

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060794.D
 Acq On : 16 Sep 2024 21:02
 Operator : MD/SY
 Sample : P3967-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR5

Quant Time: Sep 17 01:58:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:47:23 2024
 Response via : Initial Calibration

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

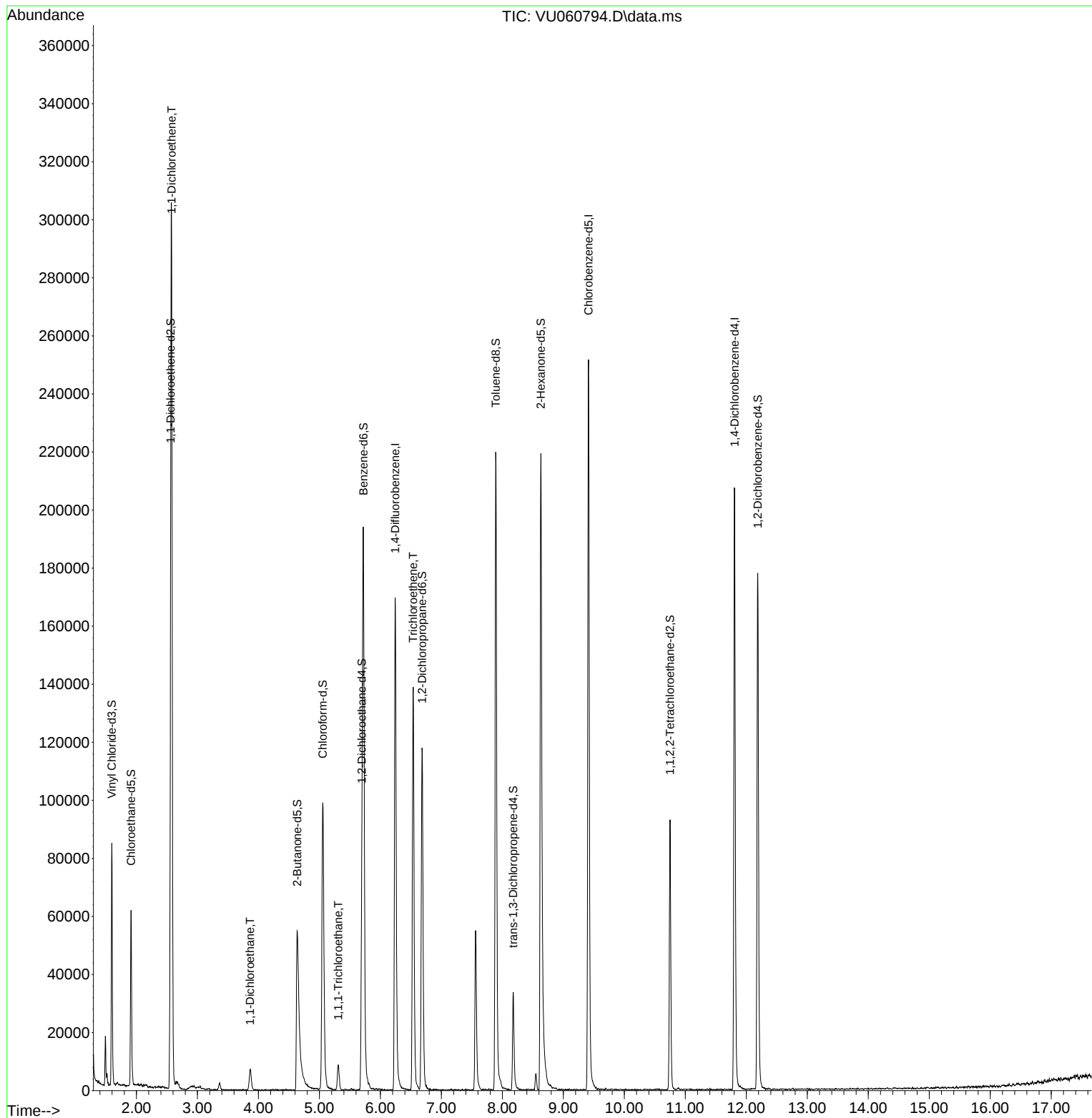
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147564	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158244	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59696	4.498	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.000%	
7) Chloroethane-d5	1.911	69	45216	4.785	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.560	65	23044	4.899	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.000%	
20) 2-Butanone-d5	4.634	46	103905	48.765	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.540%	
24) Chloroform-d	5.055	84	98840	4.871	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.695	65	49537	5.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.721	84	191979	4.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.682	67	62140	4.735	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.891	98	161981	4.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	8.177	79	21707	4.595	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.000%	
46) 2-Hexanone-d5	8.631	63	81979	43.996	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.000%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48741	4.741	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	56435	5.371	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.400%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	87792	9.458	ug/L #	77
19) 1,1-Dichloroethane	3.862	63	8992	0.466	ug/L	92
29) 1,1,1-Trichloroethane	5.309	97	6614	0.387	ug/L #	75
34) Trichloroethene	6.538	95	50425	4.421	ug/L	97

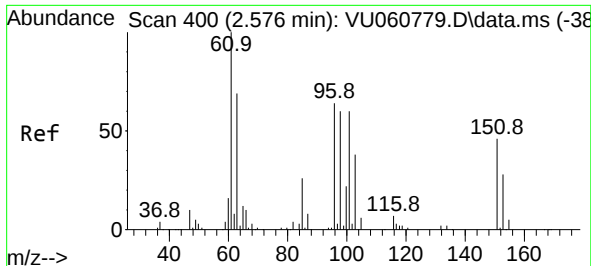
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 9.458 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

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ClientSampleId :

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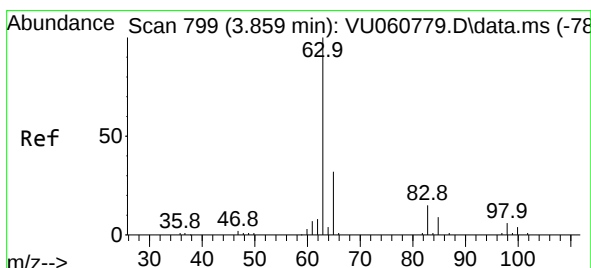
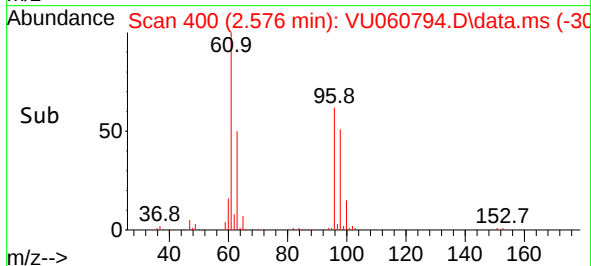
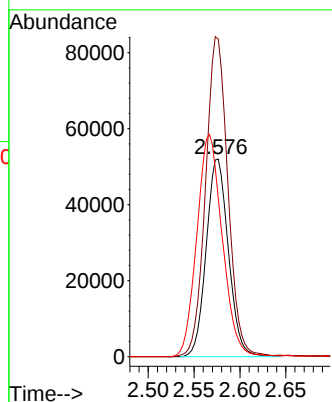
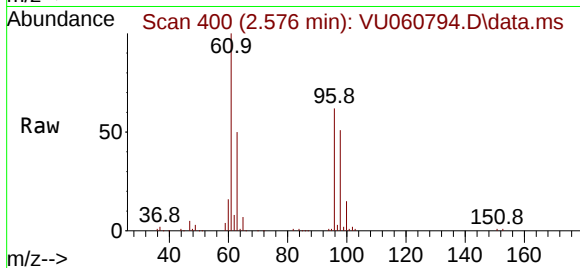
Tgt Ion: 96 Resp: 87792

Ion Ratio Lower Upper

96 100

61 160.7 120.7 224.1

63 80.2 90.0 167.2#



#19

1,1-Dichloroethane

Concen: 0.466 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU060794.D

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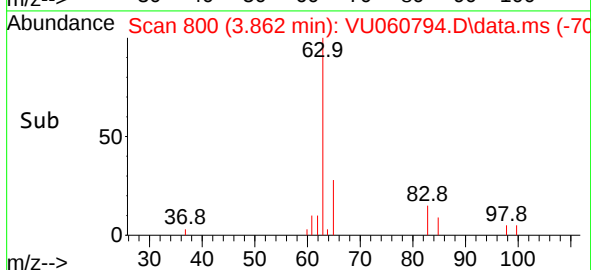
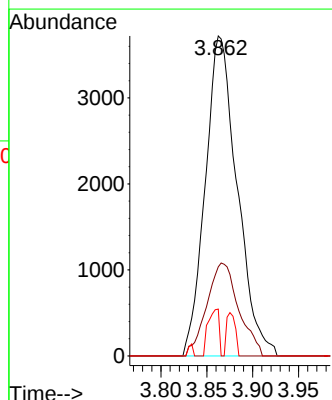
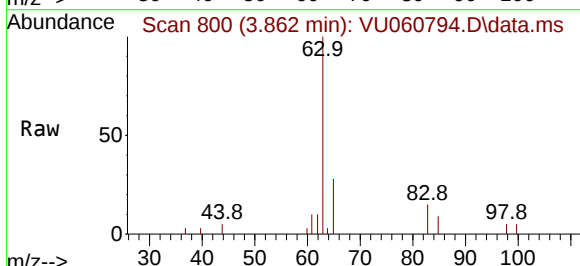
Tgt Ion: 63 Resp: 8992

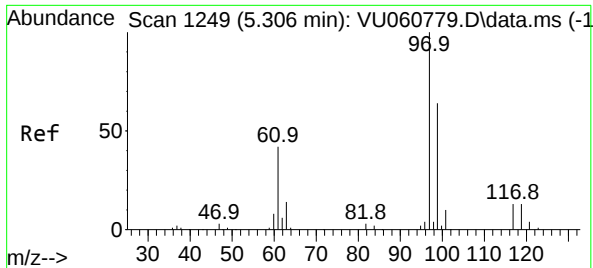
Ion Ratio Lower Upper

63 100

65 27.1 23.0 42.8

83 14.2 9.0 16.6





#29

1,1,1-Trichloroethane

Concen: 0.387 ug/L

RT: 5.309 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU060794.D

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C0AR5

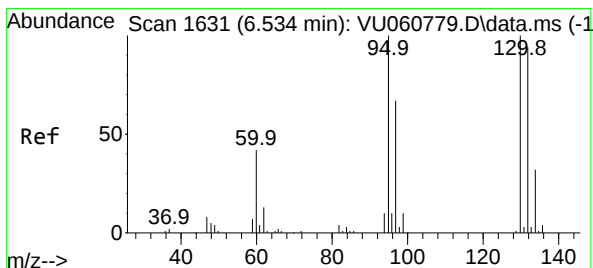
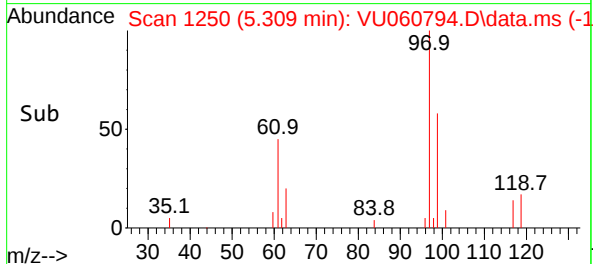
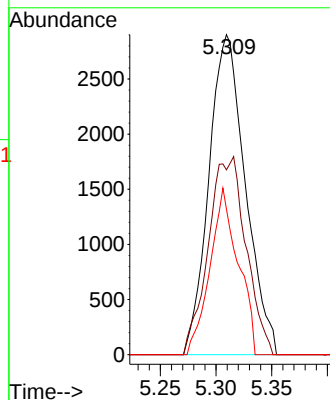
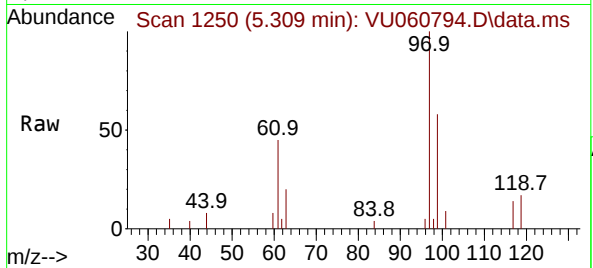
Tgt Ion: 97 Resp: 6614

Ion Ratio Lower Upper

97 100

99 33.3 50.5 75.7#

61 40.1 34.4 51.6



#34

Trichloroethene

Concen: 4.421 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU060794.D

Acq: 16 Sep 2024 21:02

Tgt Ion: 95 Resp: 50425

Ion Ratio Lower Upper

95 100

97 66.6 44.9 83.5

132 95.6 63.5 117.9

130 102.2 70.2 130.4

