

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039492.D
 Acq On : 14 Jul 2020 18:11
 Operator : SY/MD
 Sample : L3292-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT89

Quant Time: Jul 15 07:36:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	93989	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	88482	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41291	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23800	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	24780	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.58	63	38111	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.66	46	116574	46.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	5.09	84	50347	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.72	65	34941	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.75	84	105098	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.71	67	34994	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.91	98	91576	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.19	79	14363	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	83961	42.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.66%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32833	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	36784	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

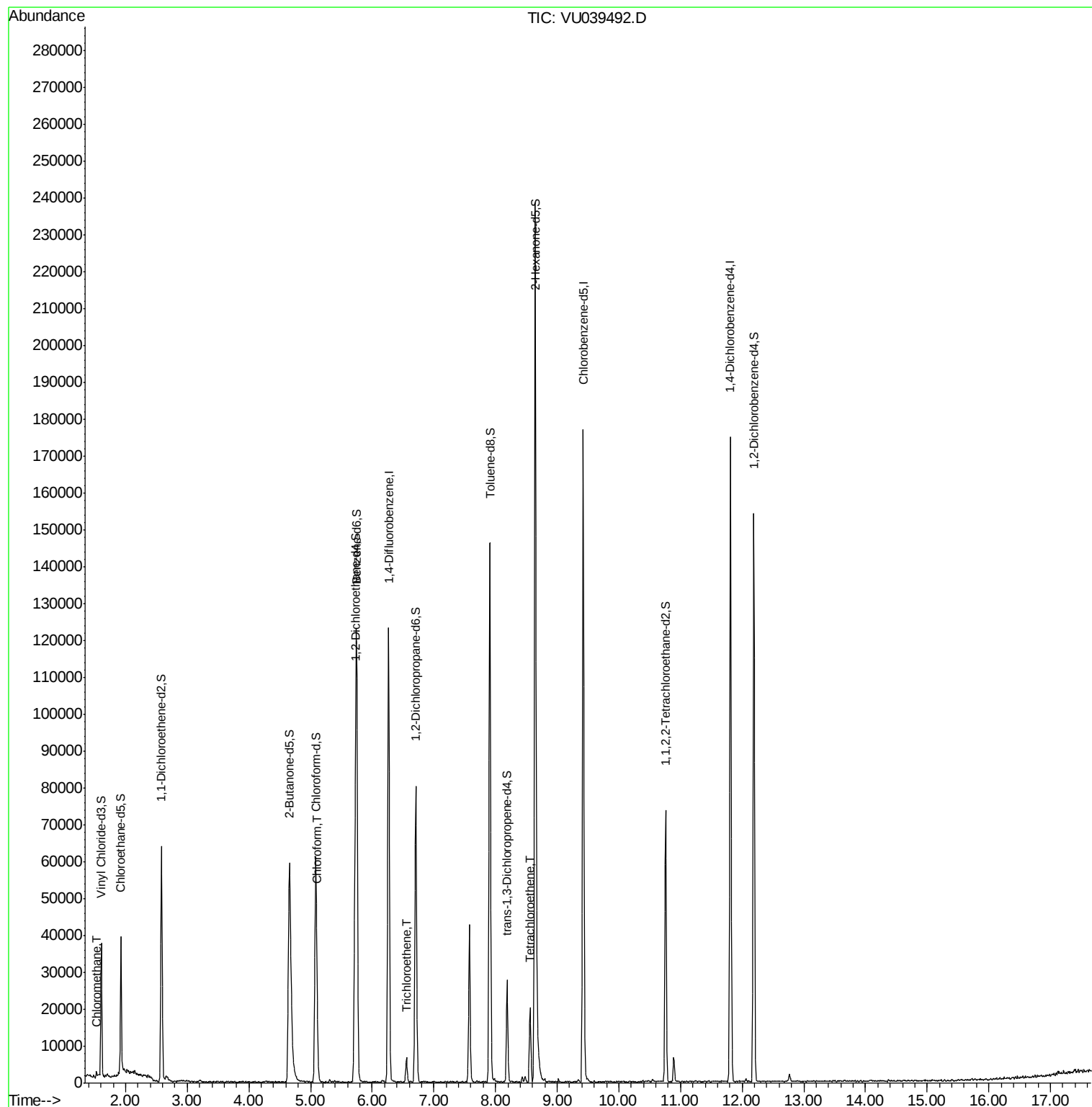
Target Compounds					Ovalue
3) Chloromethane	1.53	50	951	0.138 ug/L	100
25) Chloroform	5.11	83	5708	0.467 ug/L	97
34) Trichloroethene	6.56	95	1802	0.263 ug/L #	76
47) Tetrachloroethene	8.56	164	3826	0.804 ug/L	89

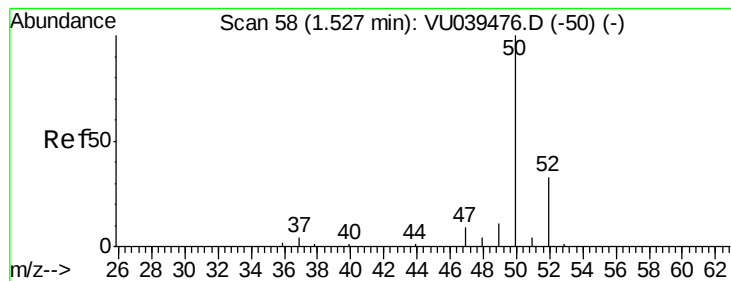
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.138 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

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Acq: 14 Jul 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

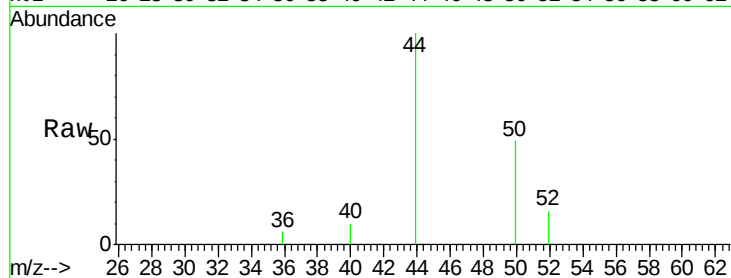
BFT89

Tot Ion: 50 Resp: 951

Ion Ratio Lower Upper

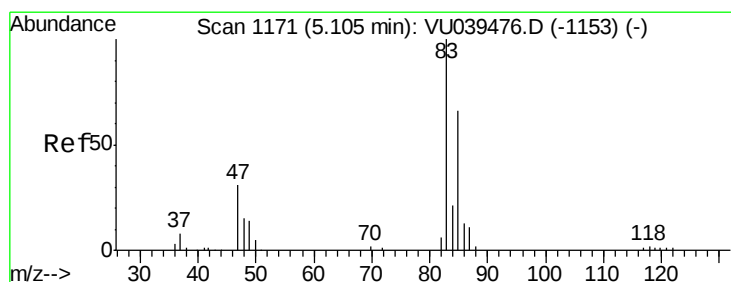
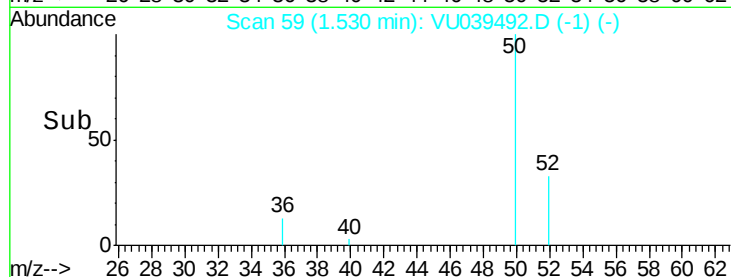
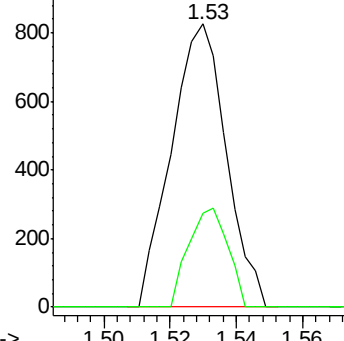
50 100

52 33.2 23.0 42.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#25

Chloroform

Concen: 0.467 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039492.D

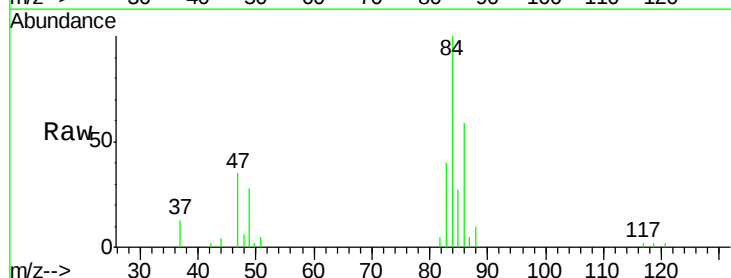
Acq: 14 Jul 2020 18:11

Tgt Ion: 83 Resp: 5708

Ion Ratio Lower Upper

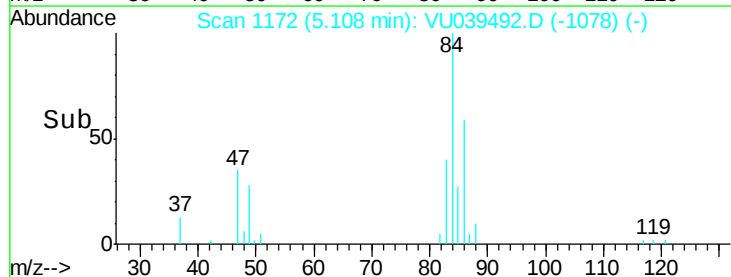
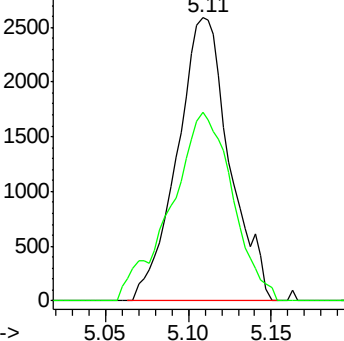
83 100

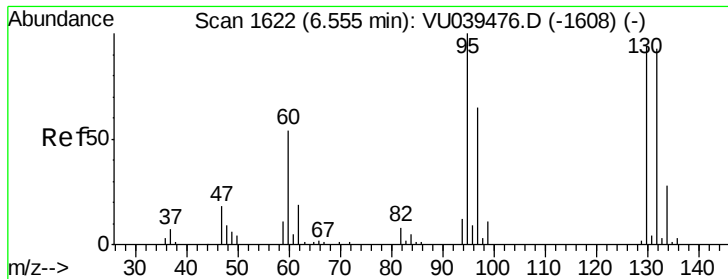
85 66.6 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.263 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.00 min

Lab File: VU039492.D

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Instrument :

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ClientSampleId :

BFT89

Tot Ion: 95 Resp: 1802

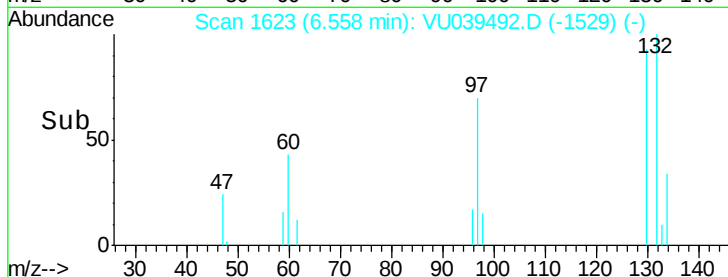
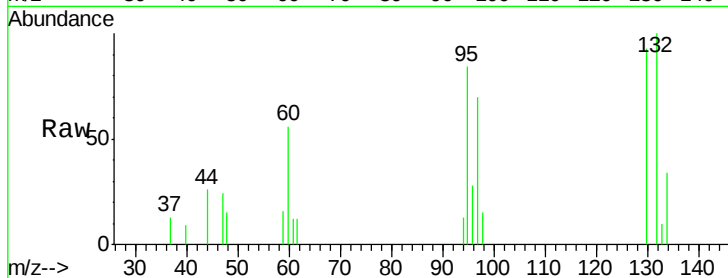
Ion Ratio Lower Upper

95 100

97 82.9 46.3 85.9

132 119.2 64.0 118.8#

130 110.9 64.3 119.5

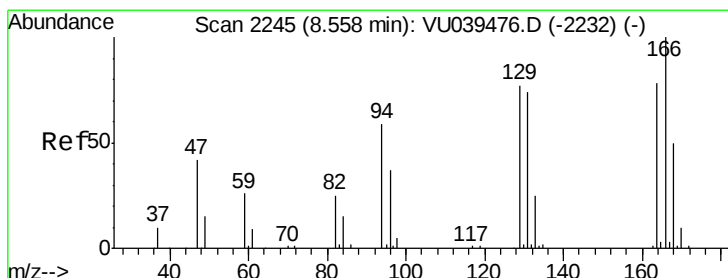
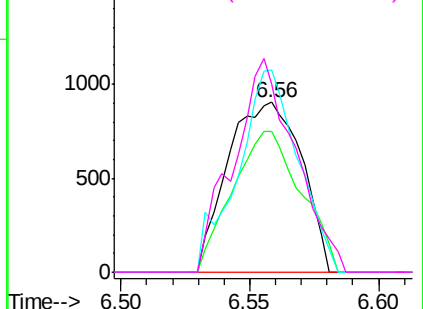


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.804 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039492.D

Acq: 14 Jul 2020 18:11

Tgt Ion: 164 Resp: 3826

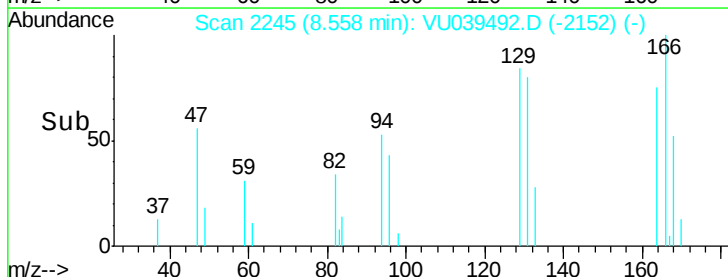
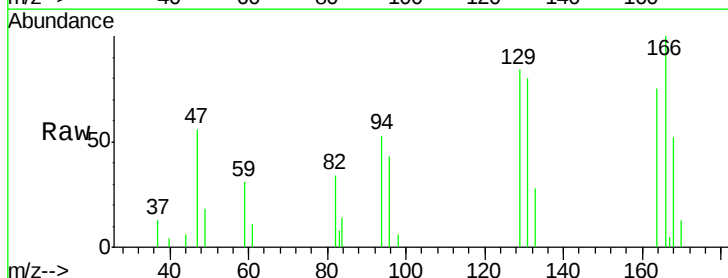
Ion Ratio Lower Upper

164 100

129 111.9 68.6 127.4

131 106.2 66.4 123.4

166 132.7 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

