

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058828.D
 Acq On : 06 May 2024 12:38
 Operator : MD/SY
 Sample : P2392-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ2

Quant Time: May 07 01:10:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

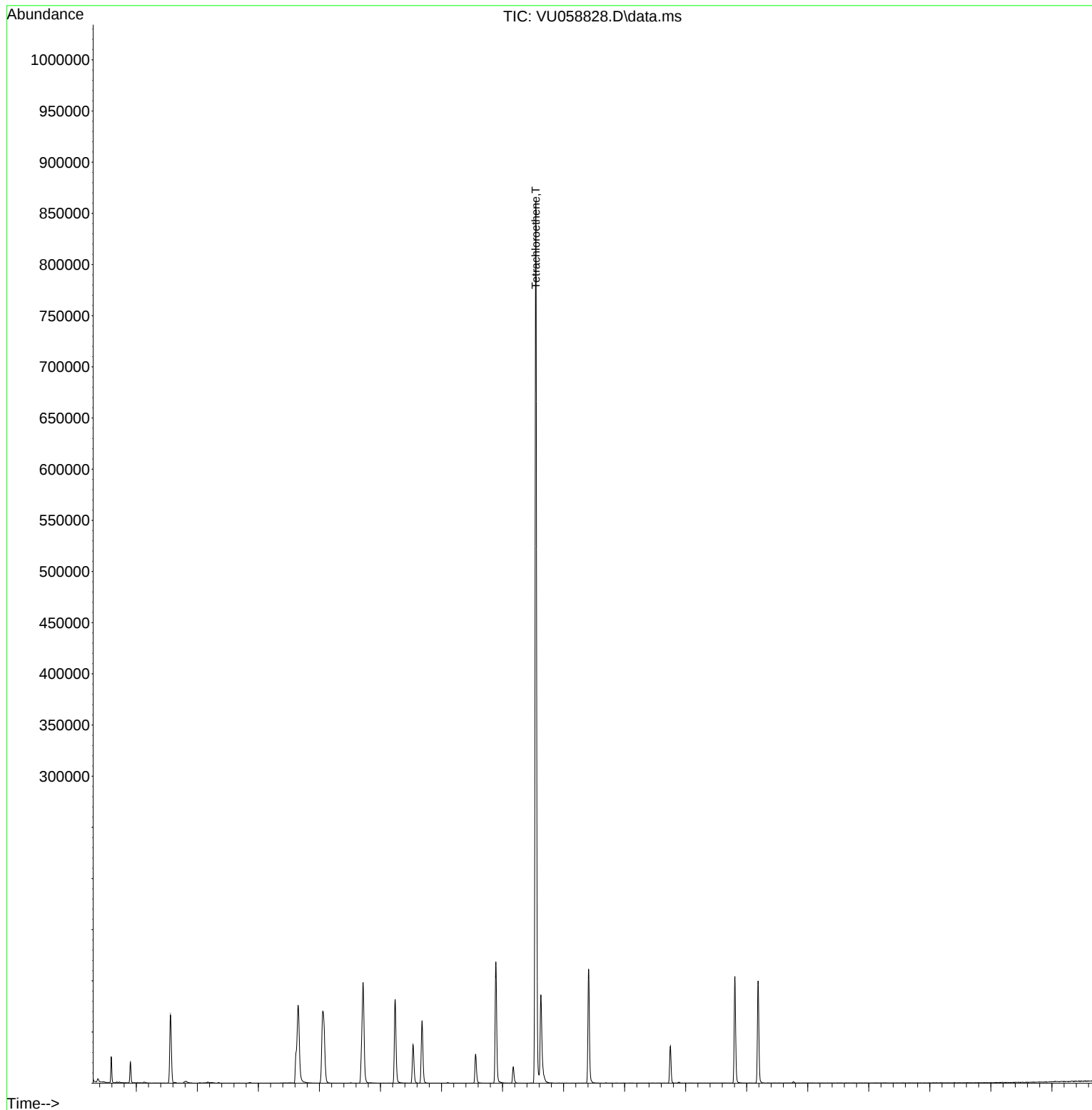
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	64807	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	60691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	16642	3.265	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.904	69	13508	3.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.557	65	10432	4.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.615	46	38506	42.994	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.980%
24) Chloroform-d	5.052	84	54885	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.692	65	26477	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.718	84	89356	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.682	67	25853	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.891	98	80265	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.177	79	10276	4.898	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	29425	47.336	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16777	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	26770	5.421	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	7228	1.531	ug/L #	45
22) cis-1,2-Dichloroethene	4.653	96	36537	7.036	ug/L	93
25) Chloroform	5.078	83	41495	3.988	ug/L	98
34) Trichloroethene	6.537	95	13123	2.297	ug/L	95
47) Tetrachloroethene	8.544	164	183939	45.871	ug/L	97

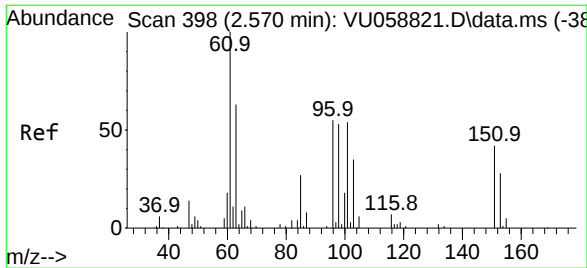
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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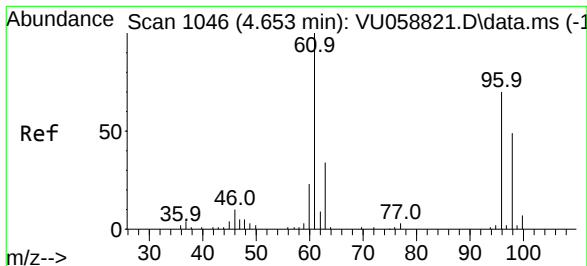
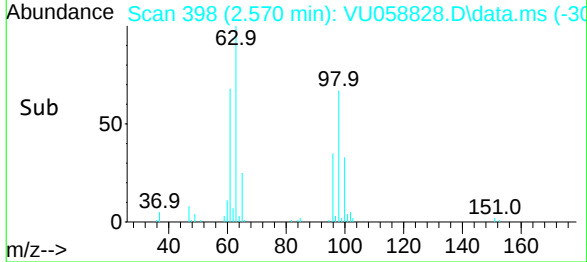
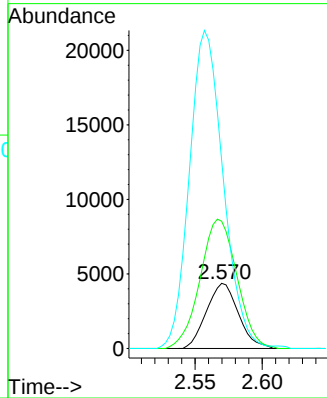
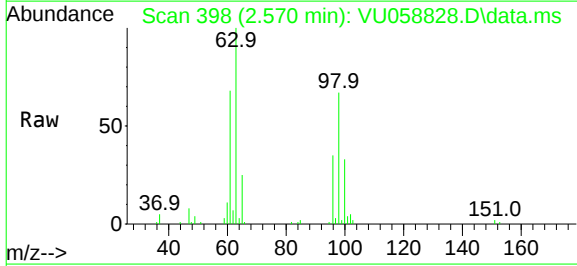




#12
1,1-Dichloroethene
Concen: 1.531 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU058828.D
Acq: 06 May 2024 12:38

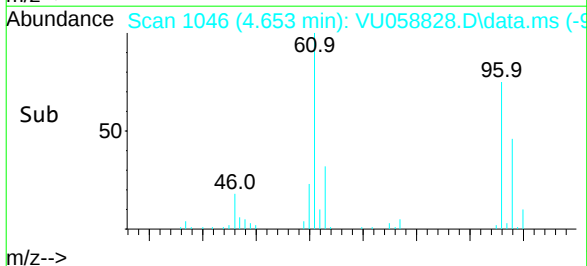
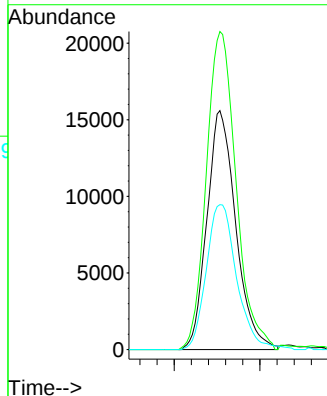
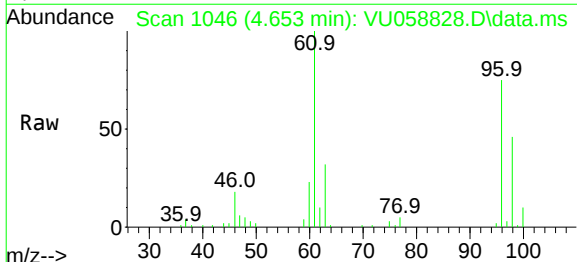
Instrument :
MSVOA_U
ClientSampleId :
BHAQ2

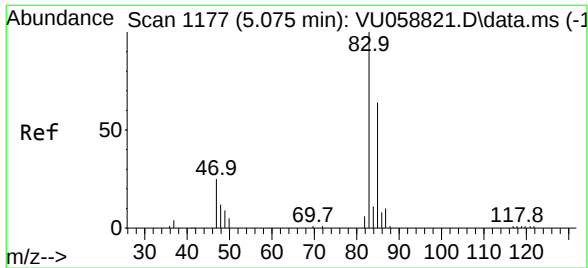
Tgt Ion: 96 Resp: 7228
Ion Ratio Lower Upper
96 100
61 195.4 135.3 251.3
63 288.0 91.9 170.7#



#22
cis-1,2-Dichloroethene
Concen: 7.036 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058828.D
Acq: 06 May 2024 12:38

Tgt Ion: 96 Resp: 36537
Ion Ratio Lower Upper
96 100
61 133.1 100.4 186.4
98 60.6 45.1 83.7

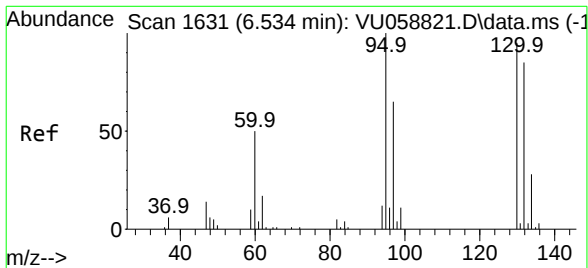
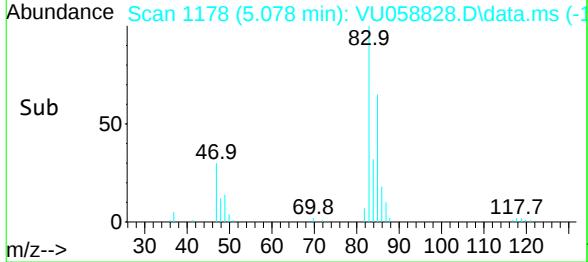
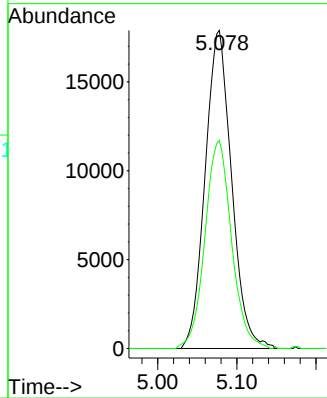
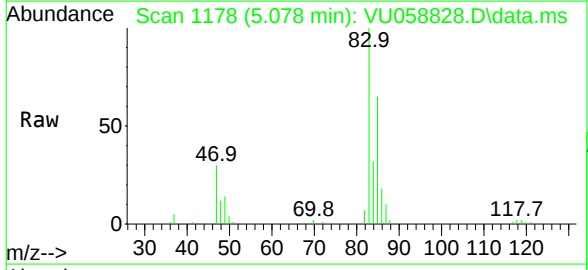




#25
Chloroform
Concen: 3.988 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU058828.D
Acq: 06 May 2024 12:38

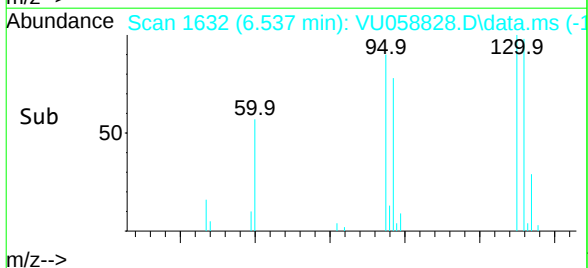
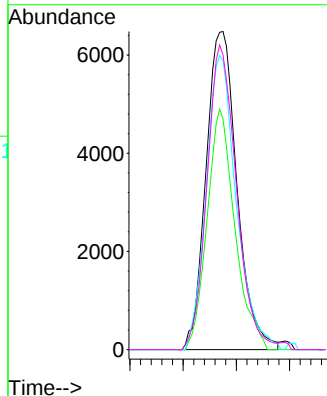
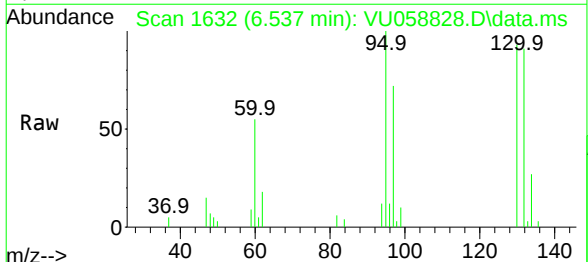
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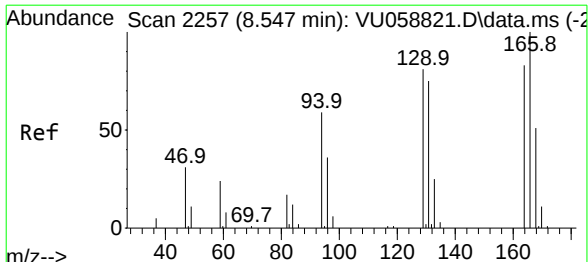
Tgt Ion: 83 Resp: 41495
Ion Ratio Lower Upper
83 100
85 65.4 47.0 87.4



#34
Trichloroethene
Concen: 2.297 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU058828.D
Acq: 06 May 2024 12:38

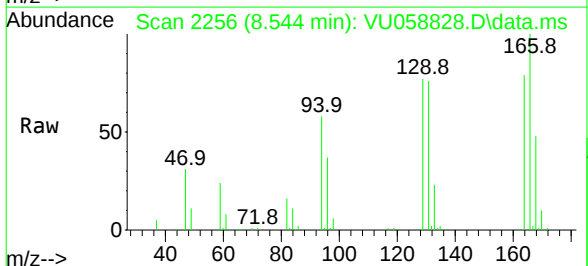
Tgt Ion: 95 Resp: 13123
Ion Ratio Lower Upper
95 100
97 72.5 44.4 82.4
132 90.9 61.6 114.4
130 92.6 64.0 119.0





#47
 Tetrachloroethene
 Concen: 45.871 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. -0.003 min
 Lab File: VU058828.D
 Acq: 06 May 2024 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ2



Tgt Ion:164 Resp: 183939

Ion	Ratio	Lower	Upper
164	100		
129	97.5	71.5	132.9
131	96.2	65.0	120.6
166	126.5	89.5	166.1

