

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060980.D
 Acq On : 23 Sep 2024 17:38
 Operator : MD/SY
 Sample : P4107-13 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B55

Quant Time: Sep 24 06:11:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

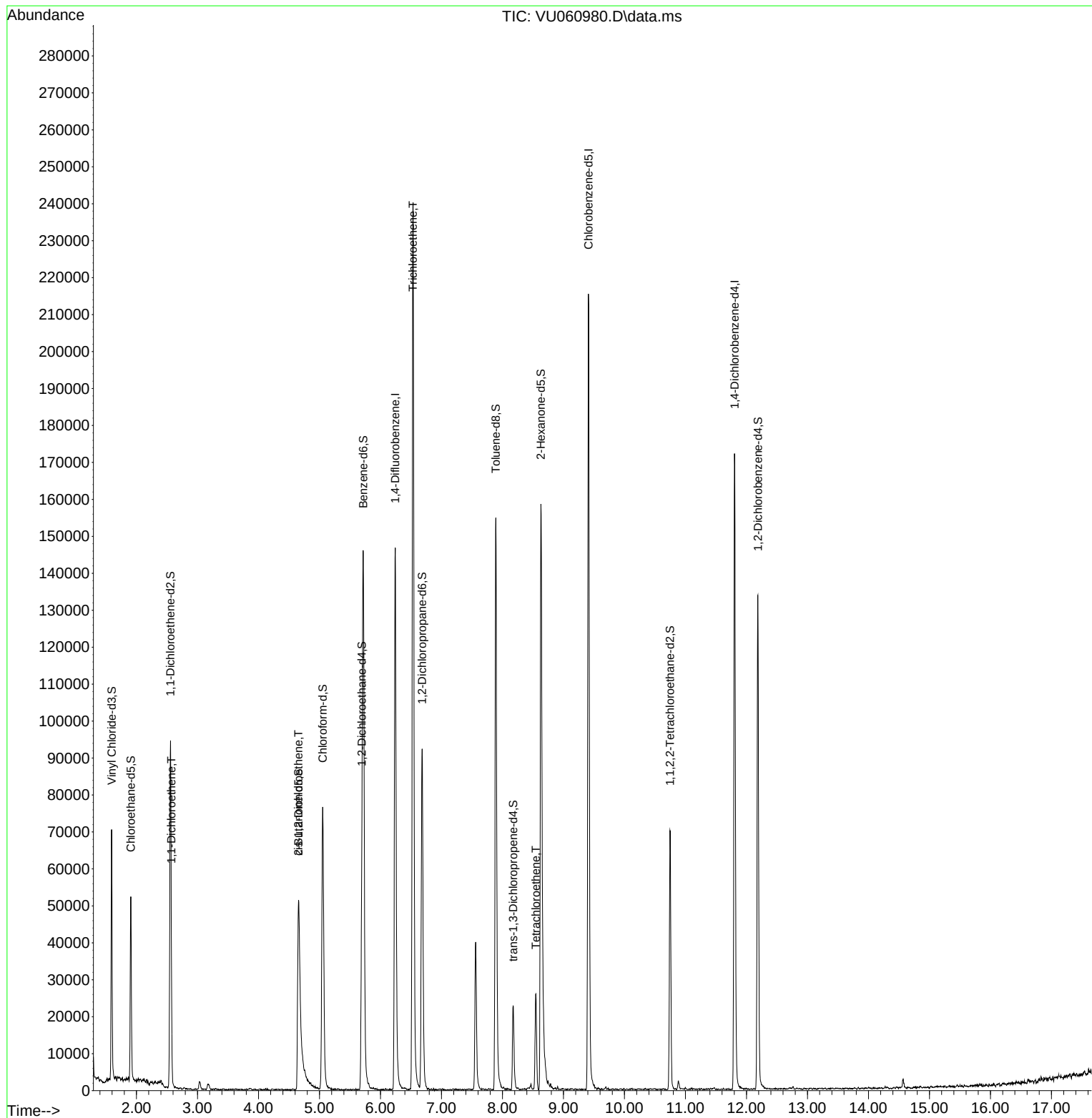
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	125323	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	129993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51805	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	48010	4.259	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.907	69	37341	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.557	65	17622	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.657	46	78486	43.373	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.740%
24) Chloroform-d	5.052	84	76191	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.695	65	38052	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.718	84	142175	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.682	67	48725	4.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.891	98	114382	3.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.174	79	15199	3.917	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.631	63	59751	39.036	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	38384	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	39701	4.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1880	0.238	ug/L	# 1
22) cis-1,2-Dichloroethene	4.657	96	9873	1.092	ug/L	86
34) Trichloroethene	6.531	95	87322	9.319	ug/L	97
47) Tetrachloroethene	8.547	164	6042	0.811	ug/L	93

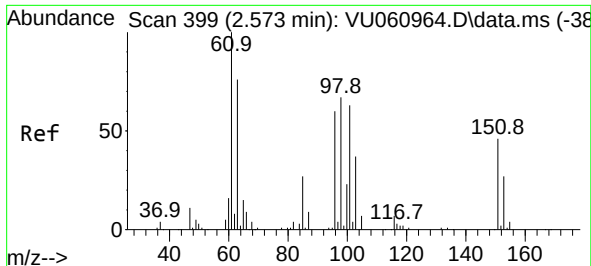
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.238 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060980.D

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Instrument :

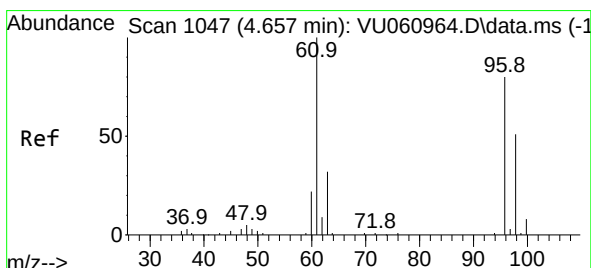
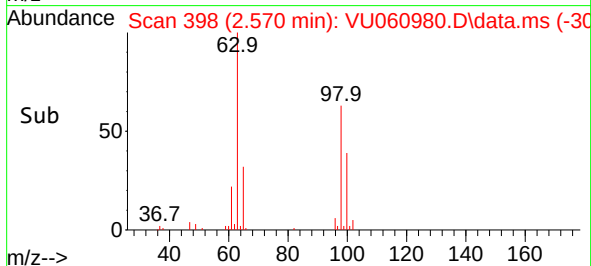
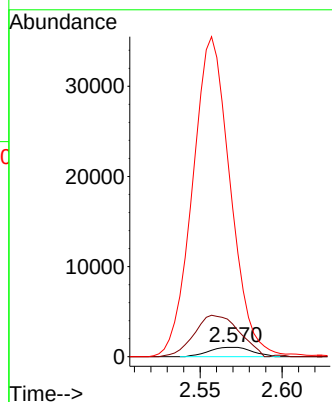
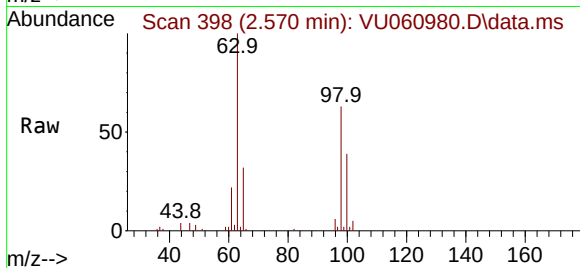
MSVOA_U

ClientSampleId :

C0B55

Tgt Ion: 96 Resp: 1880

Ion	Ratio	Lower	Upper
96	100		
61	279.6	120.7	224.1#
63	1276.7	90.0	167.2#



#22

cis-1,2-Dichloroethene

Concen: 1.092 ug/L

RT: 4.657 min Scan# 1047

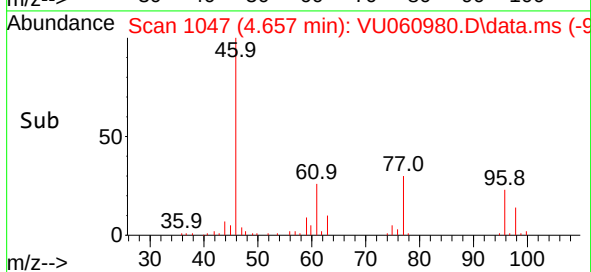
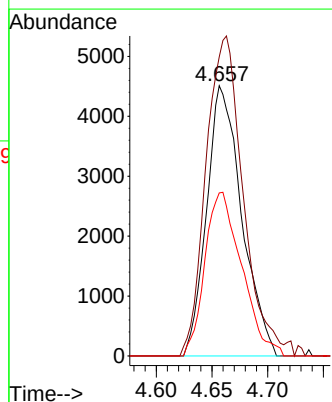
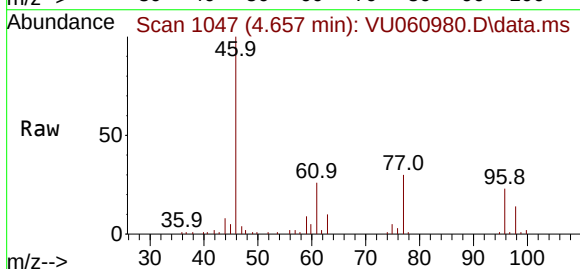
Delta R.T. 0.000 min

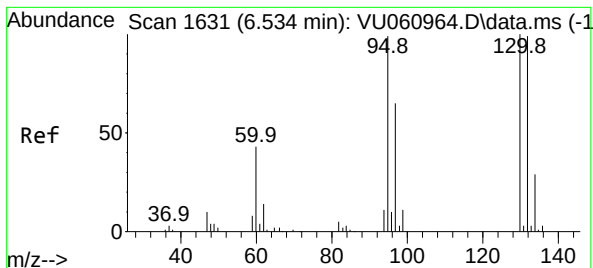
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Tgt Ion: 96 Resp: 9873

Ion	Ratio	Lower	Upper
96	100		
61	108.0	89.7	166.5
98	58.9	45.1	83.9





#34

Trichloroethene

Concen: 9.319 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060980.D

Acq: 23 Sep 2024 17:38

Instrument :

MSVOA_U

ClientSampleId :

C0B55

Tgt Ion: 95 Resp: 87322

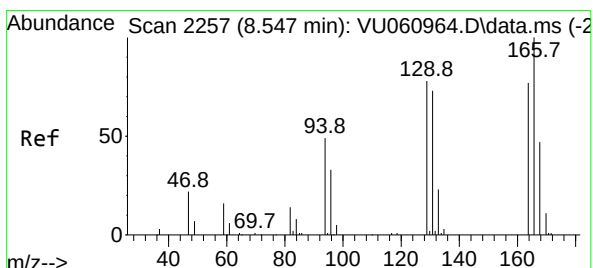
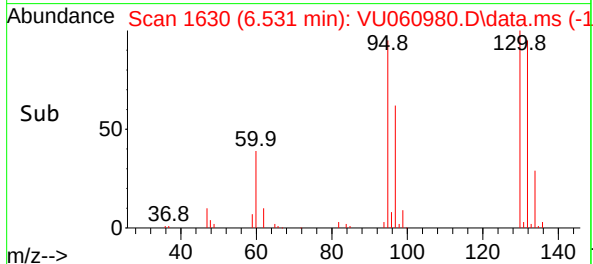
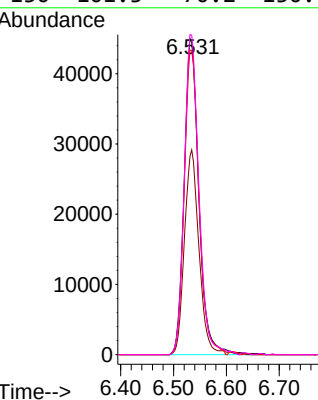
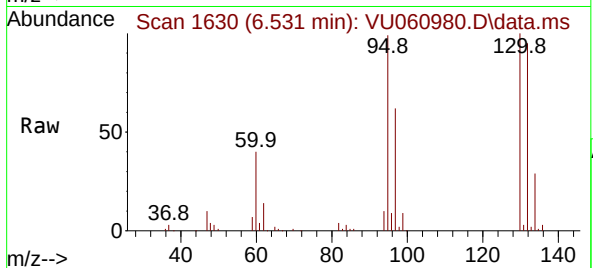
Ion Ratio Lower Upper

95 100

97 62.7 44.9 83.5

132 96.4 63.5 117.9

130 101.3 70.2 130.4



#47

Tetrachloroethene

Concen: 0.811 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060980.D

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Tgt Ion: 164 Resp: 6042

Ion Ratio Lower Upper

164 100

129 104.7 67.3 124.9

131 96.7 65.4 121.4

166 137.8 89.5 166.1

