

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\  
 Data File : VU038054.D  
 Acq On : 07 May 2020 21:13  
 Operator : JC/MD  
 Sample : L2527-17  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSK4

Quant Time: May 08 04:26:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 08 01:51:41 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	368585	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	359081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	164931	5.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148682	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.93	69	125543	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.59	63	179805	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.66	46	321398	38.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.28%
24) Chloroform-d	5.10	84	199766	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.74	65	129096	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.76	84	495105	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	157427	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.92	98	443210	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.20	79	54009	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.65	63	272772	41.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114271	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	152210	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

## Target Compounds

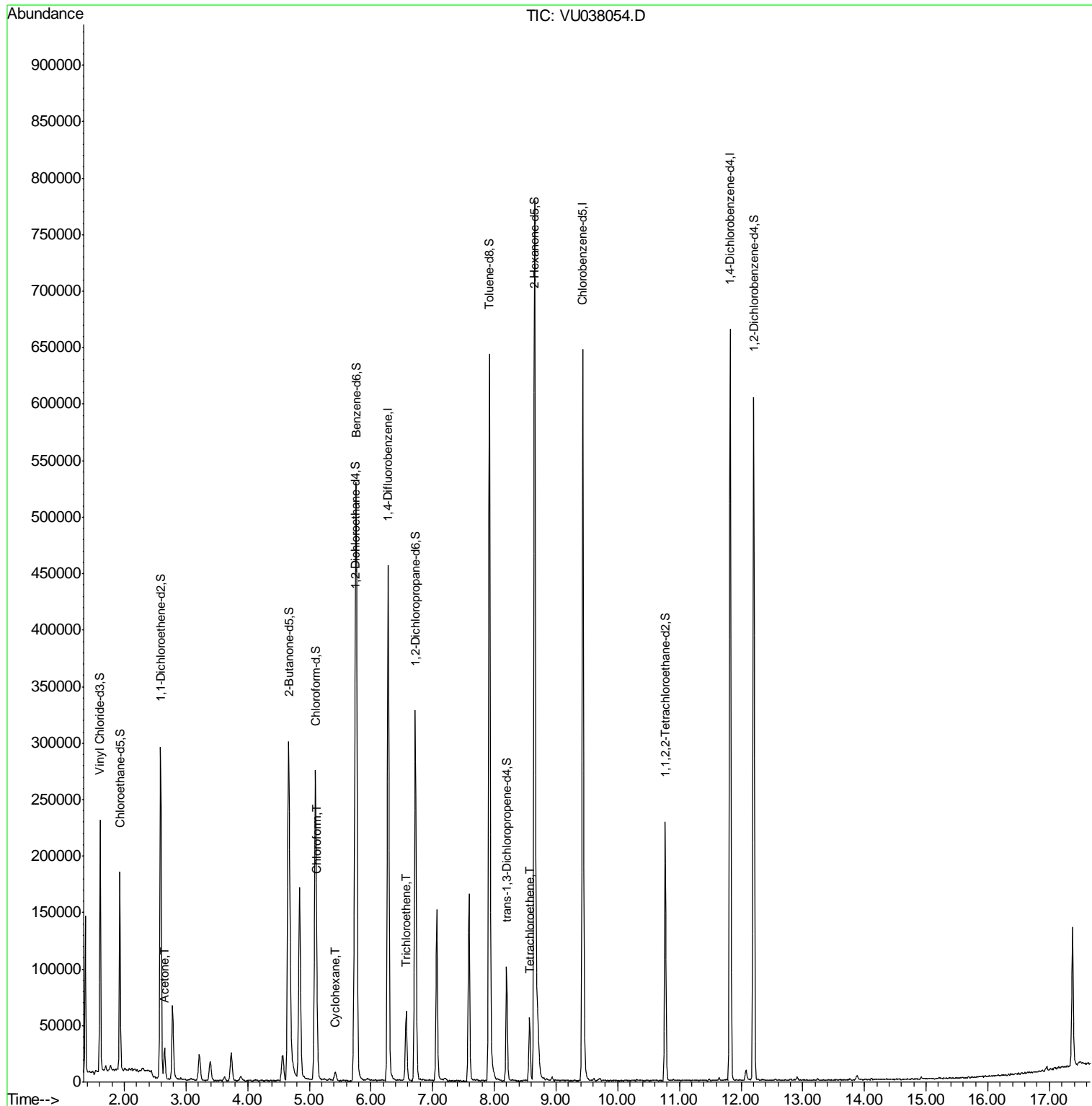
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	30134	5.774	ug/L	96
25) Chloroform	5.13	83	21502	0.423	ug/L	92
30) Cyclohexane	5.42	56	3643	0.075	ug/L	88
34) Trichloroethene	6.57	95	20180	0.702	ug/L	96
47) Tetrachloroethene	8.57	164	11824	0.588	ug/L	93

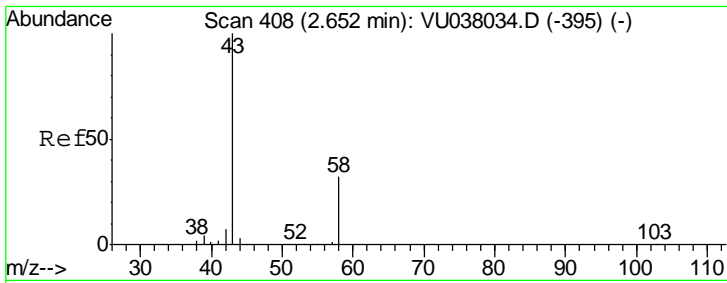
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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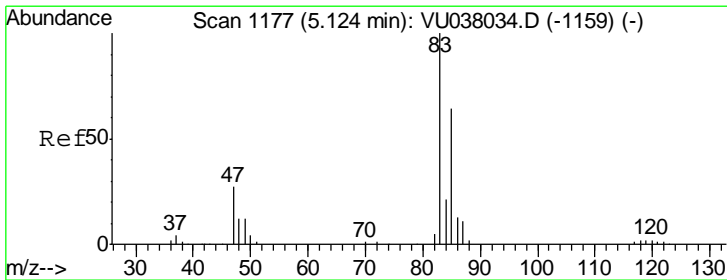
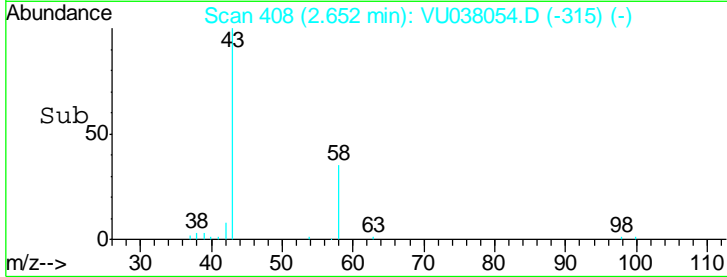
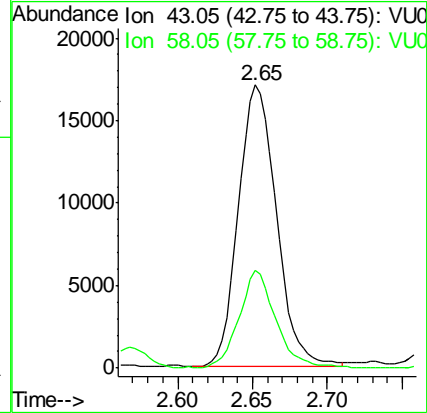
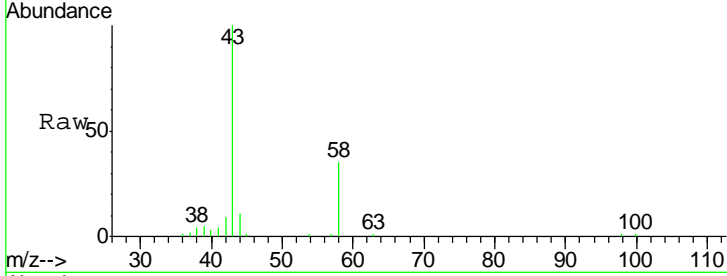




#13  
 Acetone  
 Concen: 5.774 ug/L  
 RT: 2.65 min Scan# 408  
 Delta R.T. -0.00 min  
 Lab File: VU038054.D  
 Acq: 07 May 2020 21:13

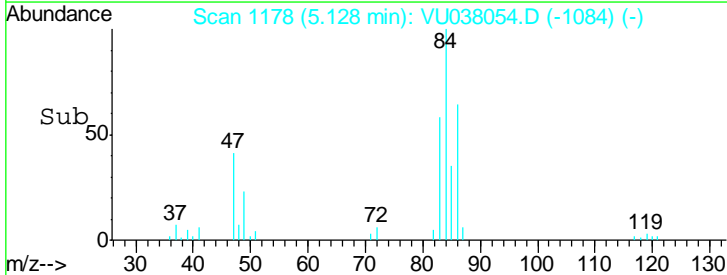
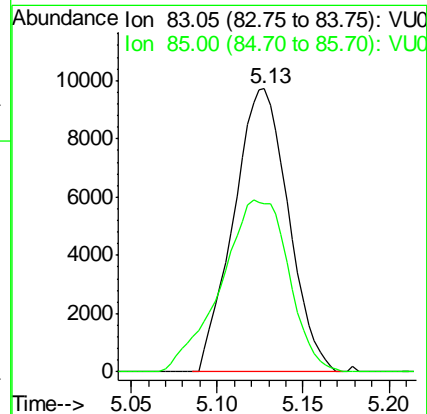
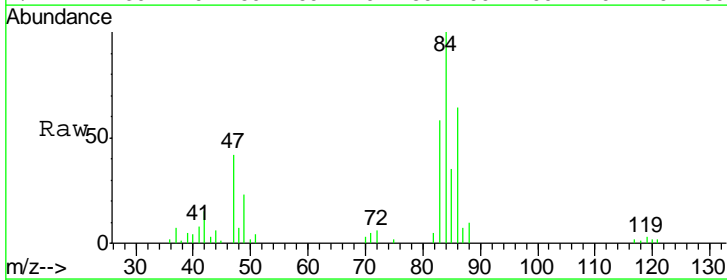
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 BFSK4

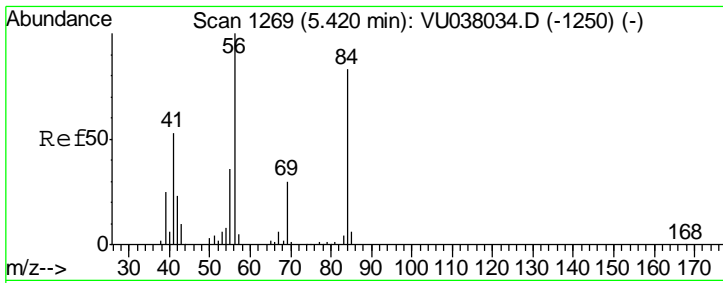
Tgt Ion	Resp	Lower	Upper
43	30134		
58	33.8	0.0	63.6



#25  
 Chloroform  
 Concen: 0.423 ug/L  
 RT: 5.13 min Scan# 1178  
 Delta R.T. 0.00 min  
 Lab File: VU038054.D  
 Acq: 07 May 2020 21:13

Tgt Ion	Resp	Lower	Upper
83	21502		
85	59.6	46.2	85.8

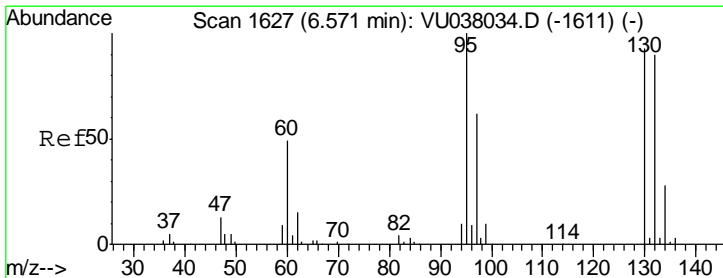
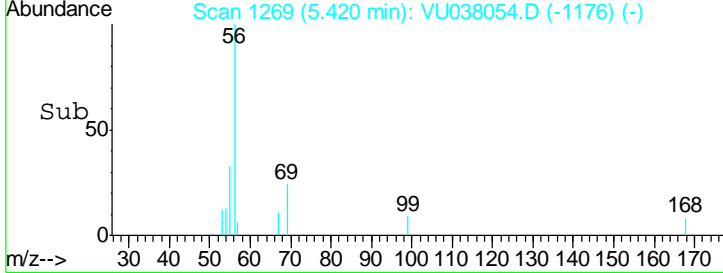
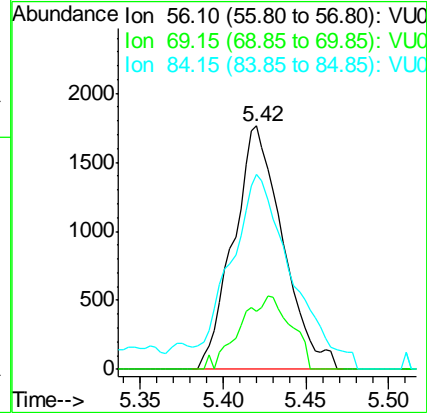
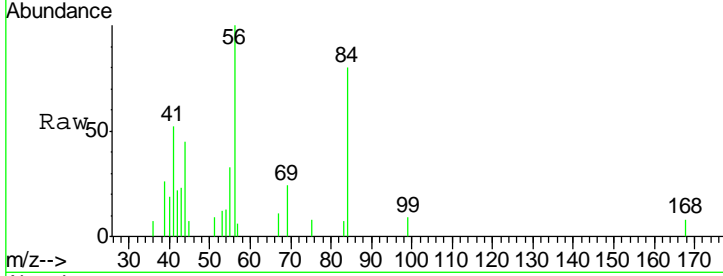




#30  
 Cyclohexane  
 Concen: 0.075 ug/L  
 RT: 5.42 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: VU038054.D  
 Acq: 07 May 2020 21:13

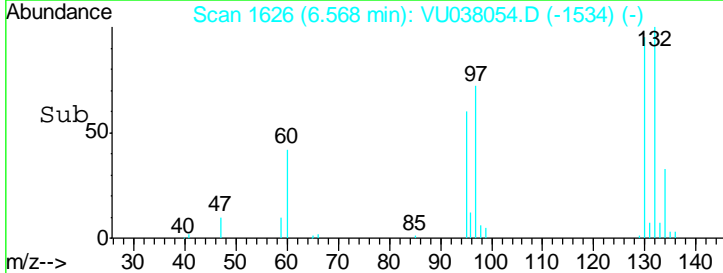
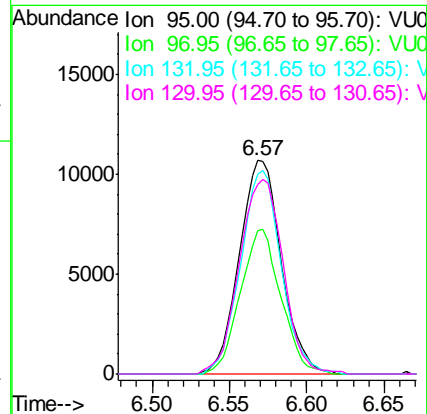
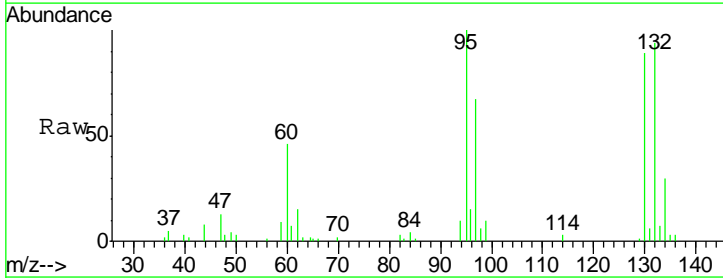
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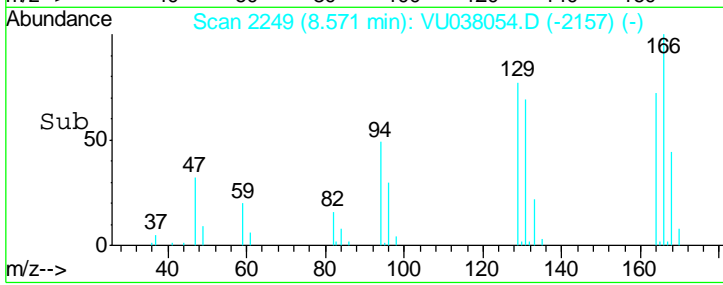
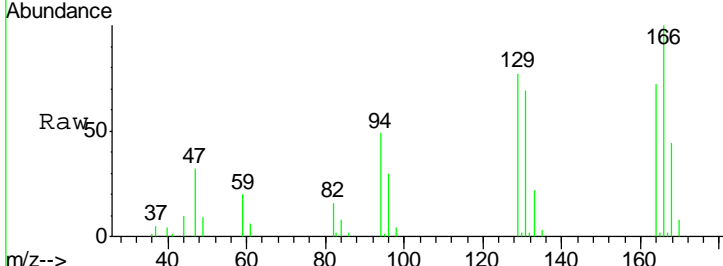
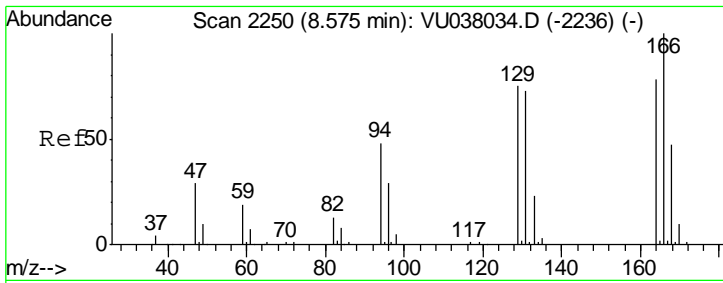
Tgt Ion	Resp	Lower	Upper
56	100		
69	30.9	24.2	36.4
84	99.9	68.5	102.7



#34  
 Trichloroethene  
 Concen: 0.702 ug/L  
 RT: 6.57 min Scan# 1626  
 Delta R.T. -0.00 min  
 Lab File: VU038054.D  
 Acq: 07 May 2020 21:13

Tgt Ion	Resp	Lower	Upper
95	100		
97	66.9	44.9	83.3
132	93.6	63.3	117.5
130	89.0	65.7	122.1





#47  
 Tetrachloroethene  
 Concen: 0.588 ug/L  
 RT: 8.57 min Scan# 2249  
 Delta R.T. -0.00 min  
 Lab File: VU038054.D  
 Acq: 07 May 2020 21:13

Instrument :  
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Tot Ion:164 Resp: 11824

Ion	Ratio	Lower	Upper
164	100		
129	106.3	68.8	127.8
131	95.2	66.8	124.2
166	138.3	88.9	165.1

