

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039527.D
 Acq On : 16 Jul 2020 16:28
 Operator : SY/MD
 Sample : L3292-08 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT84

Quant Time: Jul 17 02:42:10 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	92668	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41440	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18912	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.92	69	28663	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	32093	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.65	46	102444	41.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.38%
24) Chloroform-d	5.08	84	49612	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.72	65	32615	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.74	84	95879	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.71	67	32736	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.91	98	82003	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	12621	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.64	63	73427	36.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.70%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28620	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	32727	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

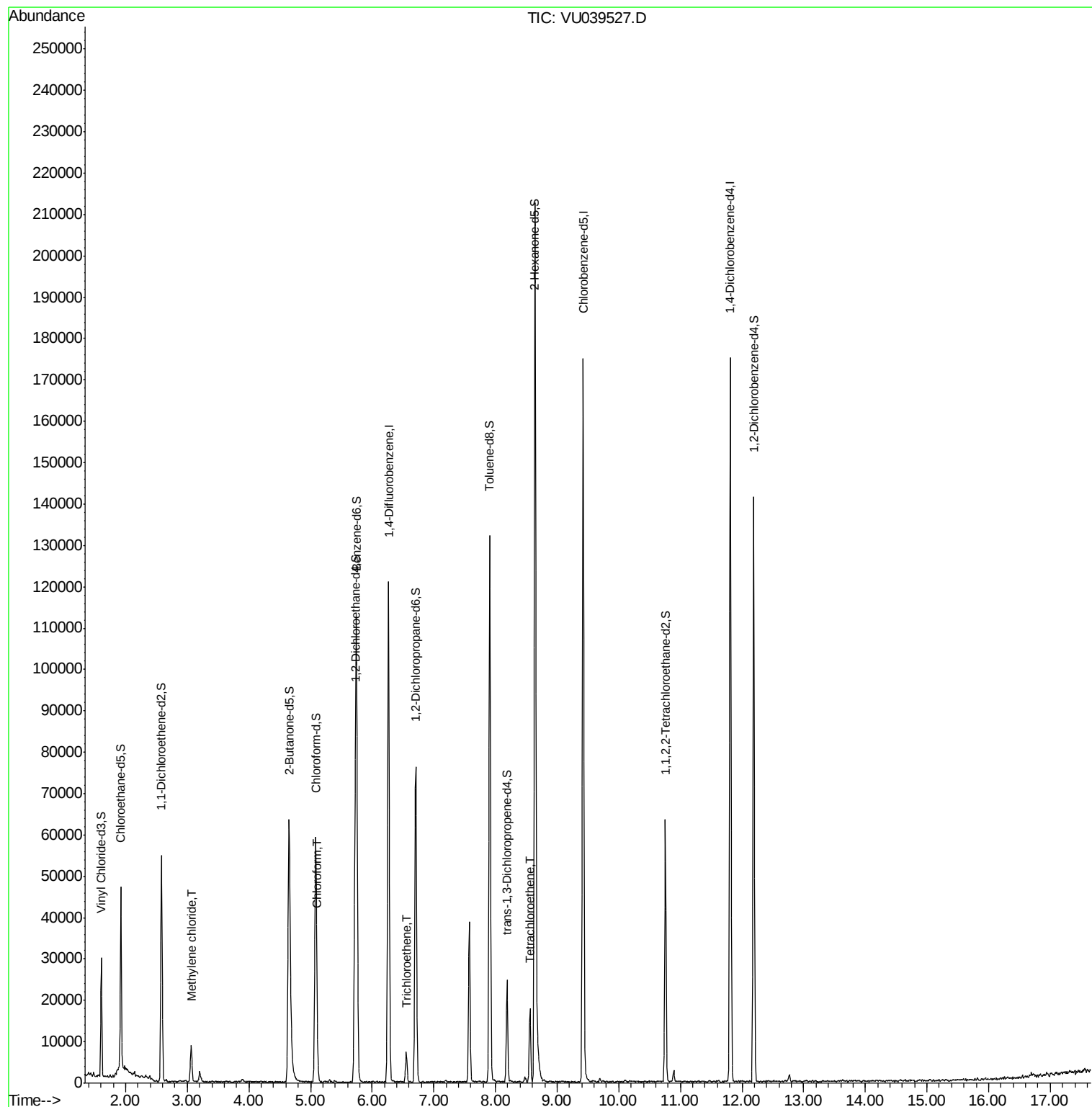
					Ovalue
16) Methylene chloride	3.06	84	3829	0.552 ug/L	95
25) Chloroform	5.11	83	3422	0.284 ug/L	90
34) Trichloroethene	6.56	95	2242	0.323 ug/L	87
47) Tetrachloroethene	8.56	164	3413	0.706 ug/L	92

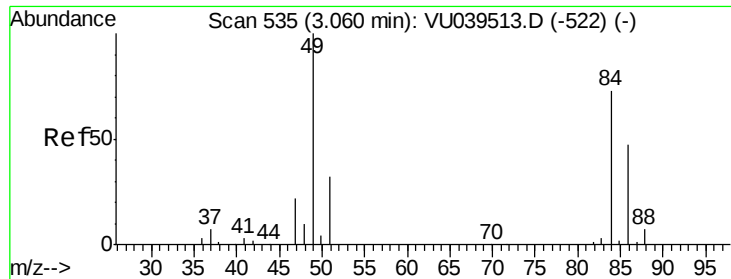
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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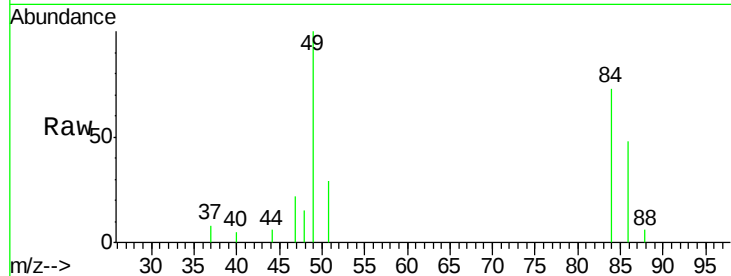




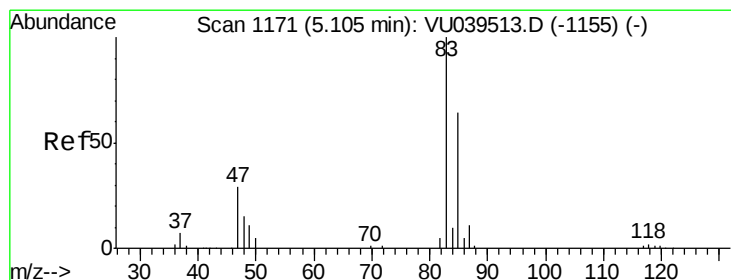
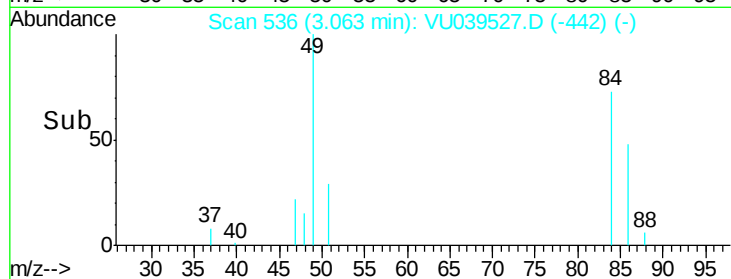
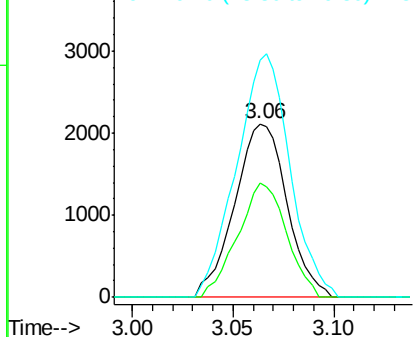
#16
Methvlene chloride
Concen: 0.552 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039527.D
Acq: 16 Jul 2020 16:28

Instrument :
MSVOA_U
ClientSampleId :
BFT84

Tot Ion: 84 Resp: 3829
Ion Ratio Lower Upper
84 100
86 65.6 43.5 80.9
49 136.7 91.1 169.1

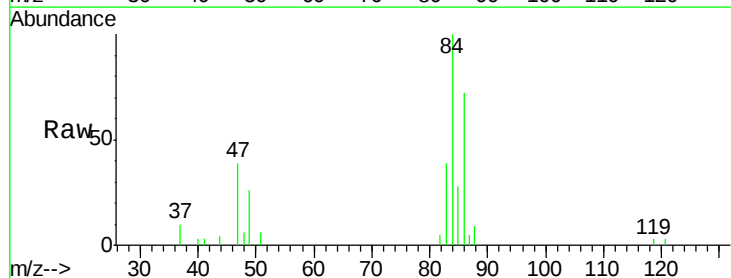


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

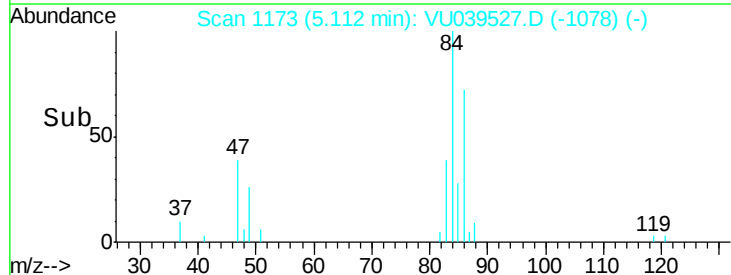
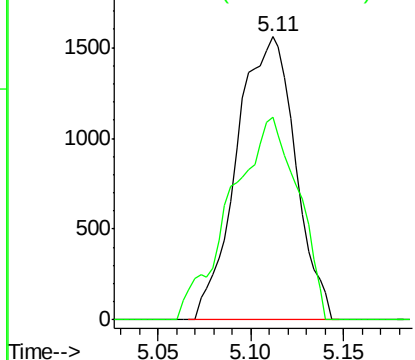


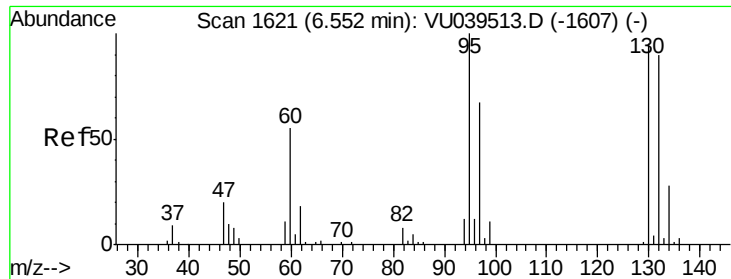
#25
Chloroform
Concen: 0.284 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039527.D
Acq: 16 Jul 2020 16:28

Tgt Ion: 83 Resp: 3422
Ion Ratio Lower Upper
83 100
85 71.6 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.323 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU039527.D

Acq: 16 Jul 2020 16:28

Instrument :

MSVOA_U

ClientSampleId :

BFT84

Tot Ion: 95 Resp: 2242

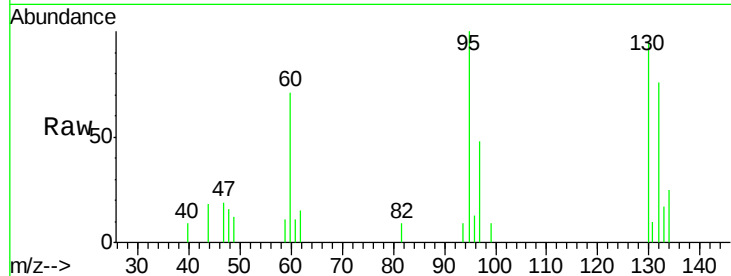
Ion Ratio Lower Upper

95 100

97 47.5 46.3 85.9

132 76.0 64.0 118.8

130 95.4 64.3 119.5

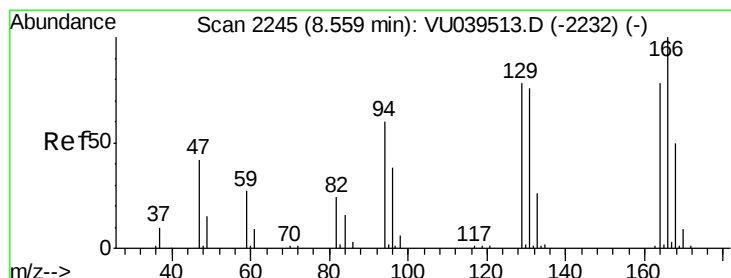
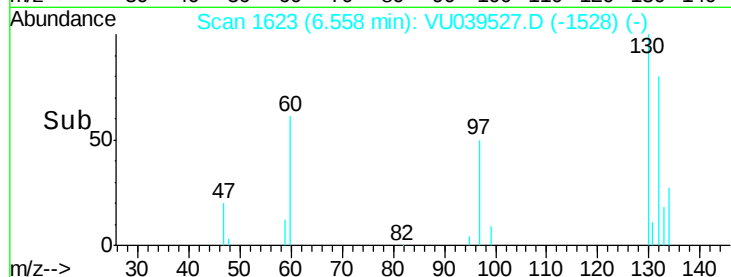
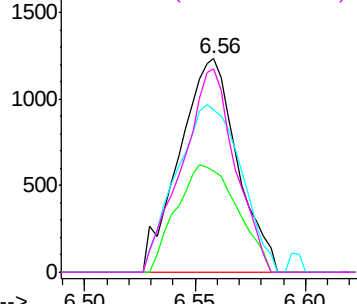


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.706 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU039527.D

Acq: 16 Jul 2020 16:28

Tgt Ion: 164 Resp: 3413

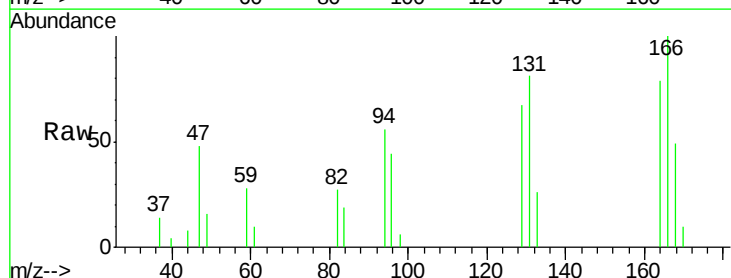
Ion Ratio Lower Upper

164 100

129 84.9 68.6 127.4

131 101.9 66.4 123.4

166 126.4 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

