

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039166.D
 Acq On : 26 Jun 2020 15:49
 Operator : SY/MD
 Sample : L3121-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F43

Quant Time: Jun 27 01:05:25 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	224073	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	227902	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	99309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64579	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.93	69	63632	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.59	63	104263	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.67	46	314125	53.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.10%
24) Chloroform-d	5.10	84	164367	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.74	65	99356	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.76	84	285764	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.72	67	98689	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.92	98	217501	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.20	79	38412	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.66	63	241124	50.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	85910	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	91400	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

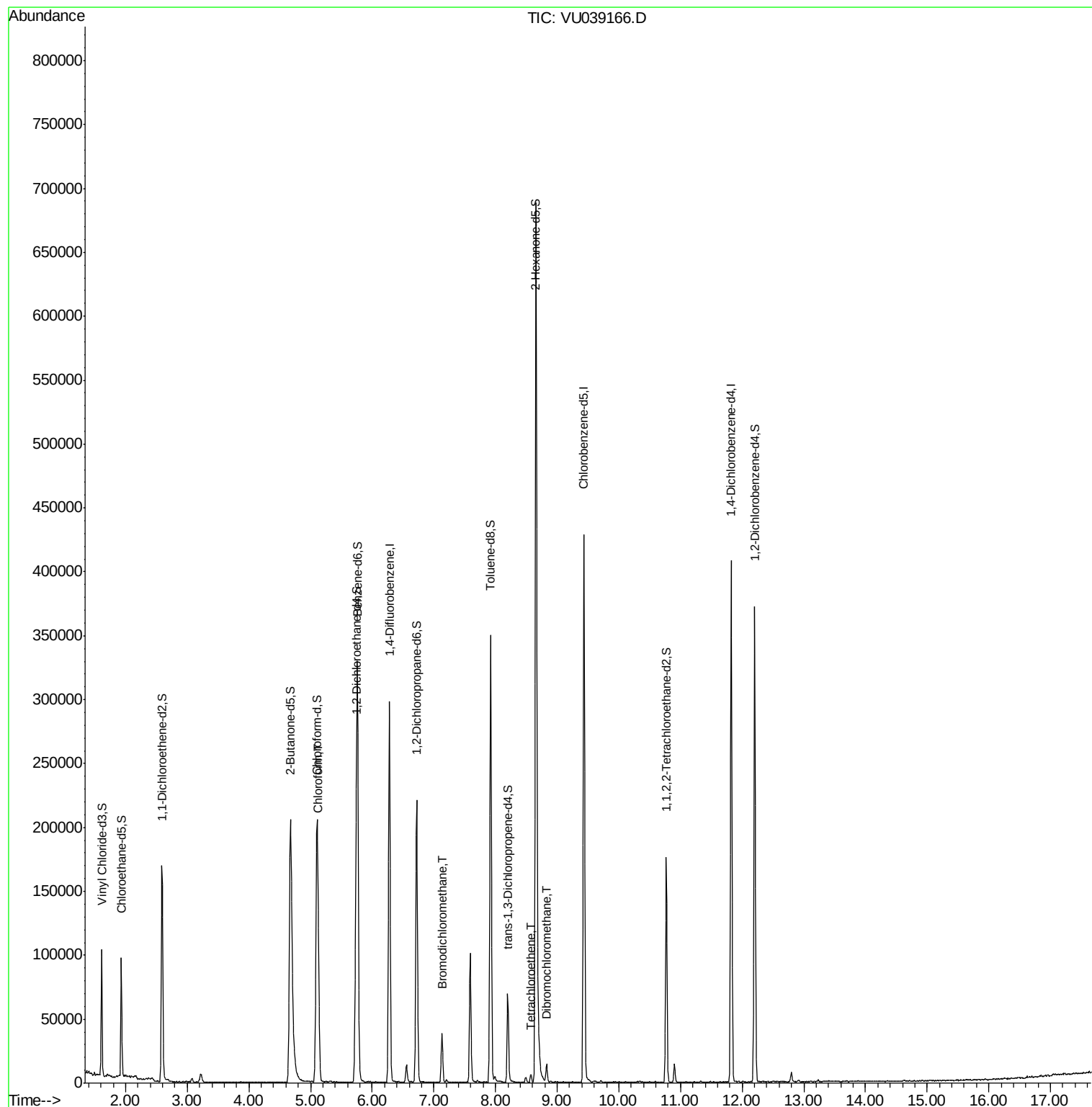
					Ovalue
25) Chloroform	5.12	83	79346	2.393 ug/L	99
38) Bromodichloromethane	7.13	83	24803	1.026 ug/L	99
47) Tetrachloroethene	8.57	164	1456	0.117 ug/L	87
49) Dibromochloromethane	8.83	129	6862	0.438 ug/L	94

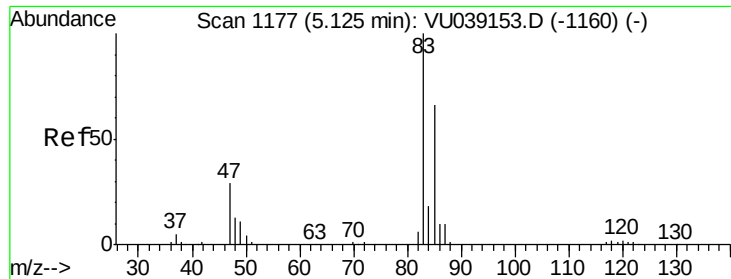
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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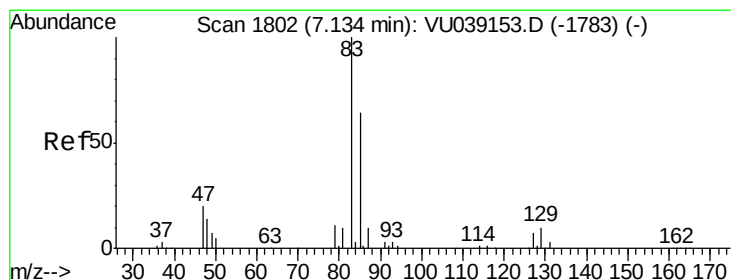
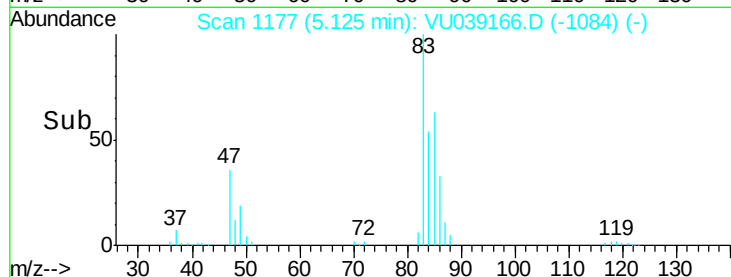
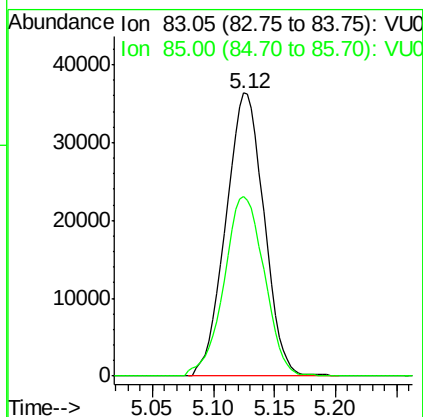
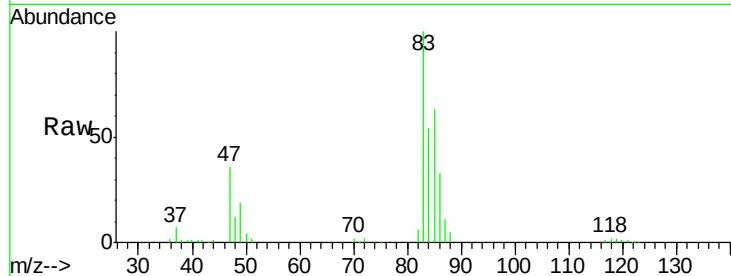




#25
Chloroform
Concen: 2.393 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU039166.D
Acq: 26 Jun 2020 15:49

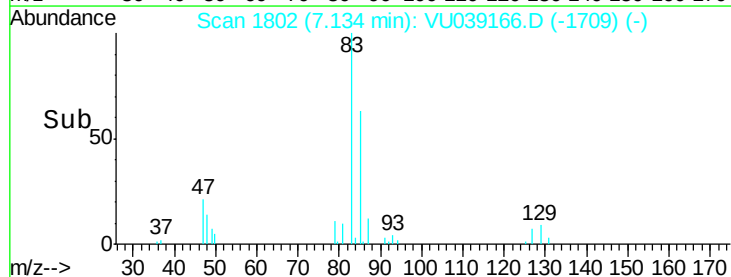
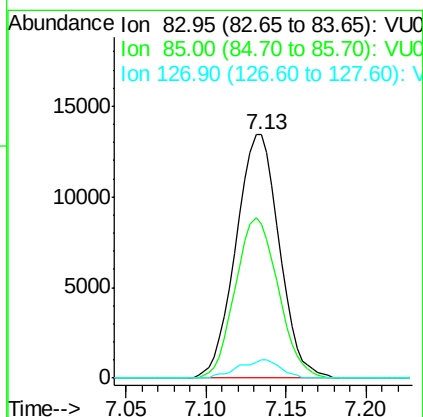
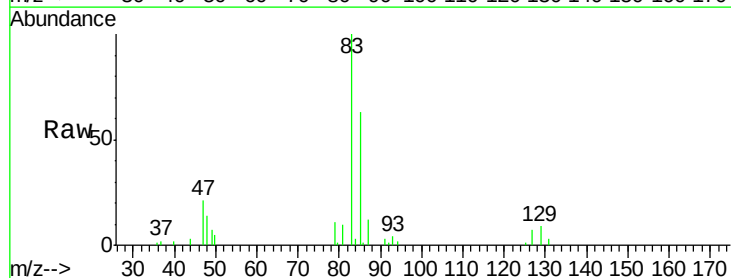
Instrument :
MSVOA_U
ClientSampled :
F9F43

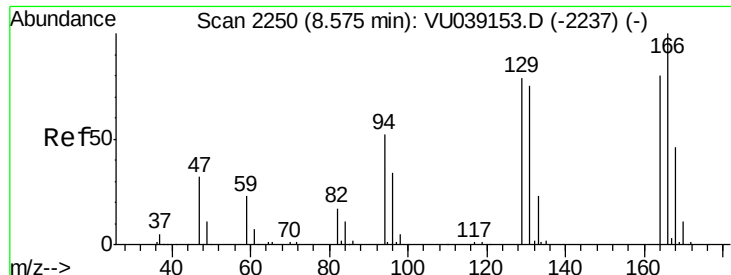
Tot Ion: 83 Resp: 79346
Ion Ratio Lower Upper
83 100
85 63.5 43.8 81.4



#38
Bromodichloromethane
Concen: 1.026 ug/L
RT: 7.13 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VU039166.D
Acq: 26 Jun 2020 15:49

Tgt Ion: 83 Resp: 24803
Ion Ratio Lower Upper
83 100
85 63.3 44.9 83.3
127 7.3 6.3 9.5

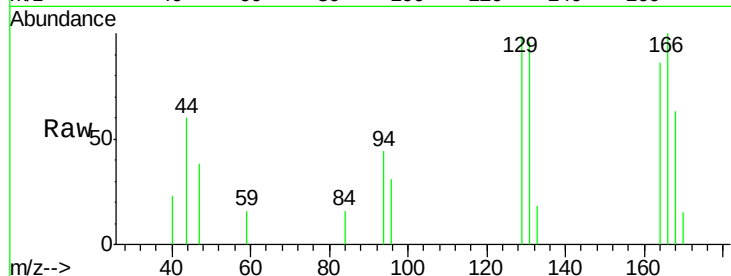




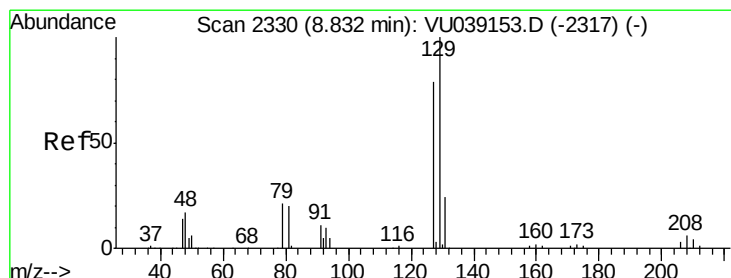
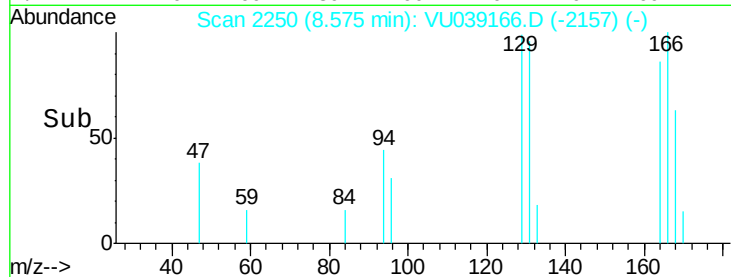
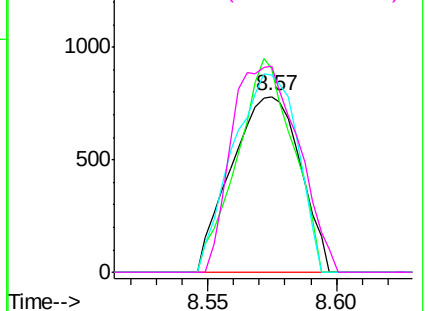
#47
Tetrachloroethene
Concen: 0.117 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU039166.D
Acq: 26 Jun 2020 15:49

Instrument :
MSVOA_U
ClientSampled :
F9F43

Tot Ion:164 Resp: 1456
Ion Ratio Lower Upper
164 100
129 115.6 71.3 132.5
131 111.9 68.3 126.8
166 116.9 90.8 168.6

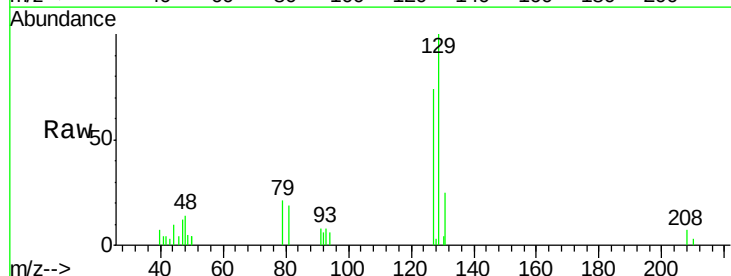


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 0.438 ug/L
RT: 8.83 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VU039166.D
Acq: 26 Jun 2020 15:49

Tgt Ion:129 Resp: 6862
Ion Ratio Lower Upper
129 100
127 74.0 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

