

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039125.D
 Acq On : 25 Jun 2020 18:41
 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 26 03:58:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	237051	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	240100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	100656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81147	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.93	69	76715	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.59	63	125955	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.67	46	387446	61.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.68%
24) Chloroform-d	5.10	84	190233	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.74	65	115249	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.76	84	345155	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.72	67	117981	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.92	98	262419	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.20	79	47116	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.65	63	285606	56.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105398	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	105960	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

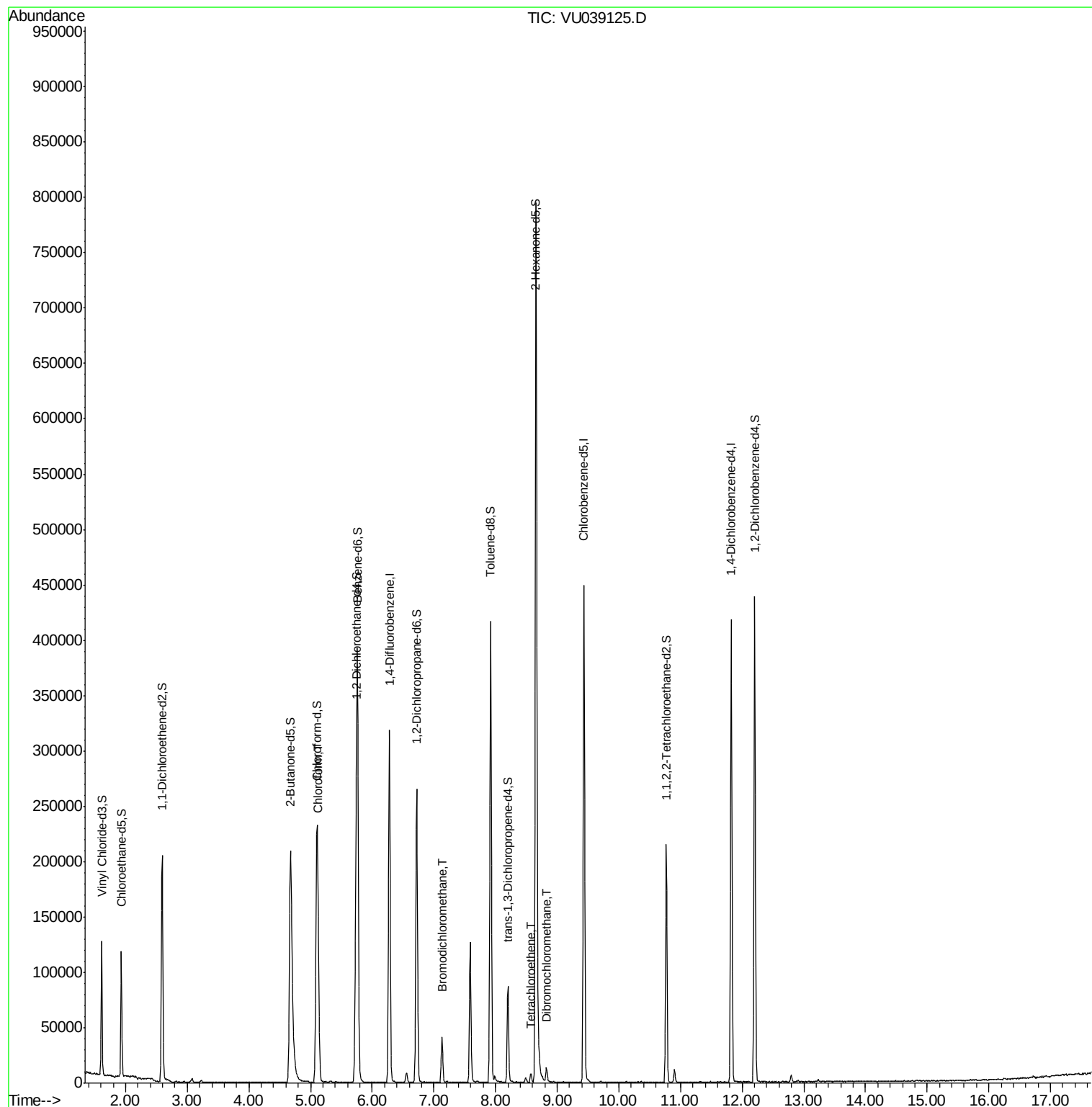
Target Compounds					Ovalue
25) Chloroform	5.12	83	82011	2.338 ug/L	95
38) Bromodichloromethane	7.13	83	25446	0.999 ug/L	98
47) Tetrachloroethene	8.57	164	1603	0.122 ug/L	88
49) Dibromochloromethane	8.83	129	6046	0.366 ug/L	99

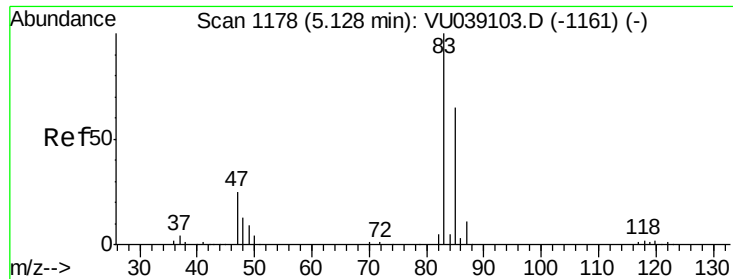
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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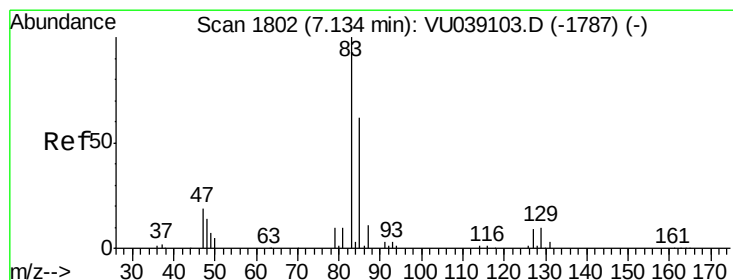
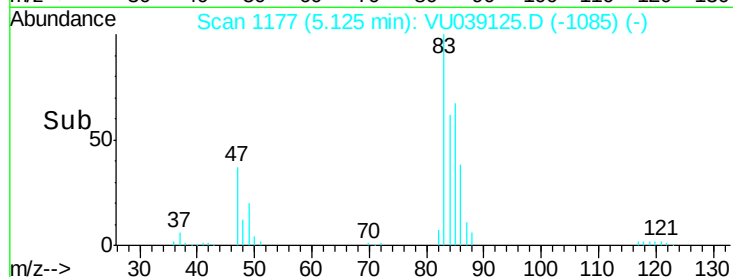
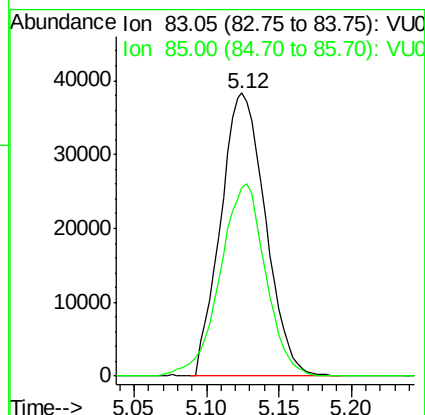
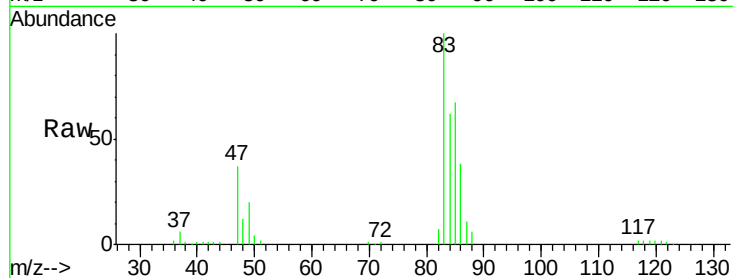




#25
Chloroform
Concen: 2.338 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU039125.D
Acq: 25 Jun 2020 18:41

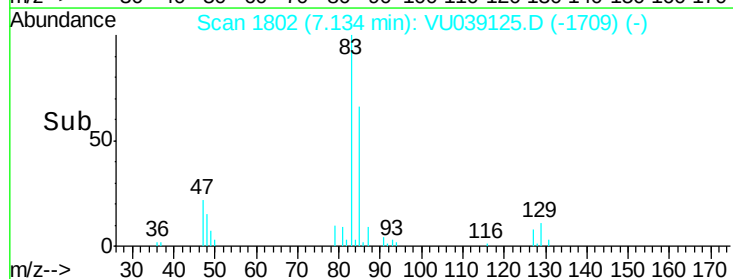
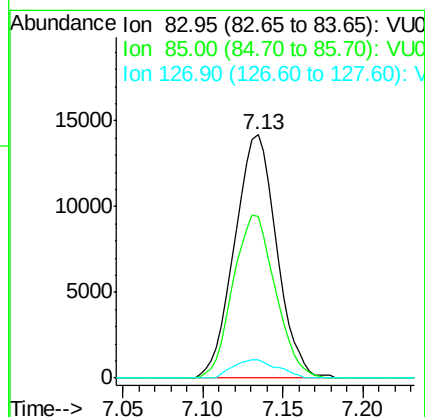
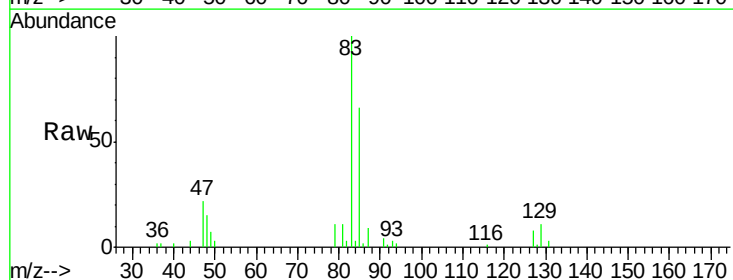
Instrument :
MSVOA_U
ClientSampled :
F9F43

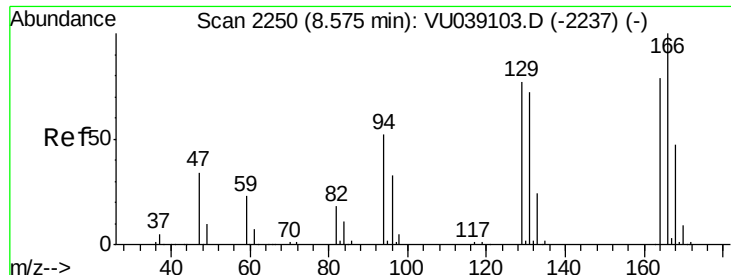
Tot Ion: 83 Resp: 82011
Ion Ratio Lower Upper
83 100
85 66.5 43.8 81.4



#38
Bromodichloromethane
Concen: 0.999 ug/L
RT: 7.13 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VU039125.D
Acq: 25 Jun 2020 18:41

Tgt Ion: 83 Resp: 25446
Ion Ratio Lower Upper
83 100
85 66.2 44.9 83.3
127 7.5 6.3 9.5





#47

Tetrachloroethene

Concen: 0.122 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039125.D

Acq: 25 Jun 2020 18:41

Instrument :

MSVOA_U

ClientSampleId :

F9F43

Tot Ion:164 Resp: 1603

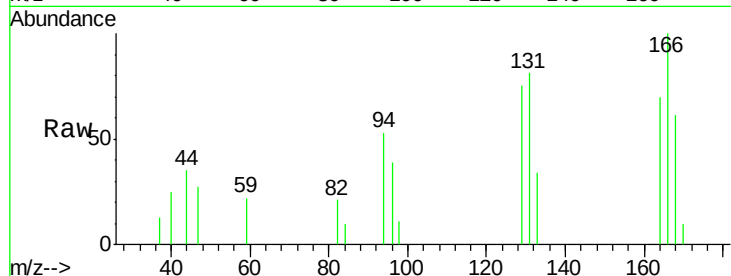
Ion Ratio Lower Upper

164 100

129 107.4 71.3 132.5

131 116.9 68.3 126.8

166 143.7 90.8 168.6

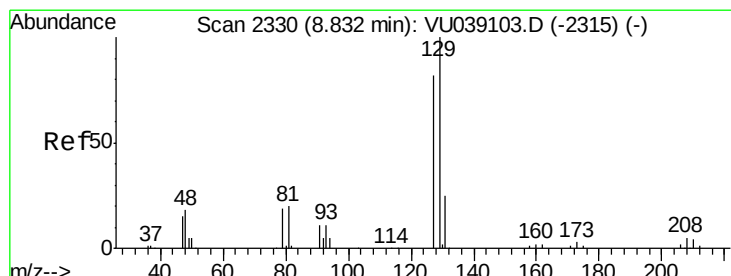
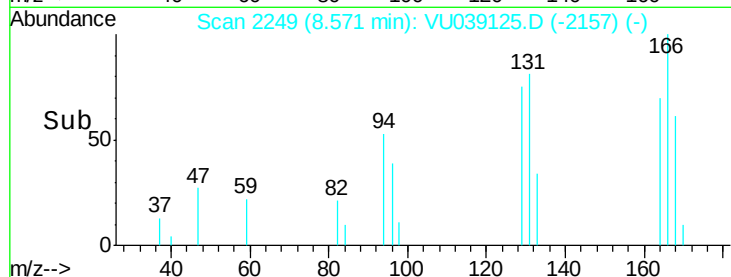
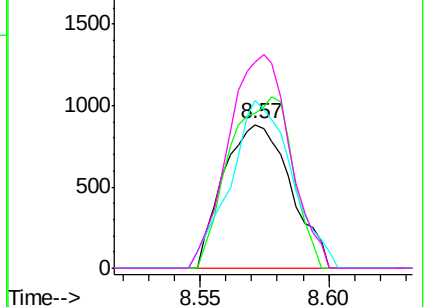


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.366 ug/L

RT: 8.83 min Scan# 2329

Delta R.T. -0.00 min

Lab File: VU039125.D

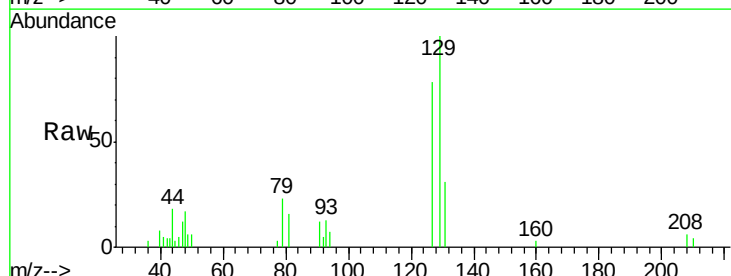
Acq: 25 Jun 2020 18:41

Tgt Ion:129 Resp: 6046

Ion Ratio Lower Upper

129 100

127 78.2 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

