

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039169.D
 Acq On : 26 Jun 2020 16:58
 Operator : SY/MD
 Sample : L3121-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F08

Quant Time: Jun 27 01:44:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	240426	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246225	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	105509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	62490	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.93	69	65024	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.59	63	103087	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.68	46	312377	49.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.32%
24) Chloroform-d	5.10	84	155501	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.74	65	97825	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.76	84	283281	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.72	67	98358	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.92	98	217402	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	8.20	79	36154	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.66	63	249418	48.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	89016	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	90084	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

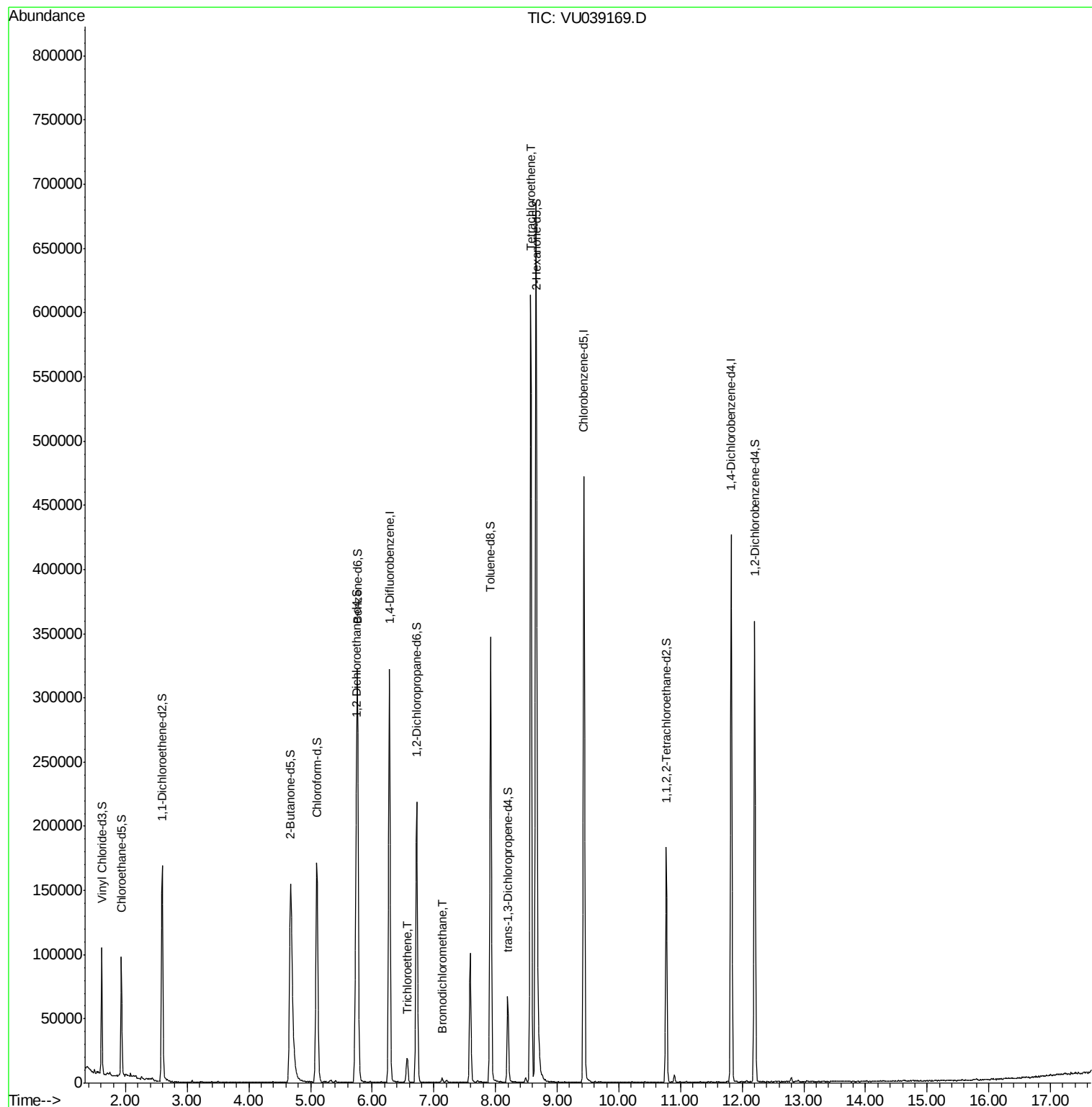
					Ovalue
34) Trichloroethene	6.57	95	4644	0.248 ug/L	96
38) Bromodichloromethane	7.13	83	2439	0.093 ug/L #	84
47) Tetrachloroethene	8.57	164	125757	9.324 ug/L	99

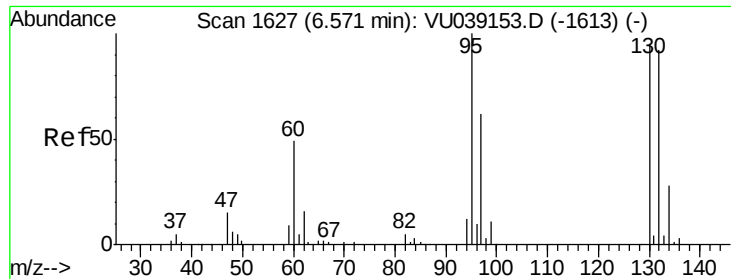
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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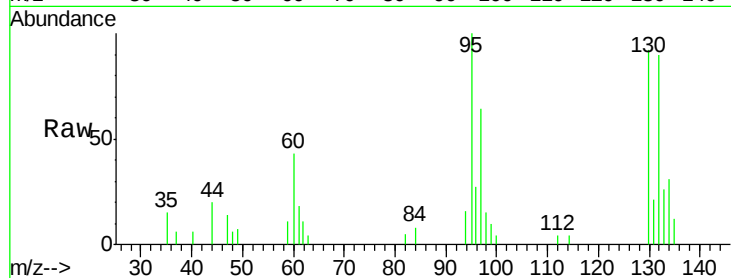




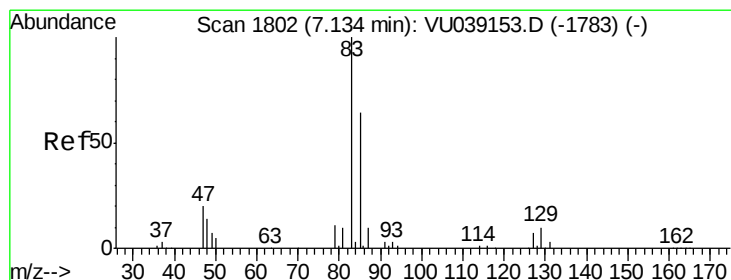
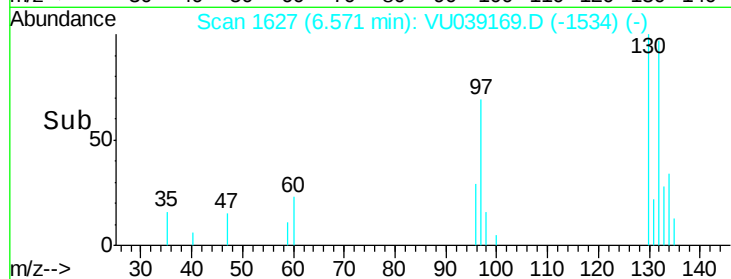
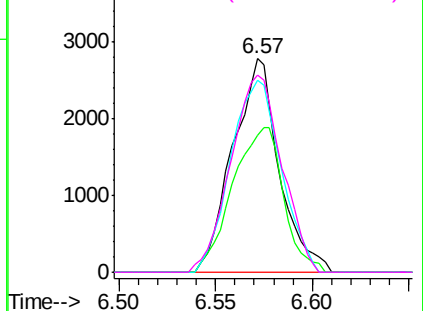
#34
 Trichloroethene
 Concen: 0.248 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU039169.D
 Acq: 26 Jun 2020 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F08

Tot Ion: 95 Resp: 4644
 Ion Ratio Lower Upper
 95 100
 97 63.9 45.1 83.7
 132 89.8 65.1 120.9
 130 92.4 68.6 127.4

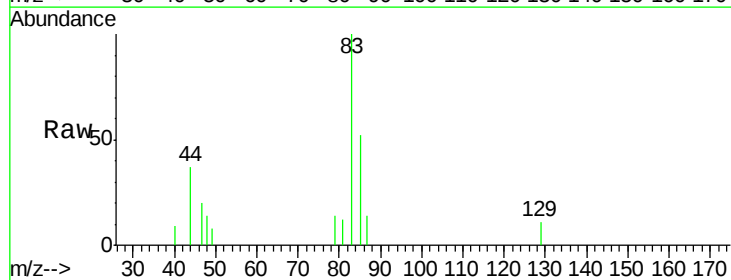


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

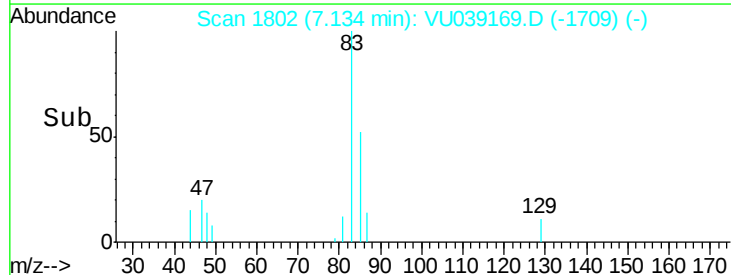
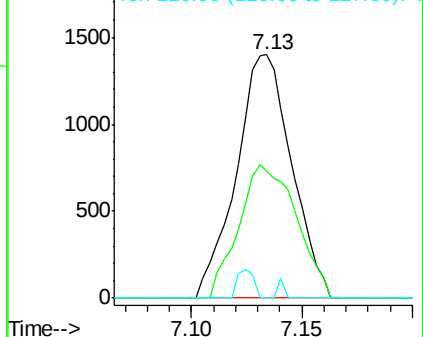


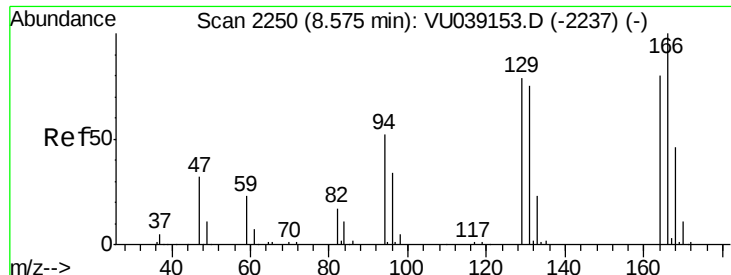
#38
 Bromodichloromethane
 Concen: 0.093 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU039169.D
 Acq: 26 Jun 2020 16:58

Tgt Ion: 83 Resp: 2439
 Ion Ratio Lower Upper
 83 100
 85 52.0 44.9 83.3
 127 0.0 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 126.90 (126.60 to 127.60): V





#47

Tetrachloroethene

Concen: 9.324 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039169.D

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Tot Ion:164 Resp: 125757

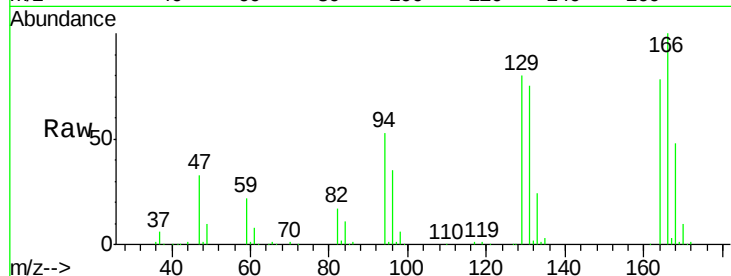
Ion Ratio Lower Upper

164 100

129 102.5 71.3 132.5

131 96.9 68.3 126.8

166 128.5 90.8 168.6



Abundance Ion 163.90 (163.60 to 164.60): V

150000 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

