

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055953.D
 Acq On : 28 Oct 2023 04:30
 Operator : MD/SY
 Sample : 05113-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B72

Quant Time: Oct 28 05:28:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

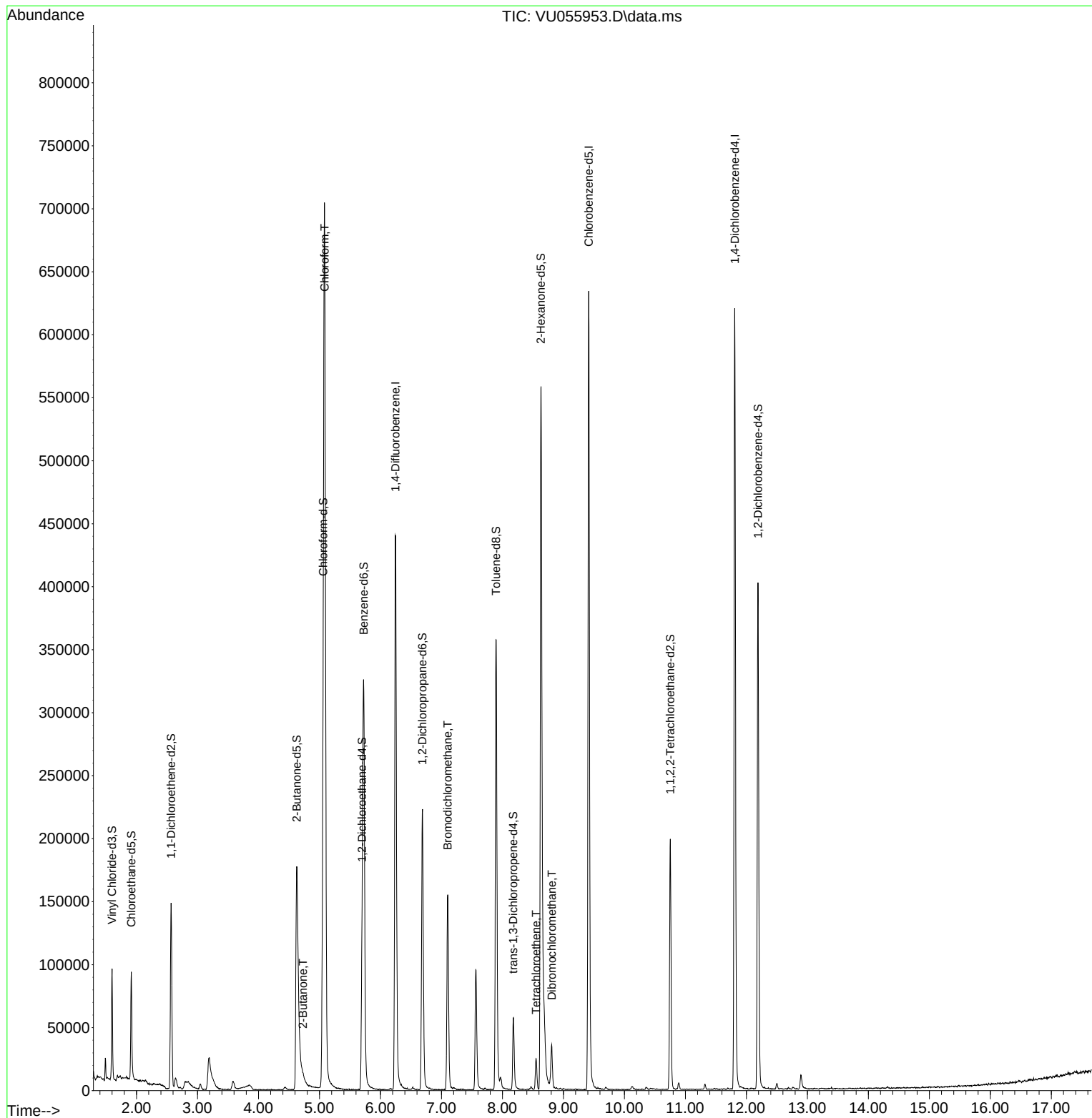
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	382819	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	381273	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	176022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	62191	2.054	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	41.000%
7) Chloroethane-d5	1.914	69	63790	2.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	54.000%#
11) 1,1-Dichloroethene-d2	2.567	65	28268	2.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.000%#
20) 2-Butanone-d5	4.628	46	273200	50.570	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.140%
24) Chloroform-d	5.062	84	211008	3.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
26) 1,2-Dichloroethane-d4	5.698	65	89712	3.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.600%#
32) Benzene-d6	5.724	84	325145	2.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	57.200%#
36) 1,2-Dichloropropane-d6	6.689	67	113418	3.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.400%
41) Toluene-d8	7.894	98	261817	2.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	50.800%#
43) trans-1,3-Dichloroprop...	8.177	79	36693	2.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.800%
46) 2-Hexanone-d5	8.631	63	200319	59.928	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102194	4.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	114285	3.480	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.600%#
Target Compounds						
					Qvalue	
21) 2-Butanone	4.730	43	9415	2.080	ug/L #	54
25) Chloroform	5.084	83	610457	15.242	ug/L	99
38) Bromodichloromethane	7.103	83	107341	3.827	ug/L #	99
47) Tetrachloroethene	8.553	164	5940	0.360	ug/L	91
49) Dibromochloromethane	8.807	129	17697	1.026	ug/L	95

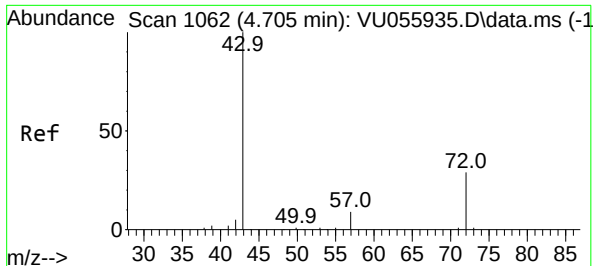
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.080 ug/L

RT: 4.730 min Scan# 1062

Delta R.T. 0.019 min

Lab File: VU055953.D

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ClientSampleId :

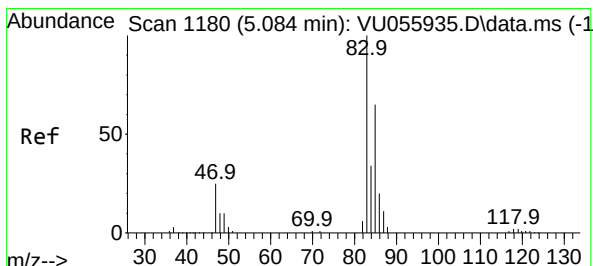
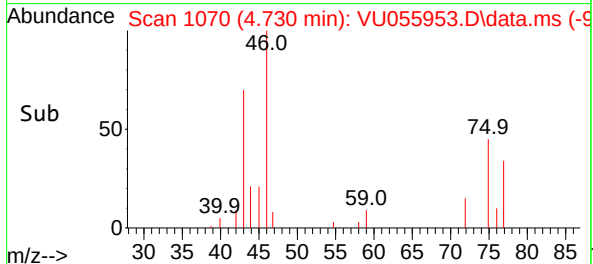
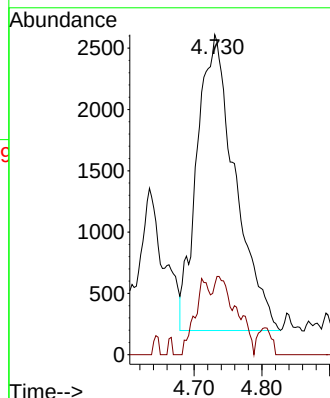
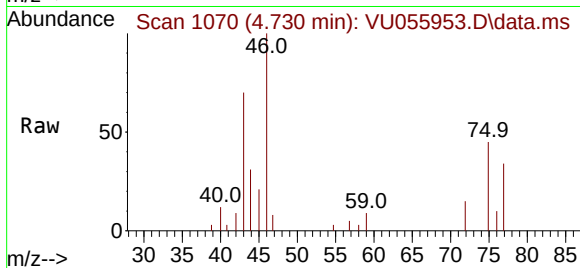
C0B72

Tgt Ion: 43 Resp: 9415

Ion Ratio Lower Upper

43 100

72 4.5 14.4 43.4#



#25

Chloroform

Concen: 15.242 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055953.D

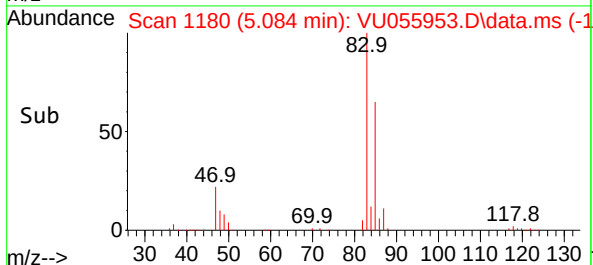
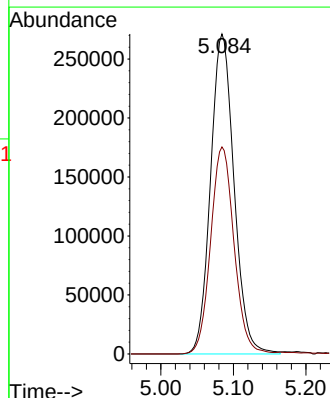
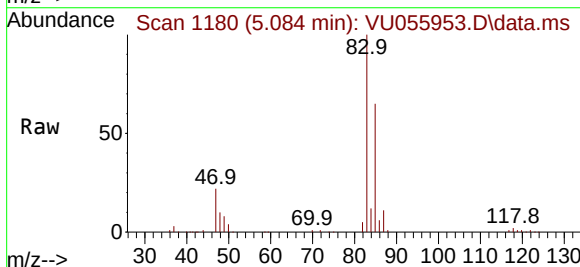
Acq: 28 Oct 2023 04:30

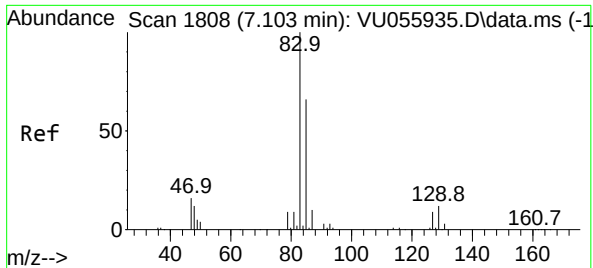
Tgt Ion: 83 Resp: 610457

Ion Ratio Lower Upper

83 100

85 64.7 45.6 84.8

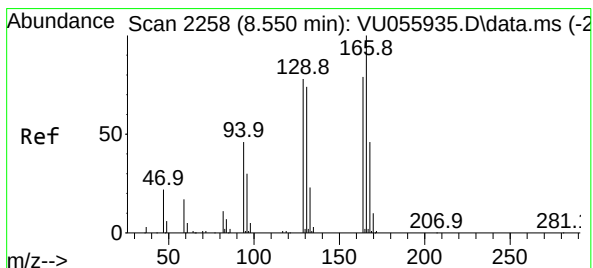
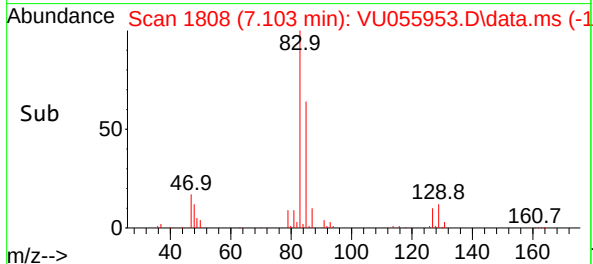
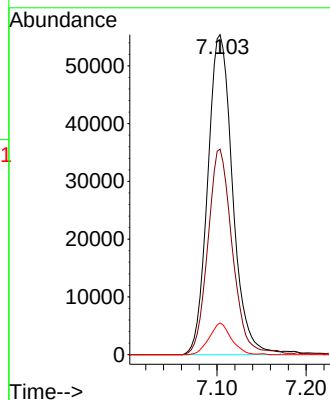
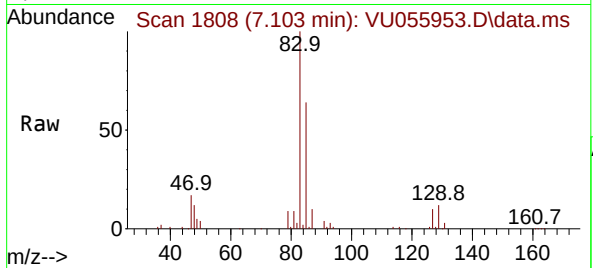




#38
Bromodichloromethane
Concen: 3.827 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
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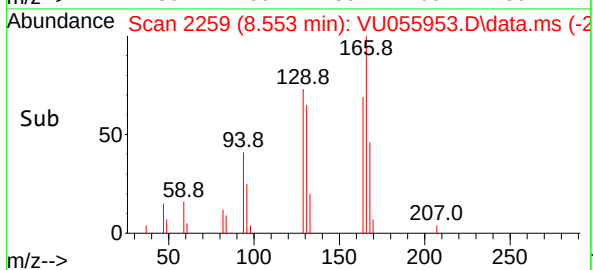
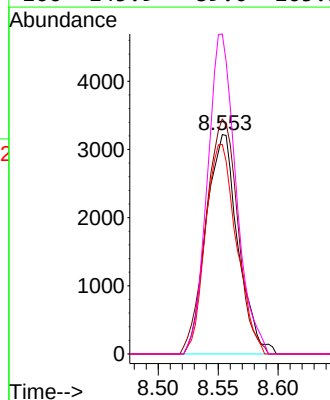
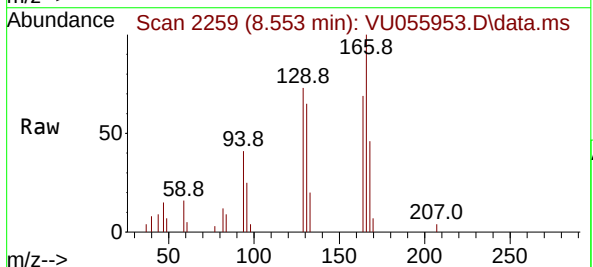
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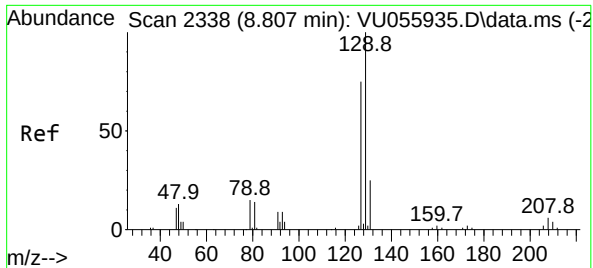
Tgt Ion: 83 Resp: 107341
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.3
127 9.9 6.6 9.8#



#47
Tetrachloroethene
Concen: 0.360 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055953.D
Acq: 28 Oct 2023 04:30

Tgt Ion:164 Resp: 5940
Ion Ratio Lower Upper
164 100
129 107.1 72.2 134.0
131 95.6 70.8 131.6
166 145.9 89.0 165.2





#49
 Dibromochloromethane
 Concen: 1.026 ug/L
 RT: 8.807 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU055953.D
 Acq: 28 Oct 2023 04:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B72

Tgt Ion:129 Resp: 17697
 Ion Ratio Lower Upper
 129 100
 127 71.8 53.5 99.5

