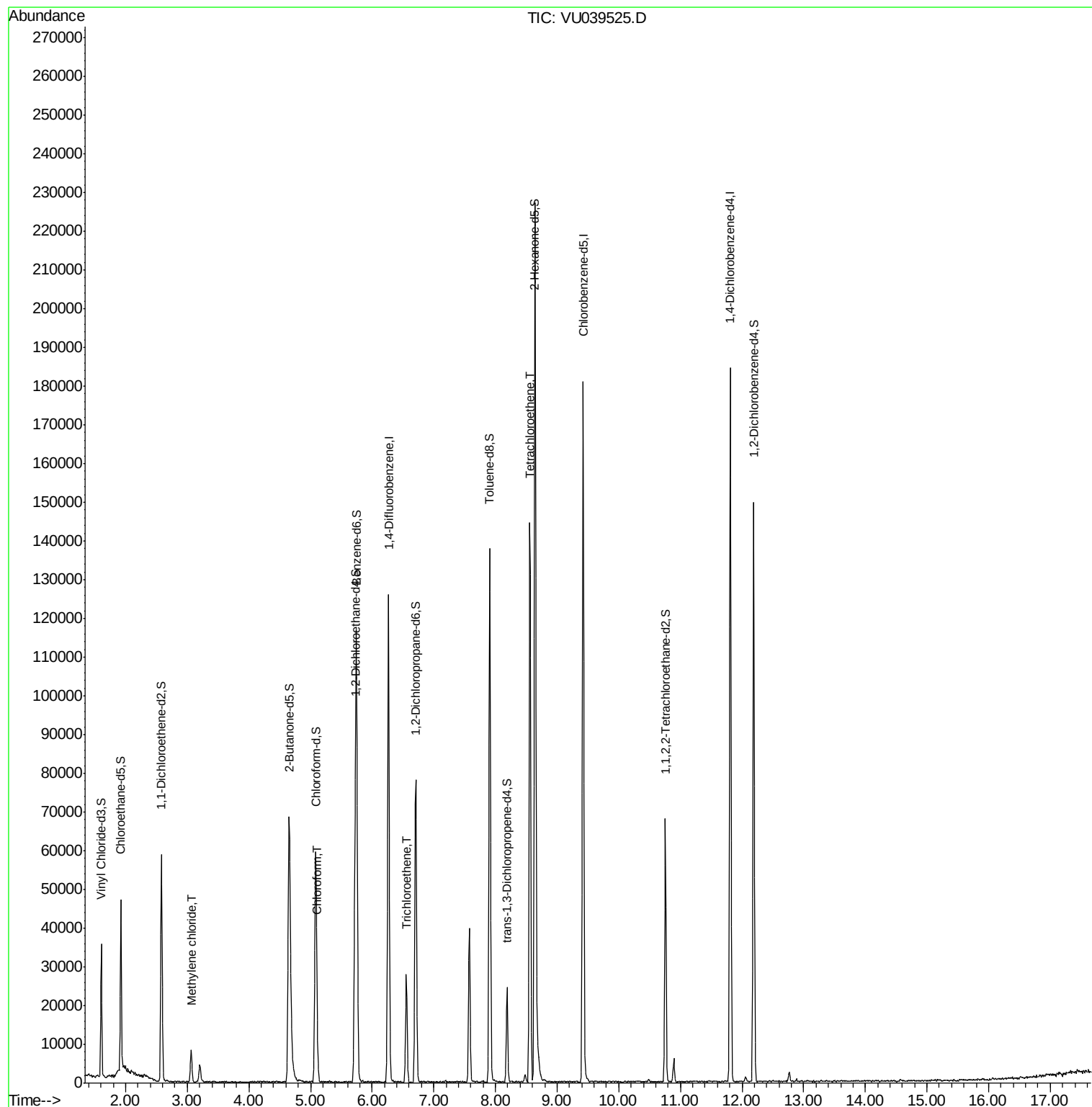
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	3492	0.495	ug/L	85
25) Chloroform	5.11	83	3685	0.300	ug/L	92
34) Trichloroethene	6.56	95	8850	1.260	ug/L	92
47) Tetrachloroethene	8.56	164	27070	5.542	ug/L	96

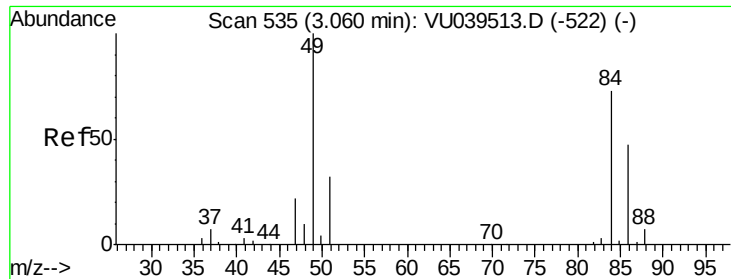
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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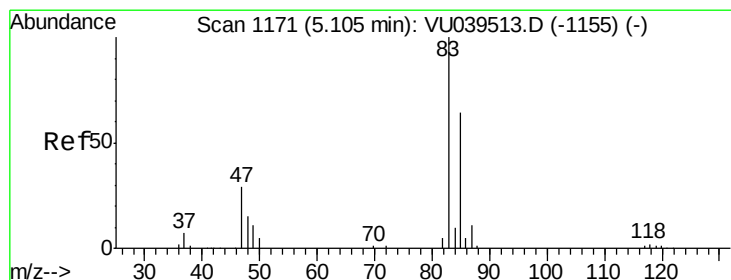
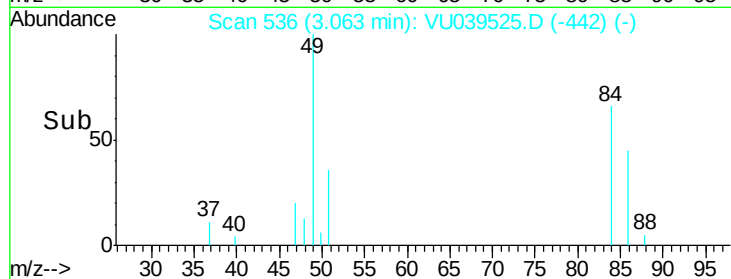
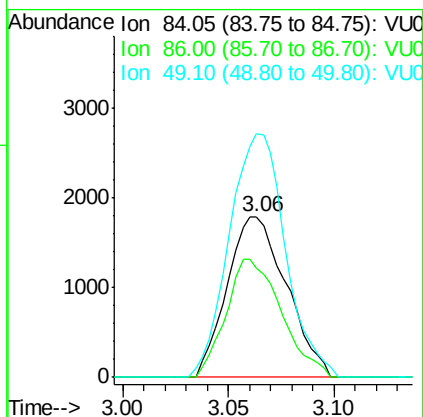
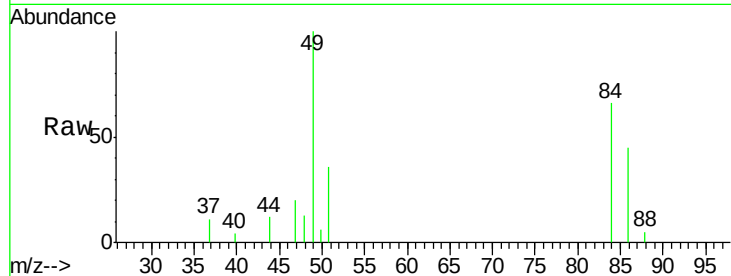




#16
Methylene chloride
Concen: 0.495 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039525.D
Acq: 16 Jul 2020 15:42

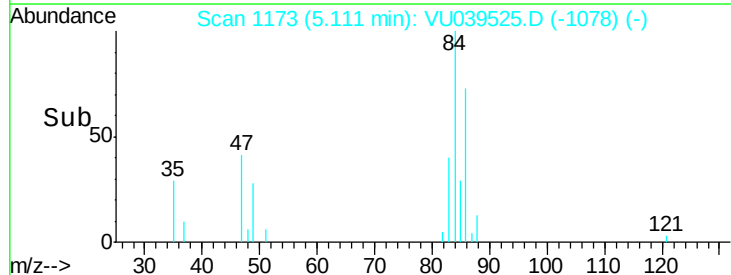
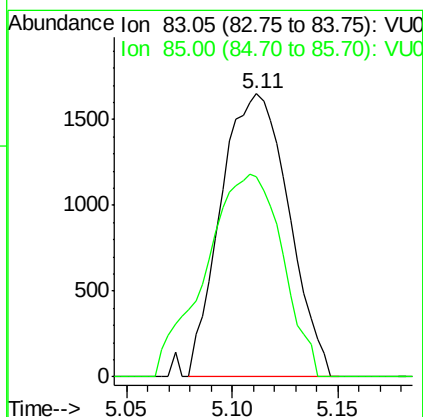
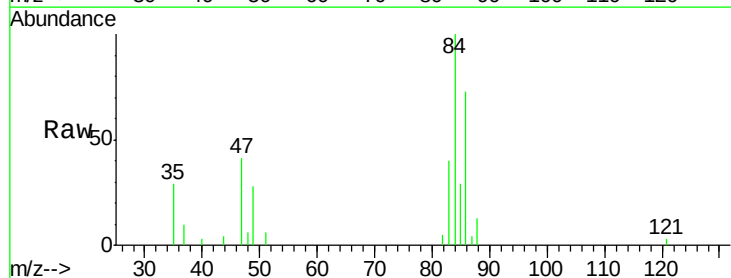
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MSVOA_U
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BFT81DL

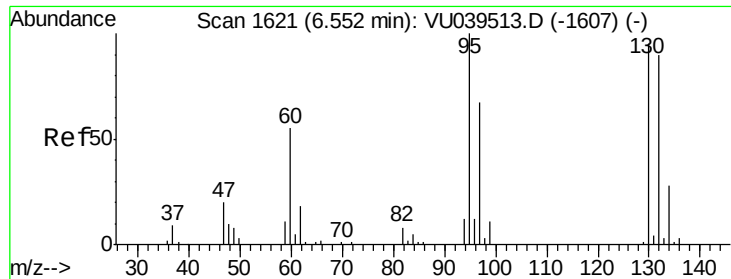
Tot Ion: 84 Resp: 3492
Ion Ratio Lower Upper
84 100
86 67.7 43.5 80.9
49 151.3 91.1 169.1



#25
Chloroform
Concen: 0.300 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039525.D
Acq: 16 Jul 2020 15:42

Tgt Ion: 83 Resp: 3685
Ion Ratio Lower Upper
83 100
85 70.8 44.9 83.5





#34

Trichloroethene

Concen: 1.260 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039525.D

Acq: 16 Jul 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

BFT81DL

Tot Ion: 95 Resp: 8850

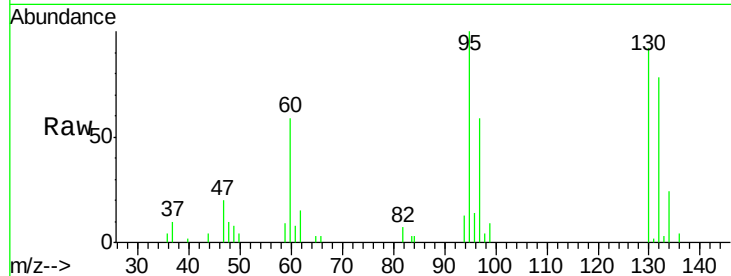
Ion Ratio Lower Upper

95 100

97 59.1 46.3 85.9

132 78.0 64.0 118.8

130 91.7 64.3 119.5

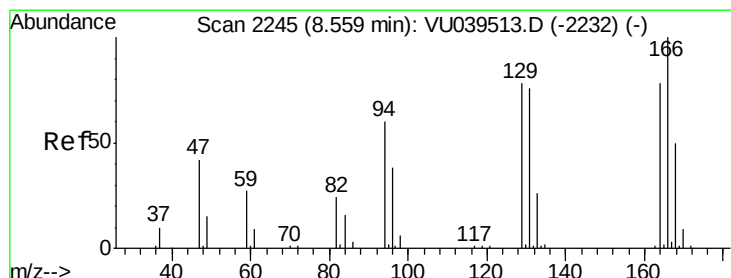
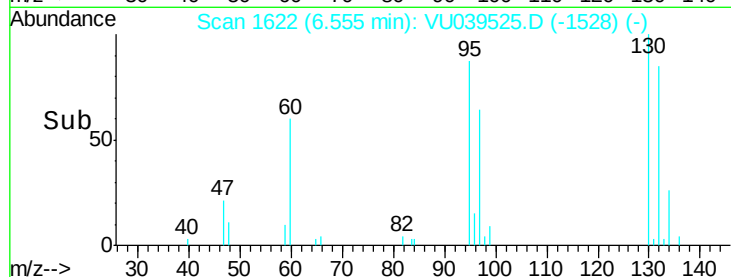
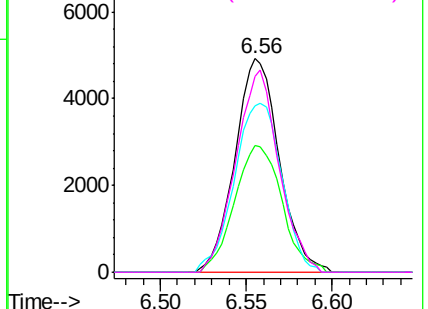


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.542 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039525.D

Acq: 16 Jul 2020 15:42

Tgt Ion: 164 Resp: 27070

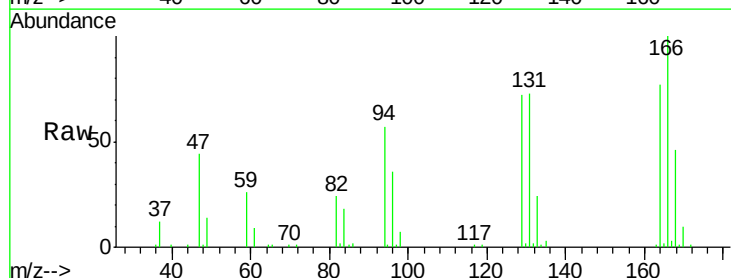
Ion Ratio Lower Upper

164 100

129 93.3 68.6 127.4

131 94.9 66.4 123.4

166 130.2 85.9 159.5



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

