

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080820\
 Data File : VU039810.D
 Acq On : 08 Aug 2020 14:53
 Operator : SY/MD
 Sample : L3617-02RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4G01RE

Quant Time: Aug 10 02:37:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 10 01:16:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75060	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36248	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0d	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.92	69	19987	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.58	63	4963	0.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	12.00%#
20) 2-Butanone-d5	4.66	46	73310	40.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.64%
24) Chloroform-d	5.09	84	42911	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.72	65	26489	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.75	84	85693	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	28177	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	0.00	98	0d	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
43) trans-1,3-Dichloropropene-	0.00	79	0d	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	8.65	63	48137	37.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22818	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	30400	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

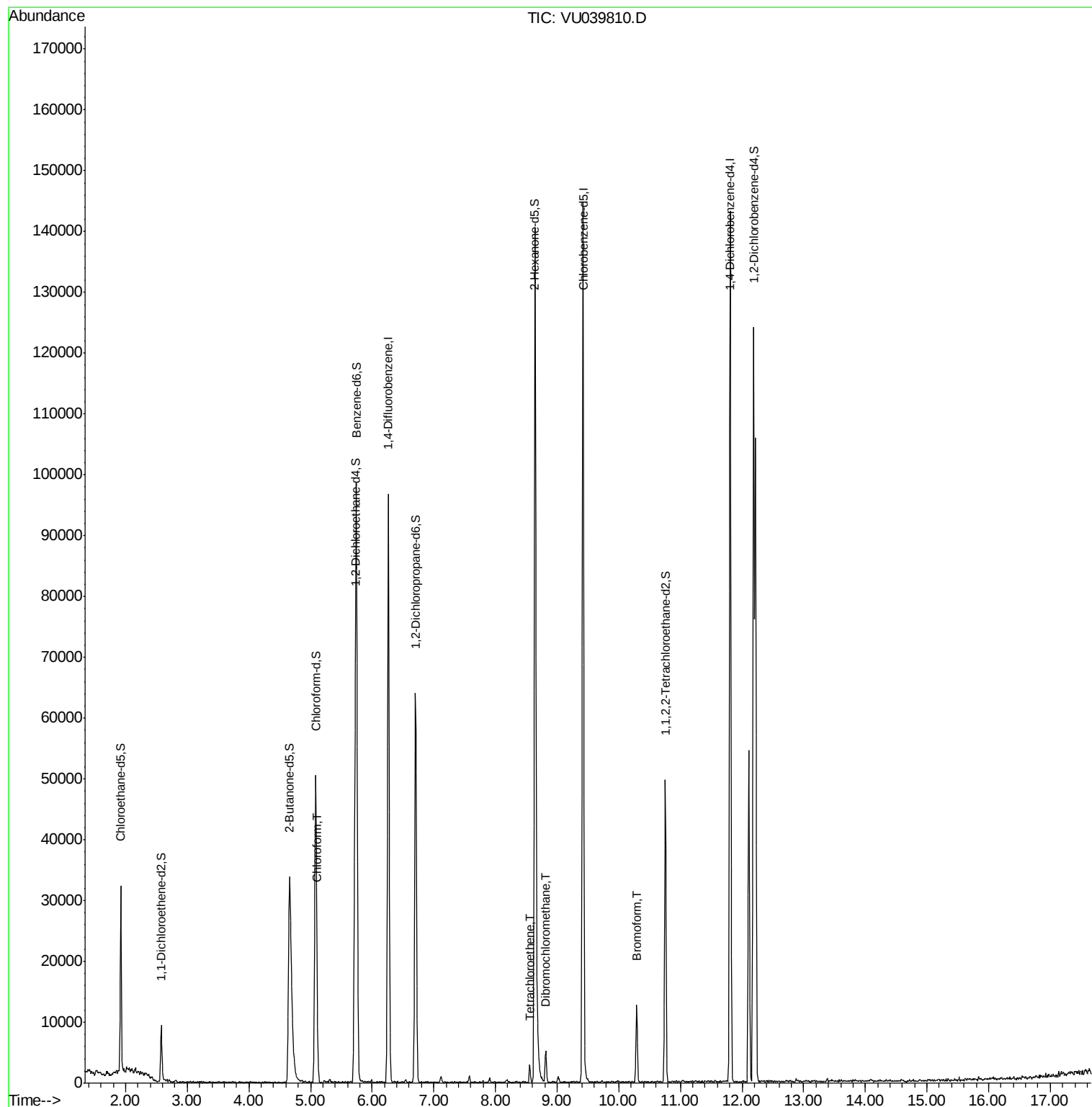
					Ovalue
25) Chloroform	5.11	83	3544	0.351 ug/L	94
47) Tetrachloroethene	8.56	164	582	0.133 ug/L	87
49) Dibromochloromethane	8.82	129	2651	0.529 ug/L	93
61) Bromoform	10.29	173	5492	2.242 ug/L #	93

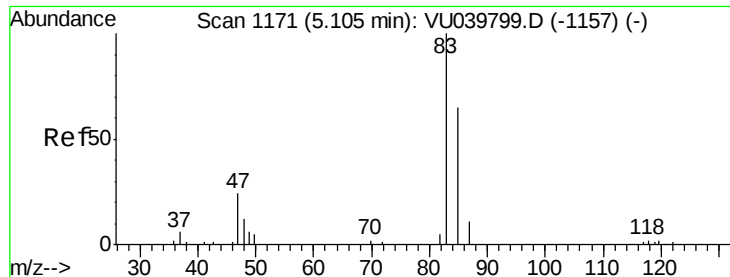
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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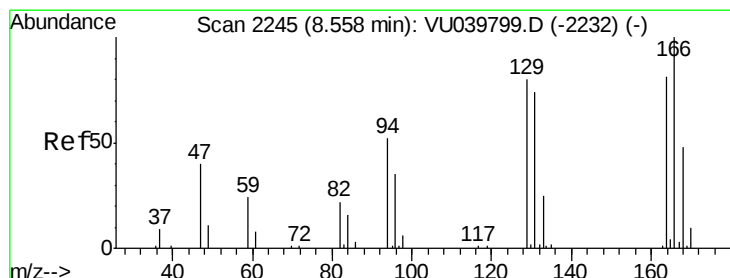
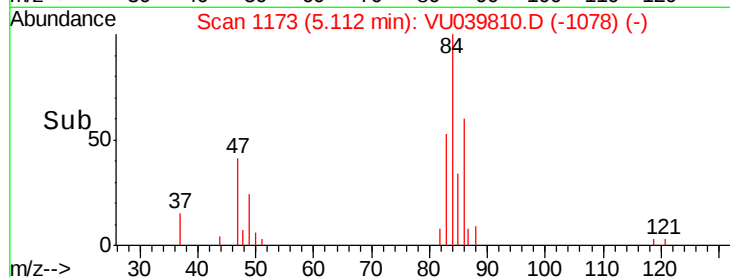
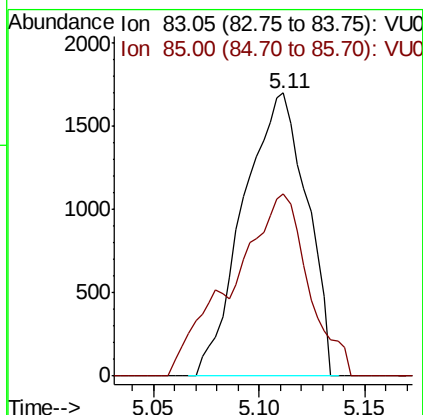
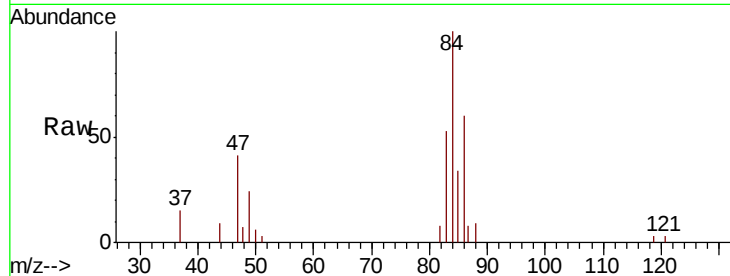




#25
Chloroform
Concen: 0.351 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039810.D
Acq: 08 Aug 2020 14:53

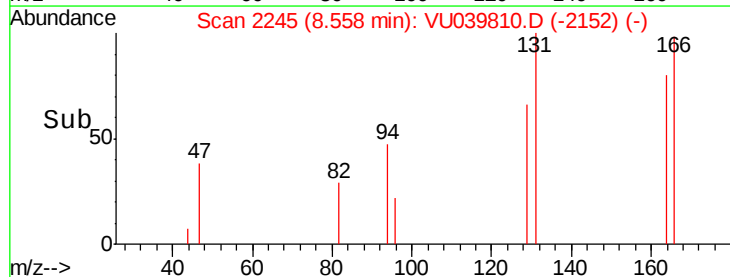
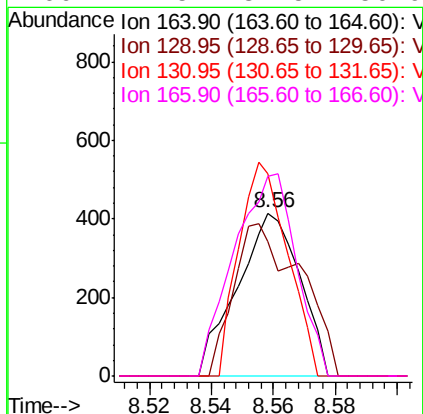
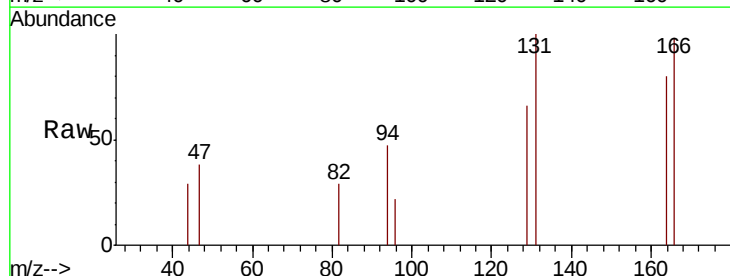
Instrument :
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F4G01RE

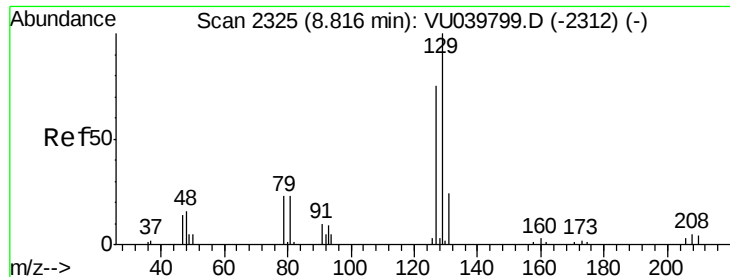
Tot Ion: 83 Resp: 3544
Ion Ratio Lower Upper
83 100
85 64.5 42.1 78.3



#47
Tetrachloroethene
Concen: 0.133 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039810.D
Acq: 08 Aug 2020 14:53

Tgt Ion:164 Resp: 582
Ion Ratio Lower Upper
164 100
129 82.9 65.9 122.5
131 124.6 68.1 126.5
166 122.5 84.5 156.9





#49

Dibromochloromethane

Concen: 0.529 ug/L

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU039810.D

Acq: 08 Aug 2020 14:53

Instrument :

MSVOA_U

ClientSampleId :

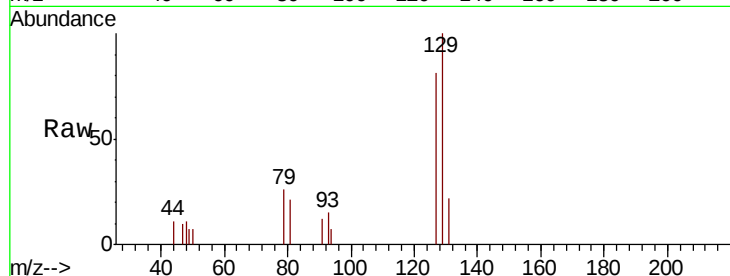
F4G01RE

Tot Ion:129 Resp: 2651

Ion Ratio Lower Upper

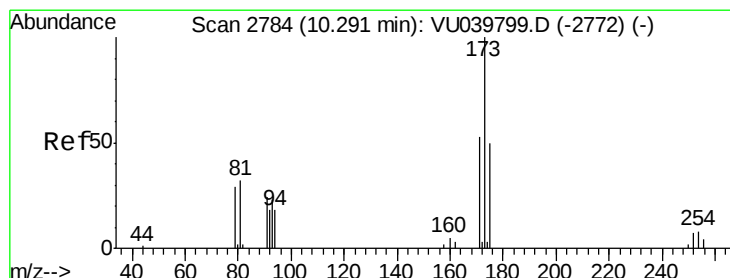
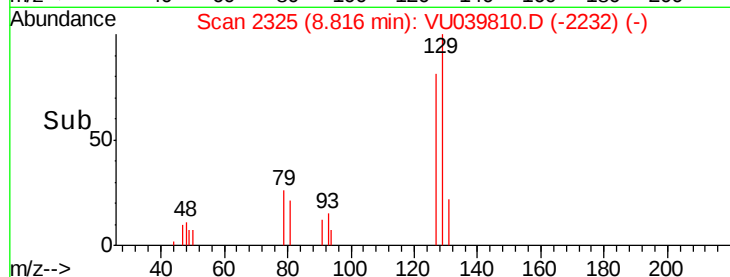
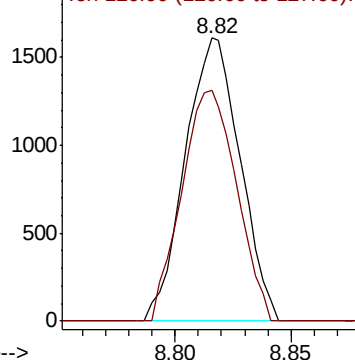
129 100

127 81.5 53.0 98.4



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#61

Bromoform

Concen: 2.242 ug/L

RT: 10.29 min Scan# 2785

Delta R.T. 0.00 min

Lab File: VU039810.D

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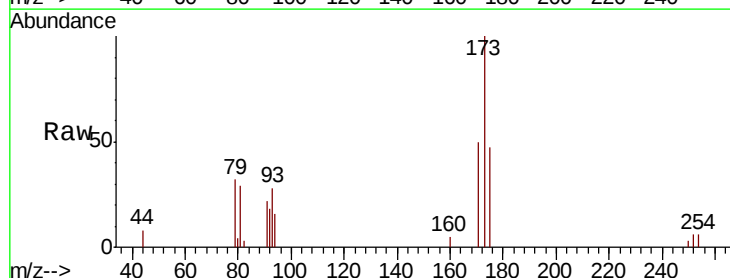
Tgt Ion:173 Resp: 5492

Ion Ratio Lower Upper

173 100

175 47.2 33.8 50.8

254 5.4 5.5 8.3#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

