

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039124.D
 Acq On : 25 Jun 2020 18:18
 Operator : SY/MD
 Sample : L3121-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F40

Quant Time: Jun 26 03:55:31 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	252844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	253092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	108426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79256	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.93	69	76470	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	121844	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.68	46	382851	57.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	5.10	84	183568	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	114019	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.76	84	339330	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.72	67	114259	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	254404	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.20	79	45229	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.66	63	275213	52.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102253	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	106625	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

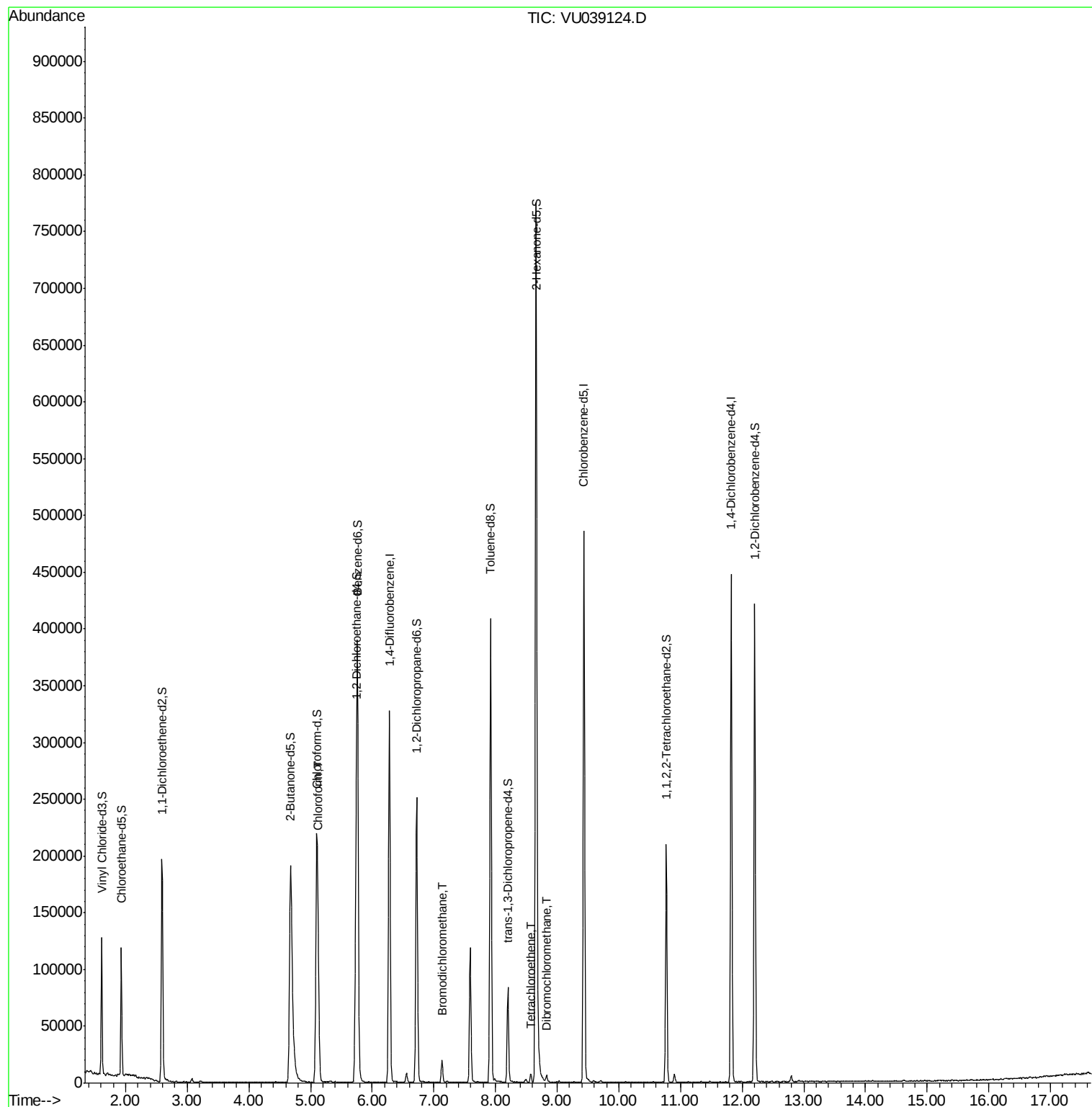
					Ovalue
25) Chloroform	5.12	83	69109	1.847 ug/L	92
38) Bromodichloromethane	7.13	83	12355	0.460 ug/L	88
47) Tetrachloroethene	8.57	164	1510	0.109 ug/L	90
49) Dibromochloromethane	8.83	129	2307	0.132 ug/L	97

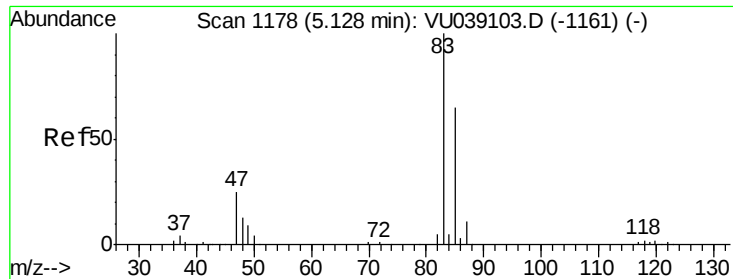
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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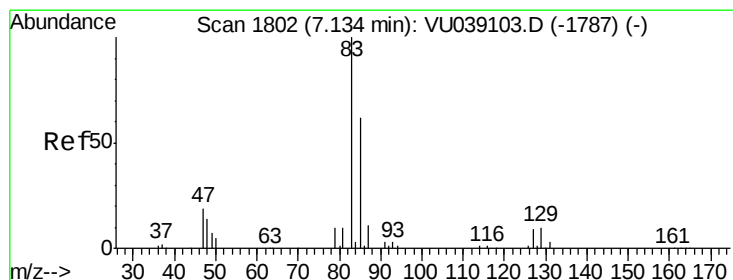
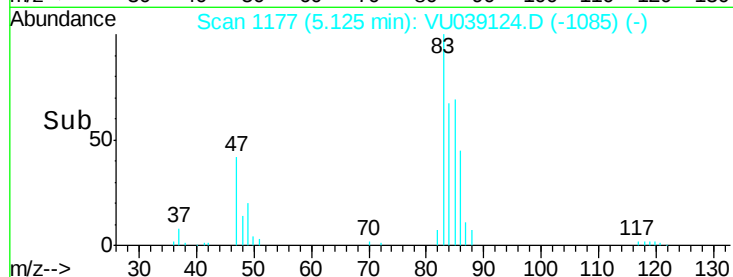
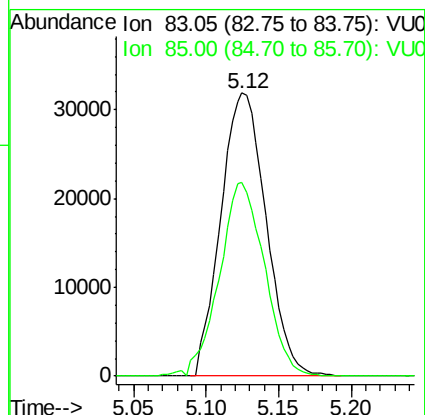
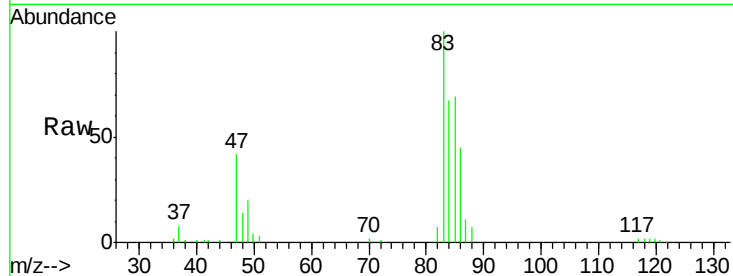




#25
Chloroform
Concen: 1.847 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU039124.D
Acq: 25 Jun 2020 18:18

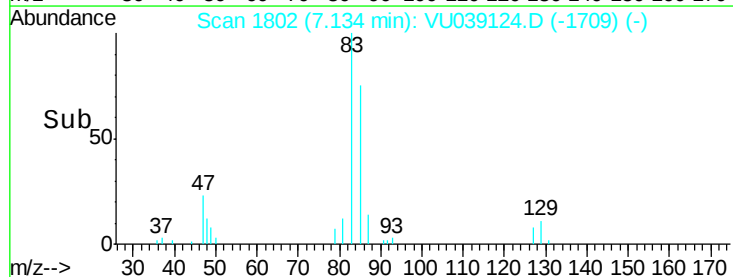
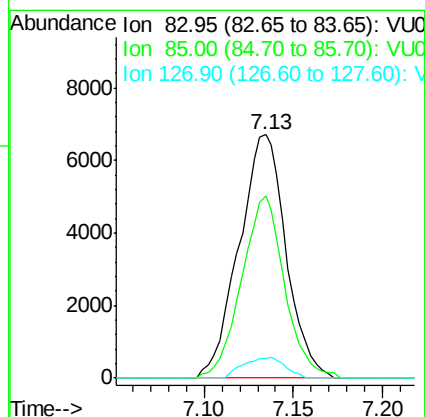
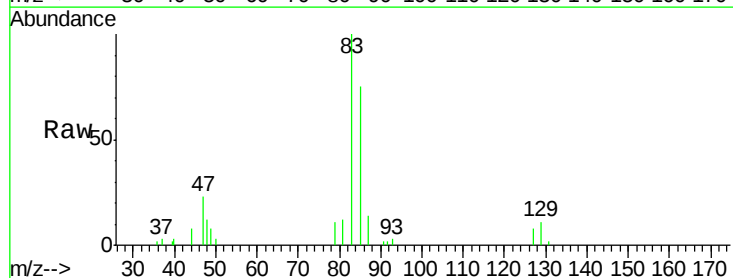
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MSVOA_U
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F9F40

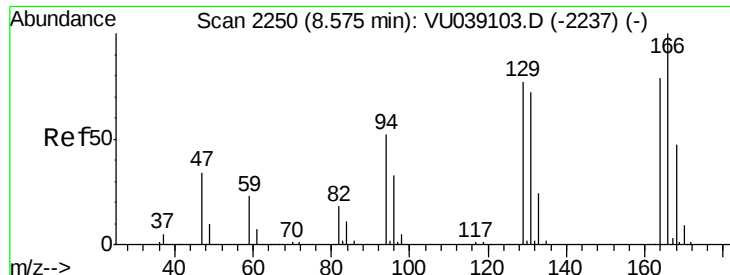
Tot Ion: 83 Resp: 69109
Ion Ratio Lower Upper
83 100
85 68.6 43.8 81.4



#38
Bromodichloromethane
Concen: 0.460 ug/L
RT: 7.13 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VU039124.D
Acq: 25 Jun 2020 18:18

Tgt Ion: 83 Resp: 12355
Ion Ratio Lower Upper
83 100
85 74.7 44.9 83.3
127 8.2 6.3 9.5





#47

Tetrachloroethene

Concen: 0.109 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU039124.D

Acq: 25 Jun 2020 18:18

Instrument :

MSVOA_U

ClientSampleId :

F9F40

Tot Ion:164 Resp: 1510

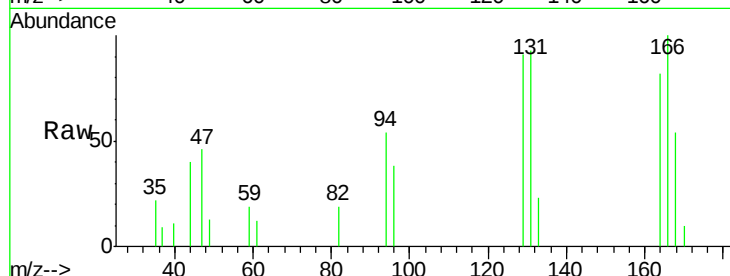
Ion Ratio Lower Upper

164 100

129 112.1 71.3 132.5

131 113.6 68.3 126.8

166 122.7 90.8 168.6

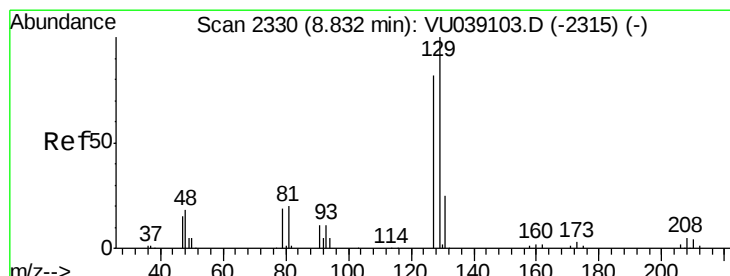
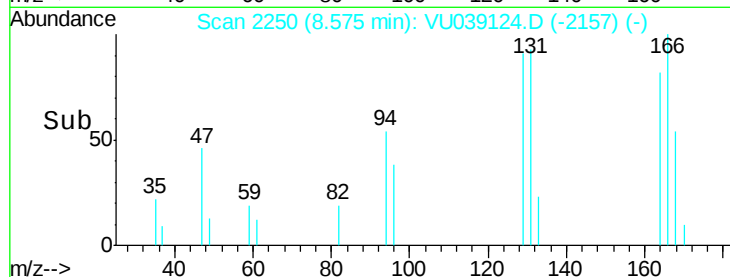
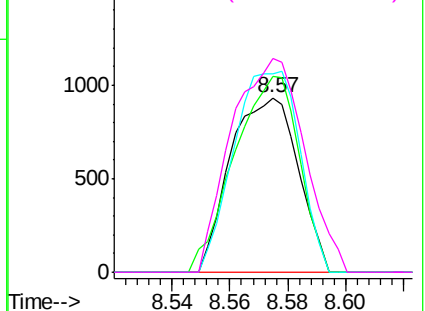


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.132 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU039124.D

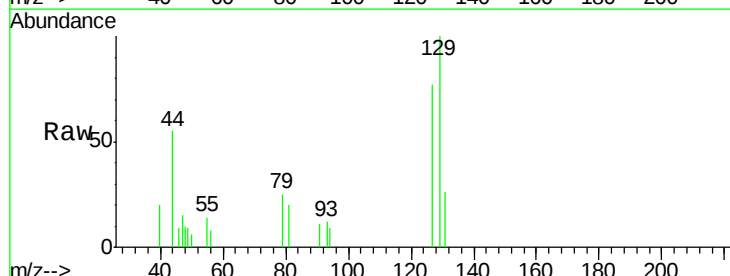
Acq: 25 Jun 2020 18:18

Tgt Ion:129 Resp: 2307

Ion Ratio Lower Upper

129 100

127 76.5 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

